












Ball Bearing Units

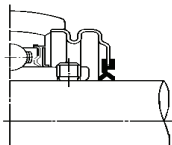
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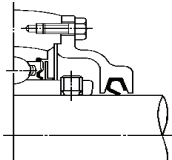
Ball Bearing Units

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NSK 200 Series Wide Re-greasable Units

Shaft Diameter inch mm		Bearing Series											
1/2	12.000	201	P203										
9/16	12.700												
	14.288												
5/8	15.000	202	P203										
	15.875												
	17.000	203	P203										
11/16	17.462												
3/4	19.050	204	P204		UP204	T204	F204	FC204	FL204	FA204	HB204	C204	FH204
	20.000												
13/16	20.638												
7/8	22.225												
15/16	23.812	205	P205	SB205	UP205	T205	F205	FC205	FL205	FA205	HB205	C205	FH205
	25.000												
1	25.400												
1-1/16	26.988												
1-1/8	28.575												
	30.000	206	P206	SB206	UP206	T206	F206	FC206	FL206	FA206	HB206	C206	FH206
1-3/16	30.162												
1-1/4	31.750												
1-1/4	31.750												
1-5/16	33.338												
1-3/8	34.925	207	P207	SB207	UP207	T207	F207	FC207	FL207	FA207	HB207	C207	FH207
	35.000												
1-7/16	36.512												
1-7/16	36.512												
1-1/2	38.100	208	P208	SB208	UP208	T208	F208	FC208	FL208	FA208	HB208	C208	FH208
1-9/16	39.688												
	40.000												
1-5/8	41.275												
1-11/16	42.862	209	P209	SB209	UP209	T209	F209	FC209	FL209	FA209	HB209	C209	FH209
1-3/4	44.450												
	45.000												
1-13/16	46.038												
1-7/8	47.625												
1-15/16	49.212	210	P210	SB210	UP210	T210	F210	FC210	FL210	FA210	HB210	C210	
	50.000												
2	50.800												
2	50.800												
2-1/16	52.388												
2-1/8	53.975	211	P211	SB211		T211	F211	FC211	FL211	FA211	HB211	C211	
	55.000												
2-3/16	55.562												
2-1/4	57.150												
2-5/16	58.738	212	P212	SB212		T212	F212	FC212	FL212		HB212	C212	
	60.000												
2-3/8	60.325												
2-7/16	61.912												
2-1/2	63.500	213	P213	SB213		T213	F213	FC213	FL213			C213	
	65.000												
2-5/8	66.675												
2-11/16	68.262	214	P214	SB214		T214	F214	FC214					
2-3/4	69.850												
	70.000												
2-13/16	71.438												
2-7/8	73.025												
2-15/16	74.612	215	P215	SB215		T215	F215	FC215					
	75.000												
3	76.200												
3-1/8	79.375												
	80.000	216	P216	SB216		T216	F216						
3-3/16	80.962												
3-1/4	82.550	217	P217	SB217		T217	F217						
	85.000												
3-7/16	87.312												
3-1/2	88.900	218	P218	SB218			F218	FC218					

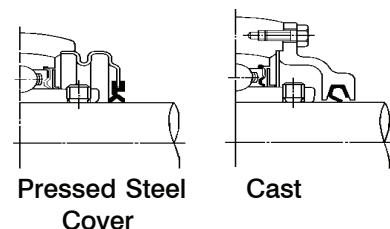




Pressed Steel Cover

Cast

Additional Housing Seal



Temperature Ranges for Mounted Ball Bearing Units

Type	Symbol	Temperature Range °C	Radial Clearance of Bearing	Enclosed Grease		Seal	
				Thickener	Basic Oil	Type	Material
Standard	-	-10 to +110	Normal	Lithium Soap	Mineral Oil	Contact	Nitrile Rubber
Coldproof	T1	-50 to +110	Normal	Lithium Soap	Diester Oil	Labyrinth	Steel Plate
Semi-Heatproof	T2	-10 to +120	C3	Lithium Complex Soap	Mineral Oil	Contact	Heat Resistant Rubber
Heatproof	T3	-30 to +160	C4	Lithium	Silicone Oil	Labyrinth	Steel Plate

Recommended Replenishing Interval and Operating Temperature

Operating Temperature				Recommended Replenishing Interval	Bearing Type
°C		°F			
Up to 70		Up to 158		-	Standard
70	100	158	212	6 Months	Standard
100	120	212	248	3 Months	Semi-Heatproof
120	150	248	302	0.5 Months	Heatproof
2-3 Shots Maximum					

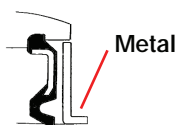
2-3 Shots Maximum

BALL BRG UNITS

WIR Bearing Summary NSK 200 Series

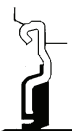
NSK -RHP 200 Wide Series Re-greasable Insert Bearings (Superior Seals)

NSK



Flinger

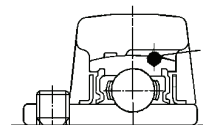
RHP



RHP(T)



NSK



Standard (200)

Standard (1000)

Triple Lip Seal (1000)

Shaft Diameter inch mm	NSK Wide 200 Series			Adaptor Sleeve (Use with UK Bearing)	RHP Wide 200 Series		F/Outer Ring		Eccentric
	Set Screw	Eccentric	Eccentric		1000 G Set Screw	1000 T Set Screw	1000 DECG Eccentric	1000 DECG Eccentric	
1/2	12.000	UC201	UEL201		1017-12G				UCS201-008-SNRDG
9/16	12.700	UC201-008	UEL201-008		1017-1/2G				
5/8	14.288	UC202-009	UEL202-009		1017-15G				UCS202-010-SNRDG
	15.000	UC202	UEL202		1017-5/8G				UCS203-SNRDG
	15.875	UC202-010	UEL202-010		1017-17G				UCS203-011-SNRDG
11/16	17.000	UC203	UEL203						UCS204-012-SNRDG
3/4	17.462	UC203-011	UEL203-011						UCS204-SNRDG
	19.050	UC204-012	UEL204-012	UK205	1020-3/4G	T1020-3/4G	1020-3/4DECG		UCS205-013-SNRDG
	20.000	UC204	UEL204	UK205	1020-20G	T1020-20G	1020-20DECG		UCS205-014-SNRDG
13/16	20.638	UC205-013	UEL205-013		1025-7/8G	T1025-7/8G	1025-7/8DECG	T1025-7/8DECG	UCS205-015-SNRDG
7/8	22.225	UC205-014	UEL205-014	UK206	1025-15/16G	T1025-15/16G	1025-15/16DECG	T1025-15/16DECG	UCS205-015-SNRDG
15/16	23.812	UC205-015	UEL205-015	UK206	1025-25G	T1025-25G	1025-25DECG	T1025-25DECG	UCS205-100-SNRDG
	25.000	UC205	UEL205	UK206	1025-1G	T1025-1G	1025-1DECG	T1025-1DECG	UCS206-101-SNRDG
1	25.400	UC205-100	UEL205-100	UK206					UCS206-102-SNRDG
1-1/16	26.988	UC206-101	UEL206-101		1030-1-1/8G	T1030-1-1/8G	1030-1-1/8DECG	T1030-1-1/8DECG	UCS206-SNRDG
1-1/8	28.575	UC206-102	UEL206-102	UK207	1030-30G	T1030-30G	1030-30DECG	T1030-30DECG	UCS206-103-SNRDG
	30.000	UC206	UEL206	UK207	1030-1-3/16G	T1030-1-3/16G	1030-1-3/16DECG	T1030-1-3/16DECG	UCS206-104-SNRDG
1-3/16	30.162	UC206-103	UEL206-103	UK207	1030-1-1/4G	T1030-1-1/4G	1030-1-1/4DECG	T1030-1-1/4DECG	UCS207-104-SNRDG
1-1/4	31.750	UC206-104	UEL206-104		1035-1-1/4G	T1035-1-1/4G	1035-1-1/4DECG	T1035-1-1/4DECG	UCS207-105-SNRDG
1-1/4	31.750	UC207-104	UEL207-104	UK208	1035-1-5/16G	T1035-1-5/16G	1035-1-5/16DECG	T1035-1-5/16DECG	UCS207-106-SNRDG
1-5/16	33.338	UC207-105	UEL207-105		1035-35G	T1035-35G	1035-35DECG	T1035-35DECG	UCS207-SNRDG
1-3/8	34.225	UC207-106	UEL207-106	UK208	1035-1-7/16G	T1035-1-7/16G	1035-1-7/16DECG	T1035-1-7/16DECG	UCS207-107-SNRDG
	35.000	UC207	UEL207	UK208	1040-1-7/16G	T1040-1-7/16G	1040-1-7/16DECG	T1040-1-7/16DECG	UCS208-107-SNRDG
1-7/16	36.512	UC207-107	UEL207-107		1040-1-1/2G	T1040-1-1/2G	1040-1-1/2DECG	T1040-1-1/2DECG	UCS208-108-SNRDG
1-7/16	36.512	UC208-107	UEL208-107	UK209					UCS208-109-SNRDG
1-1/2	38.100	UC208-108	UEL208-108	UK209	1040-40G	T1040-40G	1040-40DECG	T1040-40DECG	UCS209-110-SNRDG
1-9/16	39.688	UC208-109	UEL208-109		1045-1-5/8G	T1045-1-5/8G	1045-1-5/8DECG	T1045-1-5/8DECG	UCS209-111-SNRDG
	40.000	UC208	UEL208	UK209	1045-1-11/16G	T1045-1-11/16G	1045-1-11/16DECG	T1045-1-11/16DECG	UCS209-112-SNRDG
1-5/8	41.275	UC209-110	UEL209-110	UK209	1045-1-3/4G	T1045-1-3/4G	1045-1-3/4DECG	T1045-1-3/4DECG	UCS209-SNRDG
1-11/16	42.862	UC209-111	UEL209-111	UK210	1050-1-7/8G	T1050-1-7/8G	1050-1-7/8DECG	T1050-1-7/8DECG	UCS210-113-SNRDG
1-3/4	44.450	UC209-112	UEL209-112	UK210	1050-15G	T1050-15G	1050-15DECG	T1050-15DECG	UCS210-114-SNRDG
	45.000	UC209	UEL209	UK210	1050-50G	T1050-50G	1050-50DECG	T1050-50DECG	UCS210-115-SNRDG
1-13/16	46.038	UC210-113	UEL210-113		1050-2G	T1050-2G	1050-2DECG	T1050-2DECG	UCS210-SNRDG
1-7/8	47.625	UC210-114	UEL210-114	UK211	1055-2-1/8G	T1055-2-1/8G	1055-2-1/8DECG	T1055-2-1/8DECG	UCS211-200-SNRDG
1-15/16	49.212	UC210-115	UEL210-115	UK211	1055-55G	T1055-55G	1055-55DECG	T1055-55DECG	UCS211-201-SNRDG
	50.000	UC210	UEL210	UK211	1055-2-3/16G	T1055-2-3/16G	1055-2-3/16DECG	T1055-2-3/16DECG	UCS211-SNRDG
2	50.800	UC210-200	UEL210-200	UK211	1060-2-1/4G	T1060-2-1/4G	1060-2-1/4DECG	T1060-2-1/4DECG	UCS211-203-SNRDG
2	50.800	UC211-200	UEL211-200		1060-60G	T1060-60G	1060-60DECG	T1060-60DECG	UCS212-SNRDG
2-1/16	52.388	UC211-201	UEL211-201		1060-2-3/8G	T1060-2-3/8G	1060-2-3/8DECG	T1060-2-3/8DECG	UCS213-208-SNRDG
2-1/8	53.975	UC211-202	UEL211-202	UK212	1060-2-7/16G	T1060-2-7/16G	1060-2-7/16DECG	T1060-2-7/16DECG	UCS213-SNRDG
	55.000	UC211	UEL211	UK212	1065-2-1/2G	T1070-2-1/2G	1065-2-1/2DECG	T1070-2-1/2DECG	
2-3/16	55.562	UC211-203	UEL211-203	UK213	1065-65G	T1070-65G	1065-65DECG	T1070-65DECG	
2-1/4	57.150	UC212-204	UEL212-204	UK213	1070-2-5/8G	T1070-2-5/8G	1070-2-5/8DECG	T1070-2-5/8DECG	
2-5/16	58.738	UC212-205	UEL212-205		1070-2-11/16G	T1070-2-11/16G	1070-2-11/16DECG	T1070-2-11/16DECG	
	60.000	UC212	UEL212	UK213	1075-2-3/4G	T1075-2-3/4G	1075-2-3/4DECG	T1075-2-3/4DECG	
2-3/8	60.325	UC212-206	UEL212-206	UK213	1070-70G	T1070-70G	1070-70DECG	T1070-70DECG	
2-7/16	61.912	UC213-207	UEL213-207	UK215					
2-1/2	63.500	UC213-208	UEL213-208	UK215					
	65.000	UC213	UEL213	UK215					
2-5/8	66.675	UC214-210	UEL214-210						
2-11/16	68.262	UC214-211	UEL214-211	UK216					
2-3/4	69.850	UC214-212	UEL214-212	UK216					
	70.000	UC214	UEL214	UK216					
2-13/16	71.438	UC215-213	UEL215-213						
2-7/8	73.025	UC215-214	UEL215-214						
2-15/16	74.612	UC215-215	UEL215-215	UK217					
	75.000	UC215	UEL215	UK217					
3	76.200	UC215-300	UEL215-300	UK217					
3-1/8	79.375	UC216-302	UEL216-302	UK218					
	80.000	UC216	UEL216	UK218					
3-3/16	80.962	UC216-303	UEL216-303	UK218					
3-1/4	82.550	UC217-304	UEL217-304						
	85.000	UC217	UEL217						
3-7/16	87.312	UC218-307	UEL218-307						
3-1/2	88.900	UC218-308	UEL218-308						
	90.000	UC218	UEL218						

Notes: 300, X Series housings and RHP housings are available. Limiting speeds apply depending on shaft tolerance.
If RHP product is to be used in Japanese standard housings, the bearing Part Number is prefixed "J".

BALL BRG UNITS

Pillow Blocks: Cast Iron
UCP 200

Standard Pillow Blocks with Set Screws:

UCP 200

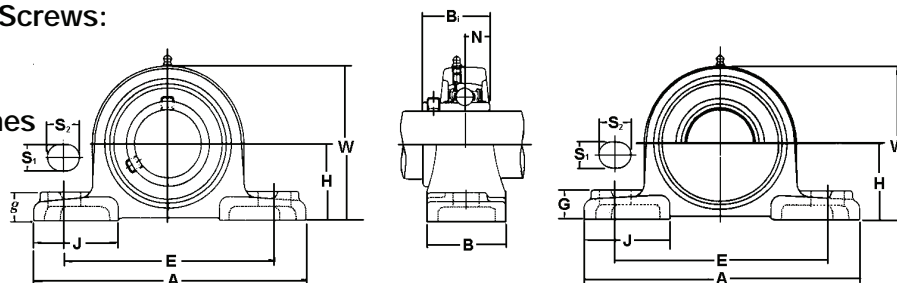
Shaft Diameter: 12-90 mm

1/2 to 3-1/2 inches

Part No. Example:

For Bearing
Order Complete Unit

UC 205
UCP 205



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Bolt Size mm	Hsng No.	Appr Wt. Kg
	inch	mm		H	A	E	B	S1	S2	G	W	Bi	N			
UCP201		12	UC 201	30.2	127	95	38	13	19	15	62	31.0	12.7	M10	P203	0.70
UCP201-008	1/2	12.700	UC201-008													
UCP202-009	9/16	14.288	UC202-009													
UCP202		15	UC202	30.2	127	95	38	13	19	15	62	31.0	12.7	M10	P203	0.69
UCP202-010	5/8	15.875	UC202-010													
UCP203		17	UC203	30.2	127	95	38	13	19	15	62	31.0	12.7	M10	P203	0.68
UCP203-011	11/16	17.462	UC203-011													
UCP204-012	3/4	19.050	UC204-012	33.3	127	95	38	13	19	15	65	31.0	12.7	M10	P204	0.68
UCP204		20	UC204													
UCP205-013	13/16	20.638	UC205-013													
UCP205-014	7/8	22.225	UC205-014													
UCP205-015	15/16	23.812	UC205-015	36.5	140	105	38	13	19	16	70	34.0	14.8	M10	P205	0.84
UCP205		25	UC205													
UCP205-100	1	25.400	UC205-100													
UCP206-101	1-1/16	26.988	UC206-101													
UCP206-102	1-1/8	28.575	UC206-102													
UCP206		30	UC206	42.9	165	121	48	17	21	18	83	38.1	15.9	M14	P206	1.36
UCP206-103	1-3/16	30.162	UC206-103													
UCP206-104	1-1/4	31.750	UC206-104													
UCP207-104	1-1/4	31.750	UC207-104													
UCP207-105	1-5/16	33.338	UC207-105													
UCP207-106	1-3/8	34.925	UC207-106	47.6	167	127	48	17	21	19	94	42.9	17.5	M14	P207	1.74
UCP207		35	UC207													
UCP207-107	1-7/16	36.512	UC207-107													
UCP208-107	1-7/16	36.512	UC208-107													
UCP208-108	1-1/2	38.100	UC208-108	49.2	184	137	54	17	23	19	100	49.2	19.0	M14	P208	2.20
UCP208-109	1-9/16	39.688	UC208-109													
UCP208		40	UC208													
UCP209-110	1-5/8	41.275	UC209-110													
UCP209-111	1-11/16	42.862	UC209-111	54.0	190	146	54	17	23	20	108	49.2	19.0	M14	P209	2.40
UCP209-112	1-3/4	44.450	UC209-112													
UCP209		45	UC209													
UCP210-113	1-13/16	46.038	UC210-113													
UCP210-114	1-7/8	47.625	UC210-114													
UCP210-115	1-15/16	49.212	UC210-115	57.2	206	159	60	20	25	22	114	51.6	19.0	M16	P210	2.70
UCP210		50	UC210													
UCP210-200	2	50.800	UC210-200													
UCP211-200	2	50.800	UC211-200													
UCP211-201	2-1/16	52.388	UC211-201													
UCP211-202	2-1/8	53.975	UC211-202	63.5	219	171	60	20	25	22	126	55.6	22.2	M16	P211	3.40
UCP211		55	UC211													
UCP211-203	2-3/16	55.562	UC211-203													
UCP212-204	2-1/4	57.150	UC212-204													
UCP212-205	2-5/16	58.738	UC212-205	69.8	241	184	70	20	25	25	138	65.1	25.4	M16	P212	4.90
UCP212		60	UC212													
UCP212-206	2-3/8	60.325	UC212-206													
UCP213-207	2-7/16	61.912	UC213-207													
UCP213-208	2-1/2	63.500	UC213-208	76.2	265	203	70	25	29	27	150	65.1	25.4	M20	P213	5.80
UCP213		65	UC213													
UCP214-210	2-5/8	66.675	UC214-210													
UCP214-211	2-11/16	68.262	UC214-211	79.4	266	210	72	25	31	27	156	74.6	30.2	M20	P214	6.50
UCP214-212	2-3/4	69.850	UC214-212													
UCP214		70	UC214													
UCP215-213	2-13/16	71.438	UC215-213													
UCP215-214	2-7/8	73.025	UC215-214													
UCP215-215	2-15/16	74.612	UC215-215	82.6	275	217	74	25	31	28	163	77.8	33.3	M20	P215	7.20
UCP215		75	UC215													
UCP215-300	3	76.200	UC215-300													
UCP216-302	3-1/8	79.375	UC216-302													
UCP216		80	UC216	88.9	292	232	78	25	31	30	175	82.6	33.3	M20	P216	8.70
UCP216-303	3-3/16	80.962	UC216-303													
UCP217-304	3-1/4	82.550	UC217-304	95.2	310	247	83	25	31	32	187	85.7	34.1	M20	P217	11.20
UCP217		85	UC217													
UCP218-307	3-7/16	87.312	UC218-307													
UCP218-308	3-1/2	88.900	UC218-308	101.6	327	262	88	27	33	34	200	96.0	39.7	M22	P218	13.40
UCP218		90	UC218													

Note: To obtain the shaft diameter in fractions, the second figure in the above unit numbers is the diameter in sixteenths of an inch.
Example: For Unit No UCP216-50, the shaft dia is 3-1/8 inches.

BALL BRG UNITS

Pillow Blocks: Cast Iron UCP X00, UCP300

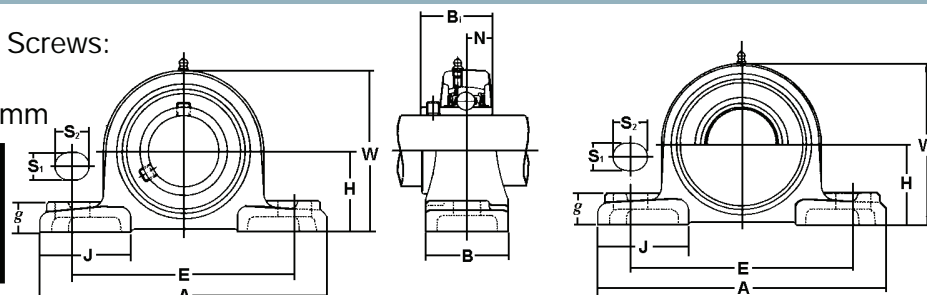
Standard Pillow Blocks with Set Screws:

UCPX 00

Shaft Diameter: 23.812 ~101.6 mm

Part No. Example:

For Bearing UC X15
Order Complete Unit UCP X15



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm											Bolt Size mm	Hsng No.	Appr Wt. Kg
	mm	inch		H	A	E	B	S1	S2	G	W	Bi	N				
UCPX05-015	23.812	15/16	UC206-015														
UCPX05	25		UCX05	44.4	159	119	51	17	21	16	83	38.1	15.9	M14	PX05	1.31	
UCPX05-100	25.400	1	UC206-100														
UCPX06	30		UCX06														
UCPX06-103	30.162	1-3/16	UC207-103	47.6	175	127	57	17	21	18	93	42.9	17.5	M14	PX06	1.86	
UCPX06-104	31.750	1-1/4	UC207-104														
UCPX07	35		UCX07	54.0	203	144	57	17	26	20	104	49.2	19.0	M14	PX07	2.40	
UCPX07-107	36.512	1-7/16	UC208-107														
UCPX08-108	38.100	1-1/2	UC209-108	58.7	222	156	67	20	28	21	112	49.2	19.0	M16	PX08	3.10	
UCPX08	40		UCX08														
UCPX09-111	42.862	1-11/16	UC210-111														
UCPX09-112	44.450	1-3/4	UC210-112	58.7	222	156	67	20	29	22	115	51.6	19.0	M16	PX09	3.20	
UCPX09	45		UCX09														
UCPX10-115	49.212	1-15/16	UC211-115														
UCPX10	50		UCX10	63.5	241	171	73	20	30	25	126	55.6	22.2	M16	PX10	4.20	
UCPX10-200	50.800	2	UC211-200														
UCPX11	55		UCX11														
UCPX11-203	55.562	2-3/16	UC212-203	69.8	260	184	79	25	30	28	139	65.1	25.4	M20	PX11	5.60	
UCPX11-204	57.150	2-1/4	UC212-204														
UCPX12	60		UCX12	76.2	286	203	83	25	35	30	151	65.1	25.4	M20	PX12	6.90	
UCPX13-207	61.912	2-7/16	UC214-207														
UCPX13-208	63.500	2-1/2	UC214-208	76.2	286	203	83	25	35	31	154	74.6	30.2	M20	PX13	7.50	
UCPX13	65		UCX13														
UCPX14-211	68.262	2-11/16	UC215-211														
UCPX14-212	69.850	2-3/4	UC215-212	88.9	330	229	89	27	39	32	170	77.8	33.3	M22	PX14	9.10	
UCPX14	70		UCX14														
UCPX15-215	74.612	2-15/16	UC216-215														
UCPX15	75		UCX15	88.9	330	229	89	27	39	35	175	82.6	33.3	M22	PX15	10.30	
UCPX15-300	76.200	3	UC216-300														
UCPX16	80		UCX16														
UCPX16-303	80.962	3-3/16	UC217-303	101.6	381	283	102	27	54	38	196	85.7	34.1	M22	PX16	14.00	
UCPX16-304	82.550	3-1/4	UC217-304														
UCPX17	85		UCX17														
UCPX17-307	87.312	3-7/16	UC218-307	101.6	381	283	102	27	54	40	202	96.0	39.7	M22	PX17	15.40	
UCPX17-308	88.900	3-1/2	UC218-308														
UCPX18	90		UCX18	101.6	381	283	111	27	54	42	208	104.0	42.9	M22	PX18	17.80	
UCPX20	100		UCX20														
UCPX20-315	100.012	3-15/16	UC221-315	127.0	432	337	121	33	58	48	246	117.5	49.2	M27	PX20	26.00	
UCPX20-400	101.600	4	UC221-400														

Note: To obtain the shaft diameter in fractions, the second figure in the above unit numbers is the diameter in sixteenths of an inch.
Example: For Unit No UCPX16-51, the shaft dia is 3-3/16 inches.

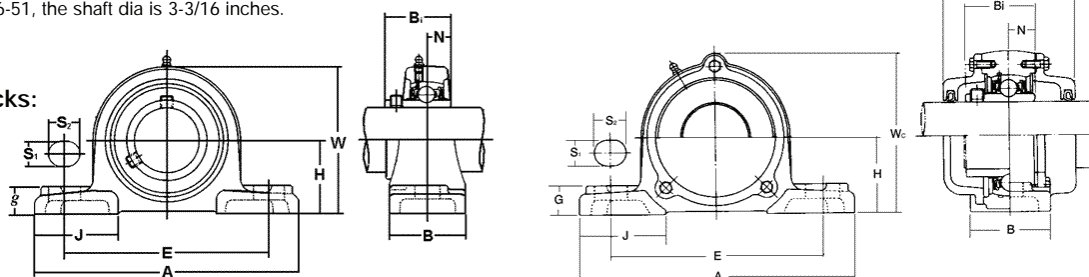
Standard Pillow Blocks:

UCP 300

with Set Screws

Shaft Diameter:

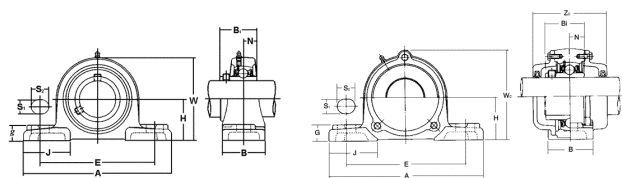
20.638~140 mm



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm											Bolt Size mm	Hsng No.	Appr Wt. Kg
	mm	inch		H	A	E	B	S1	S2	G	W	Bi	N				
UCP305-013	20.638	13/16	UC305-013														
UCP305-014	22.225	7/8	UC305-014														
UCP305-015	23.812	15/16	UC305-015	45	175	132	45	17	20	16	83	38	15	M14	P305	1.33	
UCP305	25		UC305														
UCP305-100	25.400	1	UC305-100														

BALL BRG UNITS

Pillow Blocks: Cast Iron
UCP 300



Part No. Example:

For Bearing UC 305
Order Complete Unit UCP 305
Complete Unit with Cast Cover: CUCP 305 + C (Open)
CUCP 305 + CE (Closed)

Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Bolt Size mm	Hsng No.	Appr Wt. Kg
	mm	inch		H	A	E	B	S1	S2	G	W	Bi	N			
UCP306-101	26.988	1-1/16	UC306-101													
UCP306-102	28.575	1-1/8	UC306-102													
UCP306	30		UC306	50	180	140	50	17	20	19	94	43	17	M14	P306	1.83
UCP306-103	30.162	1-3/16	UC306-103													
UCP306-104	31.750	1-1/4	UC306-104													
UCP307-104	31.750	1-1/4	UC307-104													
UCP307-105	33.338	1-5/16	UC307-105													
UCP307-106	34.925	1-3/8	UC307-106	56	210	160	56	17	25	21	105	48	19	M14	P307	2.50
UCP307	35		UC307													
UCP307-107	36.512	1-7/16	UC307-107													
UCP308-107	36.512	1-7/16	UC308-107													
UCP308-108	38.100	1-1/2	UC308-108	60	220	170	60	17	27	23	116	52	19	M14	P308	3.20
UCP308-109	39.688	1-9/16	UC308-109													
UCP308	40		UC308													
UCP309-110	41.275	1-5/8	UC309-110													
UCP309-111	42.862	1-11/16	UC309-111	67	245	190	67	20	30	25	128	57	22	M16	P309	4.30
UCP309-112	44.450	1-3/4	UC309-112													
UCP309	45		UC309													
UCP310-113	46.038	1-13/16	UC310-113													
UCP310-114	47.625	1-7/8	UC310-114													
UCP310-115	49.212	1-15/16	UC310-115	75	275	212	75	20	35	28	143	61	22	M16	P310	5.80
UCP310	50		UC310													
UCP310-200	50.800	2	UC310-200													
UCP311-200	50.800	2	UC311-200													
UCP311-201	52.388	2-1/16	UC311-201													
UCP311-202	53.975	2-1/8	UC311-202	80	310	236	80	20	38	31	154	66	25	M16	P311	7.40
UCP311	55		UC311													
UCP311-203	55.562	2-3/16	UC311-203													
UCP312-204	57.150	2-1/4	UC312-204													
UCP312-205	58.738	2-5/16	UC312-205	85	330	250	85	25	38	33	165	71	26	M20	P312	9.10
UCP312	60		UC312													
UCP312-206	60.325	2-3/8	UC312-206													
UCP313-207	61.912	2-7/16	UC313-207													
UCP313-208	63.500	2-1/2	UC313-208	90	340	260	90	25	38	36	174	75	30	M20	P313	10.20
UCP313	65		UC313													
UCP314-210	66.675	2-5/8	UC314-210													
UCP314-211	68.262	2-11/16	UC314-211	95	360	280	90	27	40	40	186	78	33	M22	P314	12.50
UCP314-212	69.850	2-3/4	UC314-212													
UCP314	70		UC314													
UCP315-213	71.438	2-13/16	UC315-213													
UCP315-214	73.025	2-7/8	UC315-214													
UCP315-215	74.612	2-15/16	UC315-215	100	380	290	100	27	40	40	197	82	32	M22	P315	14.60
UCP315	75		UC315													
UCP315-300	76.200	3	UC315-300													
UCP316-302	79.375	3-1/8	UC316-302													
UCP316	80		UC316	106	400	300	110	27	40	45	209	86	34	M22	P316	18.10
UCP316-303	80.962	3-3/16	UC316-303													
UCP317-304	82.550	3-1/4	UC317-304	112	420	320	110	33	45	45	221	96	40	M27	P317	21.00
UCP317	85		UC317													
UCP318-307	87.312	3-7/16	UC318-307													
UCP318-308	88.900	3-1/2	UC318-308	118	430	330	110	33	45	50	233	96	40	M27	P318	23.00
UCP318	90		UC318													
UCP319	95		UC319	125	470	360	120	36	50	50	250	103	41	M30	P319	29.00
UCP319-312	95.250	3-3/4	UC319-312													
UCP320	100		UC320													
UCP320-315	100.012	3-15/16	UC320-315	140	490	380	120	36	50	55	275	108	42	M30	P320	36.00
UCP320-400	101.600	4	UC320-400													
UCP321	105		UC321	140	490	380	120	36	50	55	278	112	44	M30	P321	36.00
UCP322	110		UC322	150	520	400	140	40	55	60	295	117	46	M33	P322	45.00
UCP324	120		UC324	160	570	450	140	40	55	70	321	126	51	M33	P324	61.00
UCP326	130		UC326	180	600	480	140	40	55	80	354	135	54	M33	P326	75.00
UCP328	140		UC328	200	620	500	140	40	55	80	388	145	59	M33	P328	91.00

Note: To obtain the shaft diameter in fractions, the second figure in the above unit numbers is the diameter in sixteenths of an inch.

Example: For Unit No UCP306-18, the shaft dia is 1-1/8 inches.

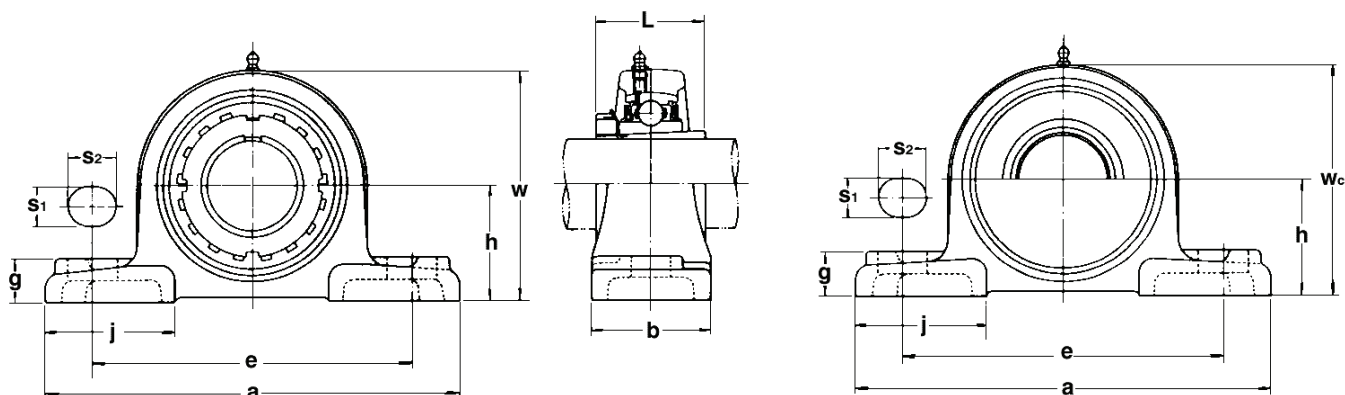
BALL BRG UNITS

Pillow Blocks: Cast Iron
UKP 200

Standard Pillow Blocks
UKP 200 + H
with Adapter
Shaft Diameter:
19.050 - 80.962 mm
3/4 to 3-3/16 inches

Part No. Example:

For Bearing UK 206
Order Complete Unit UKP 206
With Adapter Sleeves for 25mm shaft UKP 206 + H2306



Unit No.	Shaft Diameter mm	Diameter inch	Bearing No.	Dimensions in mm										Bolt Size mm	Housing No.	Approx Wt. Kg
				H	A	E	B	S1	S2	G	W	L				
UKP205+HE2305	19.050	3/4	UK205	36.5	140	105	38	13	19	16	70	35	M10	P205	0.88	
UKP205+H 2305	20															
UKP206+HS2306	22.225	7/8	UK206	42.9	165	121	48	17	21	18	83	38	M14	P206	1.46	
UKP206+HA2306	23.812	15/16														
UKP206+H 2306	25															
UKP206+HE2306	25.400	1														
UKP207+HS2307	28.575	1-1/8	UK207	47.6	167	127	48	17	21	19	94	43	M14	P207	1.78	
UKP207+H 2307	30															
UKP207+HA2307	30.162	1-3/16														
UKP208+HE2308	31.750	1-1/4	UK208	49.2	184	137	54	17	23	19	100	46	M14	P208	2.20	
UKP208+HS2308	34.925	1-3/8														
UKP208+H 2308	35															
UKP209+HA2309	36.512	1-7/16	UK209	54.0	190	146	54	17	23	20	108	50	M14	P209	2.40	
UKP209+HE2309	38.100	1-1/2														
UKP209+H 2309	40															
UKP210+HS2310	41.275	1-5/8	UK210	57.2	206	159	60	20	25	22	114	55	M16	P210	3.00	
UKP210+HA2310	42.862	1-11/16														
UKP210+HE2310	44.450	1-3/4														
UKP210+H 2310	45															
UKP211+HS2311	47.625	1-7/8	UK211	63.5	219	171	60	20	25	22	126	59	M16	P211	3.50	
UKP211+HA2311	49.212	1-15/16														
UKP211+H 2311	50															
UKP211+HE2311	50.800	2														
UKP212+HS2312	53.975	2-1/8	UK212	69.8	241	184	70	20	25	25	138	62	M16	P212	4.80	
UKP212+H 2312	55															
UKP213+HA2313	55.562	2-3/16	UK213	76.2	265	203	70	25	29	27	150	65	M20	P213	5.80	
UKP213+HE2313	57.150	2-1/4														
UKP213+H 2313	60															
UKP213+HS2313	60.325	2-3/8														
UKP215+HA2315	61.912	2-7/16	UK215	82.6	275	217	74	25	31	28	163	73	M20	P215	7.60	
UKP215+HE2315	63.500	2-1/2														
UKP215+H 2315	65															
UKP216+HA2316	68.262	2-11/16	UK216	88.9	292	232	78	25	31	30	175	78	M20	P216	9.20	
UKP216+HE2316	69.850	2-3/4														
UKP216+H 2316	70															
UKP217+HA2317	74.612	2-15/16	UK217	95.2	310	247	83	25	31	32	187	82	M20	P217	11.30	
UKP217+H 2317	75															
UKP217+HE2317	76.200	3														
UKP218+HS2318	79.375	3-1/8	UK218	101.6	327	262	88	27	33	34	200	86	M22	P218	13.90	
UKP218+H 2318	80															
UKP218+HA2318	80.962	3-3/16														

Note: Pressed steel covers are available. Please contact any BSC branch near you for details.

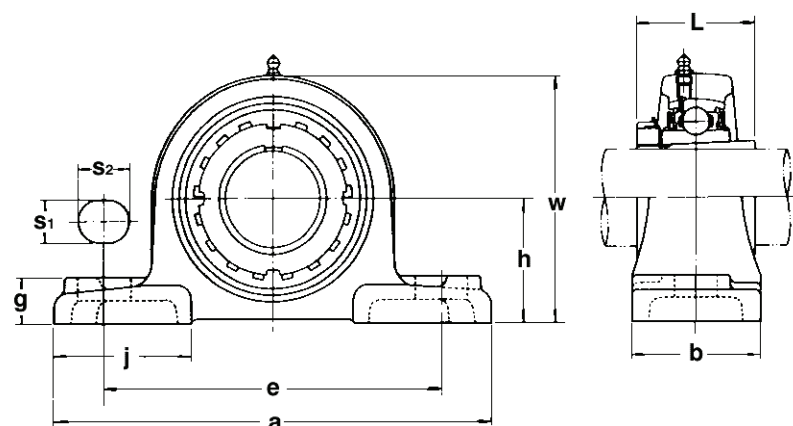
BALL BRG UNITS

Pillow Blocks: Cast Iron
UKP X00

Standard Pillow Blocks
UKP X00 + H
with Adapter
Shaft Diameter:
19.050 ~ 90 mm
3/4 to 3-1/2 inches

Part No. Example:

For Bearing UK X20
Order Complete Unit UKP X20
With Adapter Sleeve
for 90mm shaft UKP X20 + H2320



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Bolt Size mm	Housing No.	Approx Wt. Kg
	mm	inch		H	A	E	B	S1	S2	G	W	L				
UKPX05+HE2305	19.050	3/4	UKX05	44.4	159	119	51	17	21	16	83	35	M14	PX05	1.32	
UKPX05+H 2305	20															
UKPX06+HS2306	22.225	7/8	UKX06	47.6	175	127	57	17	21	18	93	38	M14	PX06	1.86	
UKPX06+HA2306	23.812	15/16														
UKPX06+H 2306	25															
UKPX06+HE2306	25.400	1														
UKPX07+HS2307	28.575	1-1/8	UKX07	54.0	203	144	57	17	26	20	104	43	M14	PX07	2.40	
UKPX07+H 2307	30															
UKPX07+HA2307	30.162	1-3/16														
UKPX08+HE2308	31.750	1-1/4	UKX08	58.7	222	156	67	20	28	21	112	46	M16	PX08	3.10	
UKPX08+HS2308	34.925	1-3/8														
UKPX08+H 2308	35															
UKPX09+HA2309	36.512	1-7/16	UKX09	58.7	222	156	67	20	29	22	115	50	M16	PX09	3.20	
UKPX09+HE2309	38.100	1-1/2														
UKPX09+H 2309	40															
UKPX10+HS2310	41.275	1-5/8	UKX10	63.5	241	171	73	20	30	25	126	55	M16	PX10	4.30	
UKPX10+HA2310	42.862	1-11/16														
UKPX10+HE2310	44.450	1-3/4														
UKPX10+H 2310	45															
UKPX11+HS2311	47.625	1-7/8	UKX11	69.8	260	184	79	25	30	28	139	59	M20	PX11	5.50	
UKPX11+HA2311	49.212	1-15/16														
UKPX11+H 2311	50															
UKPX11+HE2311	50.800	2														
UKPX12+HS2312	53.975	2-1/8	UKX12	76.2	286	203	83	25	35	30	151	62	M20	PX12	6.80	
UKPX12+H 2312	55															
UKPX13+HA2313	55.562	2-3/16	UKX13	76.2	286	203	83	25	35	31	154	65	M20	PX13	7.30	
UKPX13+HE2313	57.150	2-1/4														
UKPX13+H 2313	60															
UKPX15+HA2315	61.912	2-7/16	UKX15	88.9	330	229	89	27	39	35	175	73	M22	PX15	10.40	
UKPX15+HE2315	63.500	2-1/2														
UKPX15+H 2315	65															
UKPX16+HA2316	68.262	2-11/16	UKX16	101.6	381	283	102	27	54	38	196	78	M22	PX16	14.00	
UKPX16+HE2316	69.850	2-3/4														
UKPX16+H 2316	70															
UKPX17+HA2317	74.612	2-15/16	UKX17	101.6	381	283	102	27	54	40	202	82	M22	PX17	15.80	
UKPX17+H 2317	75															
UKPX17+HE2317	76.200	3														
UKPX18+H 2318	80		UKX18	101.6	381	283	111	27	54	42	208	86	M22	PX18	17.30	
UKPX18+HA2318	80.962	3-3/16														
UKPX20+HE2320	88.900	3-1/2	UKX20	127.0	432	337	121	33	58	48	246	97	M27	PX20	25.00	
UKPX20+H 2320	90															

BALL BRG UNITS

Pillow Blocks: Cast Iron
UKP 300

Standard Pillow Blocks

UKP 300 + H

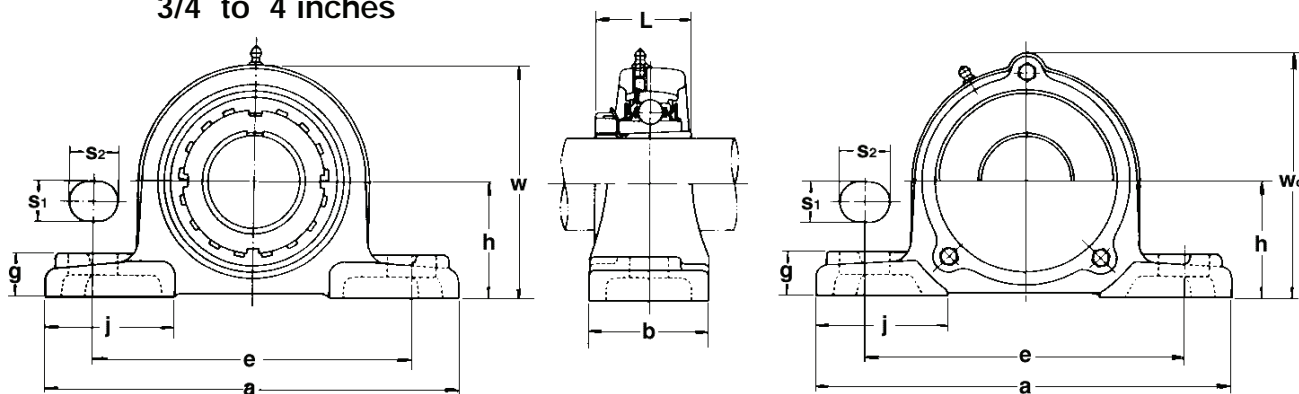
with Adapter

Shaft Diameter: 19.050 - 125 mm

3/4 to 4 inches

Part No. Example:

For Bearing UK 306
Order Complete Unit UKP 306
With Adapter Sleeve for 90mm shaft UKP 306 + H2306



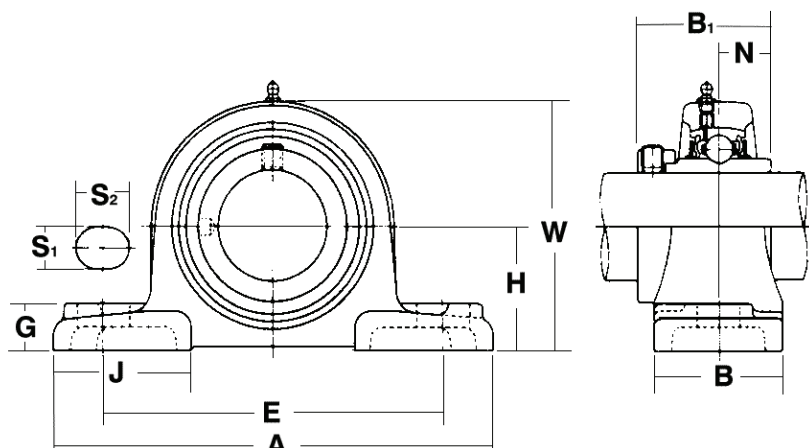
Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Bolt Size mm	Hsng No.	Appr Wt. Kg
	mm	inch		H	A	E	B	S1	S2	G	W	L				
UKP305+HE2305	19.050	3/4	UK305	45	175	132	45	17	20	16	83	35	M14	P305	1.34	
UKP305+H 2305	20															
UKP306+HS2306	22.225	7/8	UK306	50	180	140	50	17	20	19	94	38	M14	P306	1.94	
UKP306+HA2306	23.812	15/16														
UKP306+H 2306	25															
UKP306+HE2306	25.400	1														
UKP307+HS2307	28.575	1-1/8	UK307	56	210	160	56	17	25	21	105	43	M14	P307	2.50	
UKP307+H 2307	30															
UKP307+HA2307	30.162	1-3/16														
UKP308+HE2308	31.750	1-1/4	UK308	60	220	170	60	17	27	23	116	46	M14	P308	3.20	
UKP308+HS2308	34.925	1-3/8														
UKP308+H 2308	35															
UKP309+HA2309	36.512	1-7/16	UK309	67	245	190	67	20	30	25	128	50	M16	P309	4.30	
UKP309+HE2309	38.100	1-1/2														
UKP309+H 2309	40															
UKP310+HS2310	41.275	1-5/8	UK310	75	275	212	75	20	35	28	143	55	M16	P310	5.90	
UKP310+HA2310	42.862	1-11/16														
UKP310+HE2310	44.450	1-3/4														
UKP310+H 2310	45															
UKP311+HS2311	47.625	1-7/8	UK311	80	310	236	80	20	38	31	154	59	M16	P311	7.40	
UKP311+HA2311	49.212	1-15/16														
UKP311+H 2311	50															
UKP311+HE2311	50.800	2														
UKP312+HS2312	53.975	2-1/8	UK312	85	330	250	85	25	38	33	165	62	M20	P312	8.90	
UKP312+H 2312	55															
UKP313+HA2313	55.562	2-3/16	UK313	90	340	260	90	25	38	36	174	65	M20	P313	10.20	
UKP313+HE2313	57.150	2-1/4														
UKP313+H 2313	60															
UKP313+HS2313	60.325	2-3/8														
UKP315+HA2315	61.912	2-7/16	UK315	100	380	290	100	27	40	40	197	73	M22	P315	14.80	
UKP315+HE2315	63.500	2-1/2														
UKP315+H 2315	65															
UKP316+HA2316	68.262	2-11/16	UK316	106	400	300	110	27	40	45	209	78	M22	P316	18.30	
UKP316+HE2316	69.850	2-3/4														
UKP316+H 2316	70															
UKP317+HA2317	74.612		UK317	112	420	320	110	33	45	45	221	82	M27	P317	21.00	
UKP317+H 2317	75															
UKP317+HE2317	76.200	3														
UKP318+HS2318	79.375	3-1/8	UK318	118	430	330	110	33	45	50	233	86	M27	P318	23.00	
UKP318+H 2318	80															
UKP318+HA2318	80.962	3-3/16														
UKP319+HE2319	82.550	3-1/4	UK319	125	470	360	120	36	50	50	250	90	M30	P319	29.00	
UKP319+H 2319	85															
UKP320+HE2320	88.900	3-1/2	UK320	140	490	380	120	36	50	55	275	97	M30	P320	35.00	
UKP320+H 2320	90															
UKP322+H 2322	100															
UKP322+HE2322	101.600	4	UK322	150	520	400	140	40	55	60	295	105	M33	P322	45.00	
UKP324+H 2324	110		UK324	160	570	450	140	40	55	70	321	112	M33	P324	60.00	
UKP326+H 2326	115		UK326	180	600	480	140	40	55	80	354	121	M33	P326	75.00	
UKP328+H 2328	125		UK328	200	620	500	140	40	55	80	388	131	M33	P328	90.00	

BALL BRG UNITS

Pillow Blocks: Cast Iron
UELP 200

Standard Pillow Blocks
UELP 200
with Eccentric Locking Collar
Shaft Diameter:
19.050 - 76.200 mm
3/4 to 3 inches

Part No. Example:
For Bearing UEL 204
Order Complete Unit UELP 204



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Bolt Size	Hsng No. mm	Appr Wt. Kg
				H	A	E	B	S1	S2	G	W	Bi	N			
UELP204-012	19.050	3/4	UEL204-012	33.3	127	95	38	13	19	15	65	43.7	17.1	M10	P204	0.74
UELP204	20		UEL204													
UELP205-013	20.638	13/16	UEL205-013													
UELP205-014	22.225	7/8	UEL205-014													
UELP205-015	23.812	15/16	UEL205-015	36.5	140	105	38	13	19	16	70	44.4	17.5	M10	P205	0.88
UELP205	25		UEL205													
UELP205-100	25.400	1	UEL205-100													
UELP206-101	26.988	1-1/16	UEL206-101													
UELP206-102	28.575	1-1/8	UEL206-102													
UELP206	30		UEL206	42.9	165	121	48	17	21	18	83	48.4	18.3	M14	P206	1.42
UELP206-103	30.162	1-3/16	UEL206-103													
UELP206-104	31.750	1-1/4	UEL206-104													
UELP207-104	31.750	1-1/4	UEL207-104													
UELP207-105	33.338	1-5/16	UEL207-105													
UELP207-106	34.925	1-3/8	UEL207-106	47.6	167	127	48	17	21	19	94	51.1	18.8	M14	P207	1.86
UELP207	35		UEL207													
UELP207-107	36.512	1-7/16	UEL207-107													
UELP208-107	36.512	1-7/16	UEL208-107													
UELP208-108	38.100	1-1/2	UEL208-108	49.2	184	137	54	17	23	19	100	56.3	21.4	M14	P208	2.30
UELP208-109	39.688	1-9/16	UEL208-109													
UELP208	40		UEL208													
UELP209-110	41.275	1-5/8	UEL209-110													
UELP209-111	42.862	1-11/16	UEL209-111	54.0	190	146	54	17	23	20	108	56.3	21.4	M14	P209	2.50
UELP209-112	44.450	1-3/4	UEL209-112													
UELP209	45		UEL209													
UELP210-113	46.038	1-13/16	UEL210-113													
UELP210-114	47.625	1-7/8	UEL210-114													
UELP210-115	49.212	1-15/16	UEL210-115	57.2	206	159	60	20	25	22	114	62.7	24.6	M16	P210	2.90
UELP210	50		UEL210													
UELP210-200	50.800	2	UEL210-200													
UELP211-200	50.800	2	UEL211-200													
UELP211-201	52.388	2-1/16	UEL211-201													
UELP211-202	53.975	2-1/8	UEL211-202	63.5	219	171	60	20	25	22	126	71.4	27.8	M16	P211	3.70
UELP211	55		UEL211													
UELP211-203	55.562	2-3/16	UEL211-203													
UELP212-204	57.150	2-1/4	UEL212-204													
UELP212-205	58.738	2-5/16	UEL212-205	69.8	241	184	70	20	25	25	138	77.8	31.0	M16	P212	5.10
UELP212	60		UEL212													
UELP212-206	60.325	2-3/8	UEL212-206													
UELP213-207	61.912	2-7/16	UEL213-207													
UELP213-208	63.500	2-1/2	UEL213-208	76.2	265	203	70	25	29	27	150	85.7	34.1	M20	P213	6.30
UELP213	65		UEL213													
UELP214-210	66.675	2-5/8	UEL214-210													
UELP214-211	68.262	2-11/16	UEL214-211	79.4	266	210	72	25	31	27	156	85.7	34.1	M20	P214	7.00
UELP214-212	69.850	2-3/4	UEL214-212													
UELP214	70		UEL214													
UELP215-213	71.438	2-13/16	UEL215-213													
UELP215-214	73.025	2-7/8	UEL215-214													
UELP215-215	74.612	2-15/16	UEL215-215	82.6	275	217	74	25	31	28	163	92.1	37.3	M20	P215	7.60
UELP215	75		UEL215													
UELP215-300	76.200	3	UEL215-300													

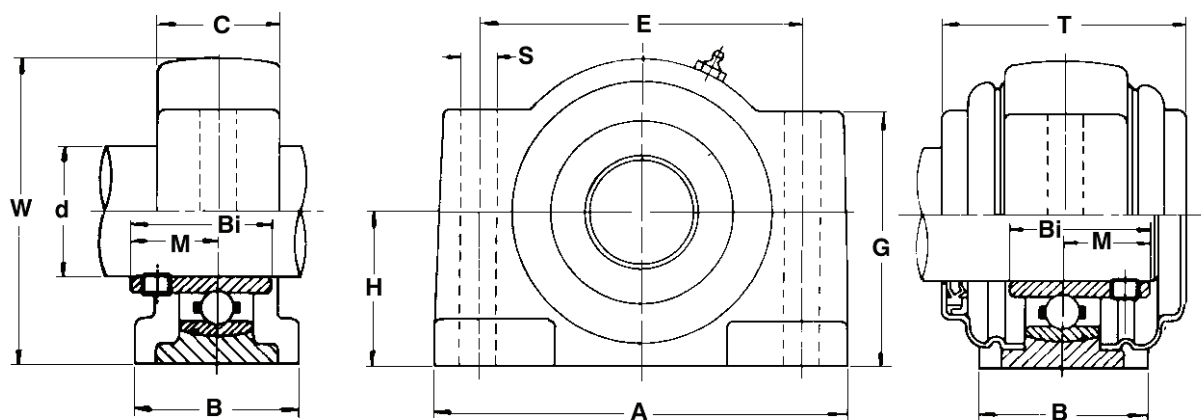
BALL BRG UNITS

Pillow Blocks: Normal Duty UCSB2

Part No. Example:

For Bearing UC 205
Order Complete Unit UCSB 205

Dust-proof covers
'S' for open type
'SM' for closed type



Unit No.	Shaft Diameter inch	mm	Bearing No.	Dimensions in mm												T	Basic Dyn Cap kN
				H	A	E	B	C	G	W	Bi	M	S				
UCSB205-014	7/8	22.225	UC205-014														
UCSB205-015	15/16	23.812	UC205-015	31.70	92	70	38	25	58	67	34.0	19.7	11.0	60	14.0		
UCSB205		25	UC205														
UCSB205-100	1	25.400	UC205-100														
UCSB206-102	1-1/8	28.575	UC206-102														
UCSB206		30	UC206	38.10	108	83	44	30	68	78	38.1	22.2	11.0	65	19.5		
UCSB206-103	1-3/16	30.162	UC206-103														
UCSB207-104	1-1/4	31.750	UC207-104														
UCSB207-105	1-5/16	33.338	UC207-105														
UCSB207-106	1-3/8	34.925	UC207-106	44.40	133	102	48	33	76	95	42.8	25.4	14.0	75	25.7		
UCSB207		35	UC207														
UCSB207-107	1-7/16	36.512	UC207-107														
UCSB208-108	1-1/2	38.100	UC208-108														
UCSB208	1-9/16	39.688	UC208	47.60	140	108	54	39	81	100	49.0	30.0	14.0	85	29.1		
UCSB208		40	UC208														
UCSB209-110	1-5/8	41.275	UC209-110														
UCSB209-111	1-11/16	42.862	UC209-111	50.80	146	111	54	39	86	105	49.0	30.0	14.0	85	32.5		
UCSB209-112	1-3/4	44.450	UC209-112														
UCSB209		45	UC209														
UCSB210-114	1-7/8	47.625	UC210-114														
UCSB210-115	1-15/16	49.212	UC210-115	53.97	152	118	60	41	90	110	52.0	33.0	14.0	91	35.0		
UCSB210		50	UC210														
UCSB211-200	2	50.800	UC211-200														
UCSB211-202	2-1/8	53.975	UC211-202	58.70	172	137	60	41	98	122	56.0	33.0	17.0	98	43.5		
UCSB211		55	UC211														
UCSB211-203	2-3/16	55.562	UC211-203														
UCSB212-204	2-1/4	57.150	UC212-204														
UCSB212		60	UC212	69.85	197	162	65	48	111	146	65.0	40.0	17.0	105	52.5		
UCSB212-206	2-3/8	60.325	UC212-206														
UCSB212-207	2-7/16	61.912	UC212-207														
UCSB213-208	2-1/2	63.500	UC213-208	69.85	197	162	65	48	111	146	65.0	40.0	17.0	112	57.5		
UCSB213		65	UC213														
UCSB214-211	2-11/16	68.262	UC214-211														
UCSB214-212	2-3/4	69.850	UC214-212	76.20	206	172	73	60	117	155	75.0	45.0	17.0		62.0		
UCSB214		70	UC214														
UCSB215		75	UC215														
UCSB215-215	2-15/16	74.613	UC215-215	76.20	206	172	73	60	117	155	77.8	45.0	17.0		66.0		
UCSB215-300	3	76.200	UC215-300														
UCSB216		80	UC216	82.55	238	191	86	64	127	168	83.0	49.0	21.0		72.5		
UCSB217-304	3-1/4	82.550	UC217-304	88.90	254	203	89	64	136	181	86.0	52.0	21.0		83.5		
UCSB217		85	UC217														
UCSB218-308	3-1/2	88.900	UC218-308	98.40	273	222	92	67	152	200	96.0	56.0	25.4		96.0		

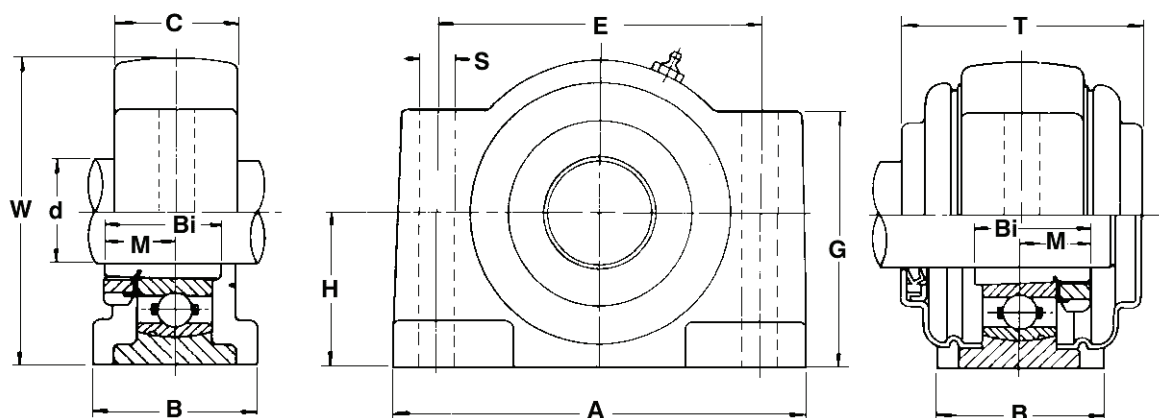
BALL BRG UNITS

Pillow Blocks: Normal Duty UKSB2

Part No. Example:

For Bearing UK 205
Order Complete Unit UKSB 205

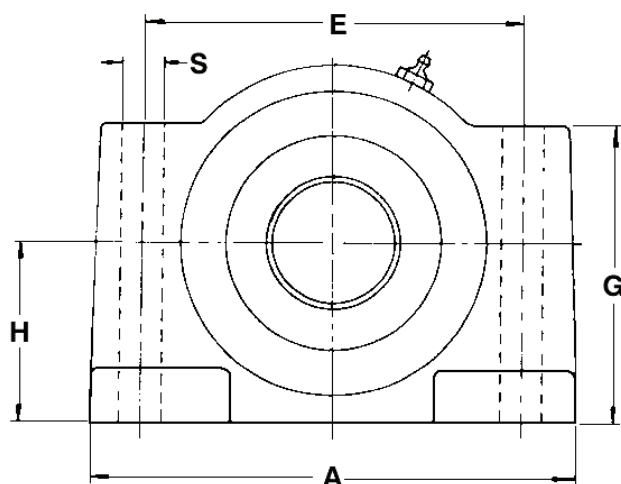
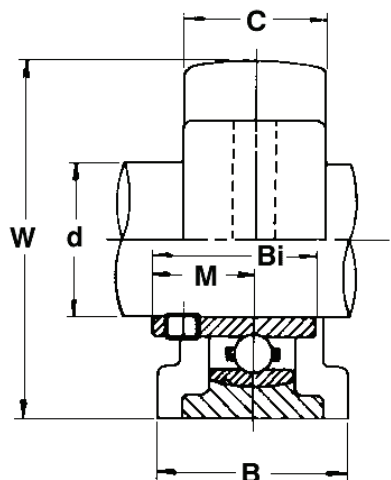
Dust-proof covers
'S' for open type
'SM' for closed type



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm											Basic Adapter	
	inch	mm		H	A	E	B	C	G	W	Bi	M	S	T	Dyn Cap kN	Sleeve
UKSB205	3/4	19.050	UK205	31.70	92	70	38	25	58	67	35	19.5	11.0	60	14.0	HE2305
UKSB205		20														H 2305
UKSB206	7/8	22.225	UK206	38.10	108	83	44	30	68	78	38	22.0	11.0	65	19.5	HS2306
UKSB206		25														H 2306
UKSB206	1	25.400														HE2306
UKSB207	1-1/8	28.575	UK207	44.40	133	102	48	33	76	95	43	23.7	14.0	75	25.7	HS2307
UKSB207		30														H 2307
UKSB208	1-1/4	31.750	UK208	47.60	140	108	54	39	81	100	46	25.5	14.0	85	29.1	HS2308
UKSB208	1-3/8	34.925														HS2308
UKSB208		35														H 2308
UKSB209	1-7/16	36.512	UK209	50.80	146	111	54	39	86	105	50	26.5	14.0	85	32.5	HA2309
UKSB209	1-1/2	38.100														HE2309
UKSB209		40														H 2309
UKSB210	1-5/8	41.275	UK210	54.00	152	118	60	41	90	110	55	28.0	14.0	91	35.0	HS2310
UKSB210	1-11/16	42.862														HA2310
UKSB210	1-3/4	44.450														HE2310
UKSB210		45														H 2310
UKSB211	1-7/8	47.625	UK211	58.70	172	137	60	41	98	122	59	29.5	17.0	98	43.5	HS2311
UKSB211	1-15/16	49.212														HA2311
UKSB211		50														H 2311
UKSB211	2	50.800														HE2311
UKSB212	2-1/8	53.975	UK212	69.85	197	162	65	48	111	146	62	32.0	17.0	105	52.5	HS2312
UKSB212		55														H 2312
UKSB213	2-3/16	55.562	UK213	69.85	197	162	65	48	111	146	65	34.0	17.0	112	57.5	HA2313
UKSB213	2-1/4	57.150														HE2313
UKSB213		60														H 2313
UKSB213	2-3/8	60.325														HS2313
UKSB215	2-7/16	61.912	UK215	76.20	206	172	73	60	117	155	73	37.0	17.0	66.0		HA2315
UKSB215	2-1/2	63.500														HE2315
UKSB215		65														H 2315
UKSB216	2-11/16	68.262	UK216	82.55	238	191	86	64	127	168	78	39.5	21.0	72.5		HA2316
UKSB216	2-3/4	69.850														HE2316
UKSB216		70														H 2316
UKSB217	2-15/16	74.613	UK217	89.10	254	203	89	64	136	181	82	41.8	21.0	83.5		HA2317
UKSB217		75														H 2317
UKSB217	3	76.200														HE2317
UKSB218		80	UK218	98.40	273	222	92	67	152	200	86	42.8	25.4	96.0		H 2318

Part No. Example:

For Bearing UCX 05
Order Complete Unit UCSB X05



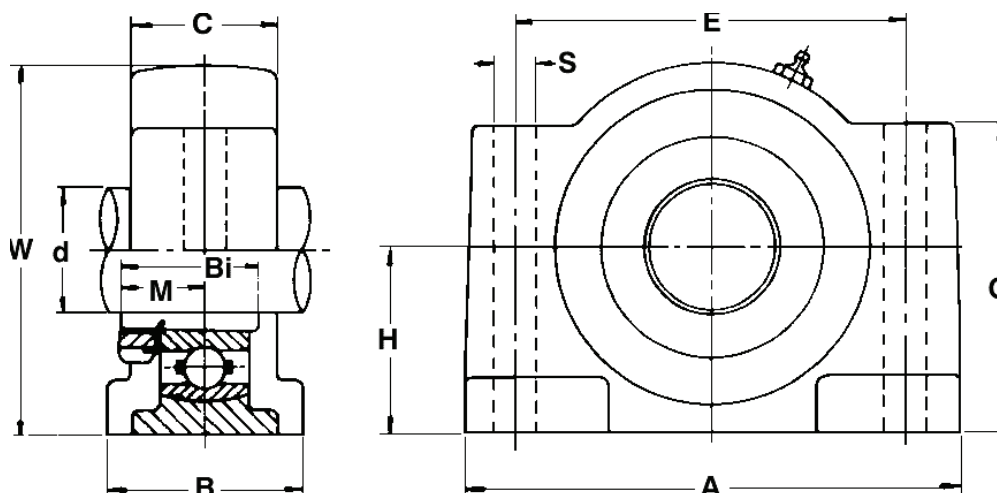
Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Basic Dyn Cap kN
	inch	mm		H	A	E	B	C	G	W	Bi	M	S	
UCSBX05-014	7/8	22.225	UCX05-014											
UCSBX05-015	15/16	23.812	UCX05-015	38.10	108	83	44	30	68	78	38.1	22.2	11.0	19.5
UCSBX05		25	UCX05											
UCSBX05-100	1	25.400	UCX05-100											
UCSBX06-102	1-1/8	28.575	UCX06-102											
UCSBX06		30	UCX06	44.40	133	102	48	33	76	95	42.9	25.4	14.0	25.7
UCSBX06-103	1-3/16	30.162	UCX06-103											
UCSBX06-104	1-1/4	31.750	UCX06-104											
UCSBX07-106	1-3/8	34.925	UCX07-106											
UCSBX07		35	UCX07	47.60	140	108	54	39	81	100	49.0	30.0	14.0	29.1
UCSBX07-107	1-7/16	36.512	UCX07-107											
UCSBX08-108	1-1/2	38.100	UCX08-108	50.80	146	111	54	39	86	105	49.0	30.0	14.0	32.5
UCSBX08		40	UCX08											
UCSBX09-110	1-5/8	41.275	UCX09-110											
UCSBX09-111	1-11/16	42.862	UCX09-111	53.97	152	118	60	41	90	110	52.0	33.0	14.0	35.0
UCSBX09-112	1-3/4	44.450	UCX09-112											
UCSBX09		45	UCX09											
UCSBX10-114	1-7/8	47.625	UCX10-114											
UCSBX10-115	1-15/16	49.212	UCX10-115	58.70	172	137	60	41	98	122	55.0	33.0	17.0	43.5
UCSBX10		50	UCX10											
UCSBX10-200	2	50.800	UCX10-200											
UCSBX11-202	2-1/8	53.975	UCX11-202											
UCSBX11		55	UCX11	69.85	197	162	65	48	111	146	65.0	40.0	17.0	52.5
UCSBX11-203	2-3/16	55.562	UCX11-203											
UCSBX11-204	2-1/4	57.150	UCX11-204											
UCSBX12		60	UCX12											
UCSBX12-206	2-3/8	60.325	UCX12-206	69.85	197	162	65	48	111	146	65.0	40.0	17.0	57.5
UCSBX12-207	2-7/16	61.912	UCX12-207											
UCSBX13-208	2-1/2	63.500	UCX13-208	76.20	206	172	73	60	117	155	75.0	45.0	17.0	62.0
UCSBX13		65	UCX13											
UCSBX14-210	2-5/8	66.675	UCX14-210											
UCSBX14-211	2-11/16	68.262	UCX14-211	76.20	208	172	73	60	117	155	78.0	45.0	17.0	66.0
UCSBX14-212	2-3/4	69.850	UCX14-212											
UCSBX14		70	UCX14											
UCSBX15		75	UCX15											
UCSBX15-215	2-15/16	74.613	UCX15-215	82.55	238	191	86	64	127	165	83.0	49.0	21.0	72.5
UCSBX15-300	3	76.200	UCX15-300											
UCSBX16		80	UCX16	88.90	254	203	89	64	136	181	86.0	52.0	21.0	83.5
UCSBX17-304	3-1/4	82.550	UCX17-304	98.40	273	222	92	67	152	200	96.0	56.0	25.4	96.0
UCSBX17		85	UCX17											
UCSBX18-308	3-1/2	88.900	UCX18-308	98.40	273	222	92	67	152	200	104.0	61.0	25.4	109.0
UCSBX18		90	UCX18											
UCSBX20		100	UCX20	108.00	298	241	108	76	178	221	117.0	68.0	25.4	133.0
UCSBX20-400	4	101.60	UCX20-400											

BALL BRG UNITS

Pillow Blocks: Normal Duty
UKSBX

Part No. Example:

For Bearing UK X05
Order Complete Unit UKSB X05 + H2305
(to suit 20mm shaft)

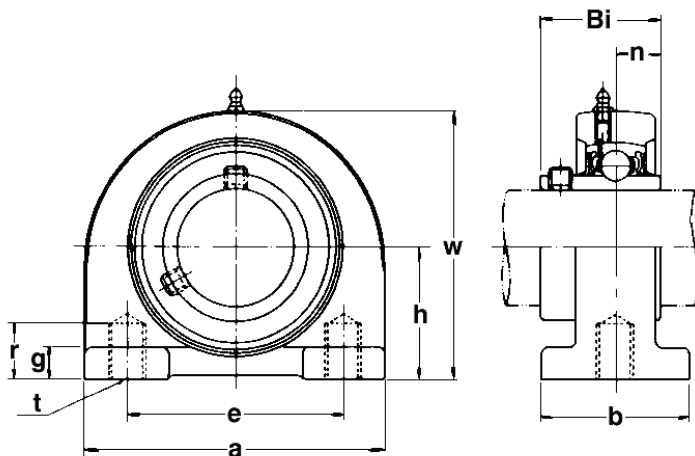


Unit No.	Shaft Diameter inch	mm	Bearing No.	Dimensions in mm										Basic Dyn Cap kN	Adapter Sleeve
				H	A	E	B	C	G	W	Bi	M	S		
UKSBX05	3/4	19.050	UKX05	38.1	108	83	44	30	68	78	35	19.5	11	19.5	HE2305
UKSBX05		20													H 2305
UKSBX06	7/8	22.225	UKX06	44.4	133	102	48	33	76	95	38	22	14	25.7	HS2306
UKSBX06		25													H 2306
UKSBX06	1	25.400													HE2306
UKSBX07	1-1/8	28.575	UKX07	47.6	140	108	54	39	81	100	43	23.7	14	29.1	HS2307
UKSBX07		30													H 2307
UKSBX08	1-1/4	31.750													HE2308
UKSBX08	1-3/8	34.925	UKX08	50.8	146	111	54	39	86	105	46	25.5	14	32.5	HS2308
UKSBX08		35													H 2308
UKSBX09	1-1/2	38.100	UKX09	53.97	152	118	60	41	90	110	50	26.5	14	35.0	HE2309
UKSBX09		40													H 2309
UKSBX10	1-5/8	41.275													HS2310
UKSBX10	1-11/16	42.862	UKX10	58.7	172	137	60	41	98	122	55	28.0	17	43.5	HA2310
UKSBX10		45													H 2310
UKSBX10	1-3/4	44.450													HE2310
UKSBX11	1-7/8	47.625													HS2311
UKSBX11	1-15/16	49.213	UKX11	69.85	197	162	65	48	111	146	59	29.5	17	52.5	HA2311
UKSBX11		50													H 2311
UKSBX11	2	50.800													HE2311
UKSBX12	2-1/8	53.975	UKX12	69.85	197	162	65	48	111	146	62	32	17	57.5	HS2312
UKSBX12		55													H 2312
UKSBX13	2-3/16	55.562													HA2313
UKSBX13	2-1/4	57.150	UKX13	76.2	206	172	73	60	117	155	65	34	17	62.0	HE2313
UKSBX13		60													H 2313
UKSBX13	2-3/8	60.325													HS2313
UKSBX15	2-7/16	61.912													HA2315
UKSBX15	2-1/2	63.500	UKX15	82.55	238	191	86	64	127	168	73	37	21	72.5	HE2315
UKSBX15		65													H 2315
UKSBX16	2-11/16	68.262													HA2316
UKSBX16	2-3/4	69.850	UKX16	88.90	254	206	89	64	136	181	78	39.5	21	83.5	HE2316
UKSBX16		70													H 2316
UKSBX17	2-15/16	74.613													H 2317
UKSBX17		75	UKX17	98.4	273	222	92	67	152	200	82	41.8	25.4	96.0	HA2317
UKSBX17	3	76.200													HE2317
UKSBX18		80	UKX18	98.4	273	222	92	67	152	200	86	42.8	25.4	109.	HE2318
UKSBX20	3-1/2	88.900	UKX20	108	298	241	108	76	178	220	97	47.0	25.4	133.	HE2320
UKSBX20		90													H 2320

**Compact Tapped - Base
Pillow Blocks
UCUP 200
with Set Screws
Shaft Diameter:
12 ~ 50.800 mm
1/2 to 2 inches**

Part No. Example:

For Bearing UC 205
Order Complete Unit UCUP 205



Unit No.	Shaft		Bearing No.	Dimensions in mm										Hsng No. mm	Appr Wt. Kg
	Diameter mm	inch		H	A	E	B	T	G	W	Bi	N			
UCUP201	12		UC201	30.2	76	52	40	M10x1.5	11	62	31.0	12.7	UP204	0.67	
UCUP201-008	12.700	1/2	UC201-008												
UCUP202-009	14.288	9/16	UC202-009												
UCUP202	15		UC202	30.2	76	52	40	M10x1.5	11	62	31.0	12.7	UP204	0.65	
UCUP202-010	15.875	5/8	UC202-010												
UCUP203	17		UC203	30.2	76	52	40	M10x1.5	11	62	31.0	12.7	UP204	0.64	
UCUP203-011	17.462	11/16	UC203-011												
UCUP204-012	19.050	3/4	UC204-012	30.2	76	52	40	M10x1.5	11	62	31.0	12.7	UP204	0.62	
UCUP204	20		UC204												
UCUP205-013	20.638	13/16	UC205-013												
UCUP205-014	22.225	7/8	UC205-014												
UCUP205-015	23.812	15/16	UC205-015	36.5	84	56	45	M10x1.5	12	72	34.0	14.3	UP205	0.93	
UCUP205	25		UC205												
UCUP205-100	25.400	1	UC205-100												
UCUP206-101	26.988	1-1/16	UC206-101												
UCUP206-102	28.575	1-1/8	UC206-102												
UCUP206	30		UC206	42.9	94	66	50	M14x2.0	12	84	38.1	15.9	UP206	1.26	
UCUP206-103	30.162	1-3/16	UC206-103												
UCUP206-104	31.750	1-1/4	UC206-104												
UCUP207-104	31.750	1-1/4	UC207-104												
UCUP207-105	33.338	1-5/16	UC207-105												
UCUP207-106	34.925	1-3/8	UC207-106	47.6	110	80	55	M14x2.0	13	95	42.9	17.5	UP207	1.84	
UCUP207	35		UC207												
UCUP207-107	36.512	1-7/16	UC207-107												
UCUP208-107	36.512	1-7/16	UC208-107												
UCUP208-108	38.100	1-1/2	UC208-108	49.2	116	84	58	M14x2.0	13	100	49.2	19.0	UP208	2.20	
UCUP208-109	39.688	1-9/16	UC208-109												
UCUP208	40		UC208												
UCUP209-110	41.275	1-5/8	UC209-110												
UCUP209-111	42.862	1-11/16	UC209-111	54.2	120	90	60	M14x2.0	13	108	49.2	19.0	UP209	2.60	
UCUP209-112	44.450	1-3/4	UC209-112												
UCUP209	45		UC209												
UCUP210-113	46.038	1-13/16	UC210-113												
UCUP210-114	47.625	1-7/8	UC210-114												
UCUP210-115	49.212	1-15/16	UC210-115	57.2	130	94	64	M16x2.0	14	116	51.6	19.0	UP210	2.90	
UCUP210	50		UC210												
UCUP210-200	50.800	2	UC210-200												

BALL BRG UNITS

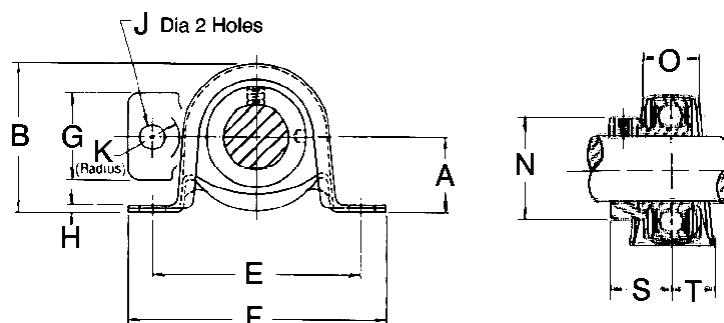
Pillow Blocks: Pressed Steel PB, RPB

PB



Part No. Example:

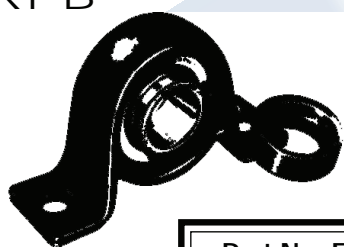
For Bearing AEL205-014
Order Stamping 52PB



The PB type pillow block is designed for light-duty applications to provide the advantages of ball bearings at low cost. The unit consists of a two-piece separable steel housing with spherical bearing seat. This allows the spherically-ground bearing initial self-alignment in all directions. The ball bearing is an AEL 200 extended inner ring type with self-locking collar or AS 200 extended inner ring with grub screw locking.

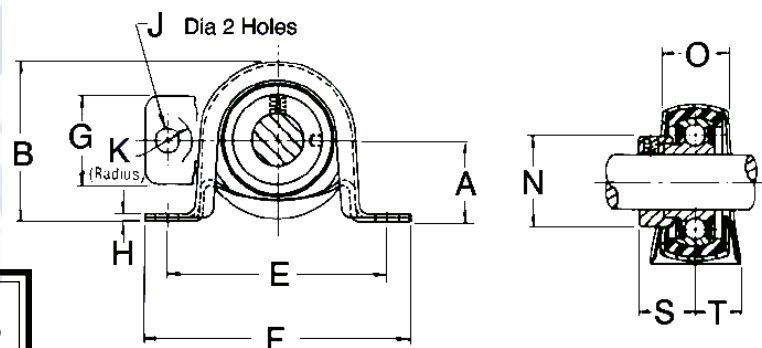
Stamp Size	Shaft Diameter		Bearing Numbers		Dimensions in mm													LR kgf	LS RPM
	inch	mm	AEL	AS	A	B	E	F	G	H	J	K	N	O	S	T			
40PB		12	AEL201	AS201															
40PB	1/2	12.700	AEL201-008	AS201-008	22.2	43.7	68.3	85.7	25.4	2.5	9.5	10.3	30.2	18.2	22.1	12.7	136.2	8300	
40PB		15	AEL202	AS202															
40PB	5/8	15.875	AEL202-010	AS202-010															
47PB		20	AEL204	AS204															
47PB	3/4	19.050	AEL204-012	AS204-012	25.4	50.4	76.2	98.4	31.8	2.5	9.5	10.3	33.3	21.8	23.5	15.9	158.9	6800	
52PB		25	AEL205	AS205															
52PB	7/8	22.225	AEL205-014	AS205-014	28.6	56.0	85.7	108.0	31.8	2.8	11.1	11.9	38.1	21.8	23.5	15.9	181.6	6000	
52PB	1	25.400	AEL205-100	AS205-100															
62PB		30	AEL206	AS206															
62PB	1-1/8	28.575	AEL206-102	AS206-102	33.3	65.9	95.3	117.5	38.1	3.6	11.1	11.9	44.5	25.4	26.7	19.1	272.4	4800	
62PB	1-1/4	31.750	AEL206-104	AS206-104															

RPB



Part No. Example:

For Bearing AEL205-100
Order Stamping 62RPB
Order Insert T20661-3



The RPB type pillow block has the same construction as the PB type, but has a thick, non-conductive rubber interliner. Bearings in the RPB unit are designated as AEL200 extended inner ring type with self-locking collar.

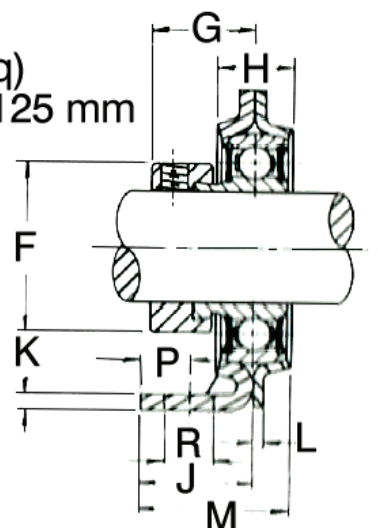
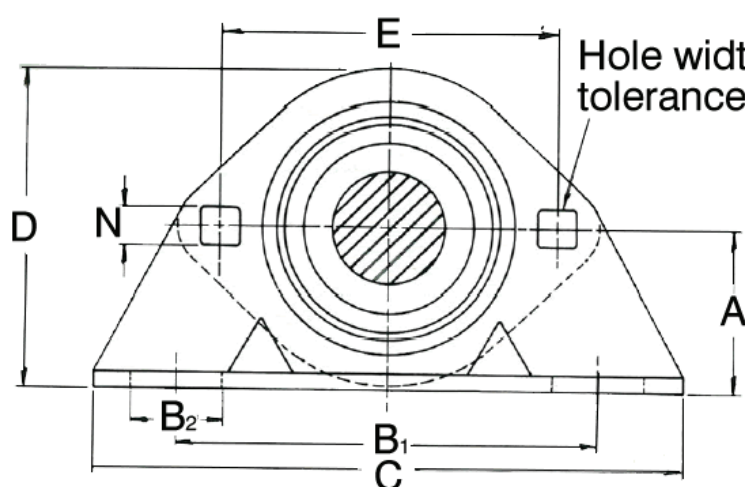
Stamp Size	Shaft Diameter inch mm	Bearing Number		Dimensions in mm													Rubber		
		AEL	AS	A	B	E	F	G	H	J	K	N	O	S	T	LR	LS	Insul	RPM
47RPB	12	AEL201	AS201																
47RPB	1/2 12.700	AEL201-008	AS201-008	25.4	50.4	76.2	98.4	31.8	2.5	9.5	10.3	30.2	18.2	22.1	15.9	90.8	6800	T20661-1	
47RPB	15	AEL202	AS202																
47RPB	5/8 15.875	AEL202-010	AS202-010																
52RPB	20	AEL204	AS204																
52RPB	3/4 19.050	AEL204-012	AS204-012	28.6	59.9	85.7	108.0	31.8	2.8	11.1	11.9	33.3	21.8	23.5	15.9	113.5	6000	T20661-2	
62RPB	25	AEL205	AS205																
62RPB	1 25.400	AEL205-100	AS205-100	33.3	65.9	95.3	117.5	38.1	3.6	11.1	11.9	38.1	25.4	23.5	19.1	136.2	4800	T20661-3	
72RPB	30	AEL206	AS206																
72RPB	1-1/4 31.750	AEL206-104	AS206-104	39.7	77.8	106.3	129.4	42.1	4.6	11.1	11.9	44.5	28.6	27.0	22.2	181.8	4000	T20661-4	

* Thrust rating is 30% of radial rating.

Recommended shaft tolerance - Up to 50mm(2") dia. inclusive Nominal to -.0127mm(.0005")

Over 50mm(2") dia. Nominal to -.0254mm(.0010").

These tolerances correspond to those of precision grinding.



Part No. Example:

For Bearing AEL204-O1 4

Order Stamping 47PBS

Note: AEL = Eccentric Locking Collar

AS = Set Screw Locking

Stamp Size	Shaft Diameter		Bearing Number		Flange No.	Dimensions in mm																	Radial* Load Rating kg/lbf	Brg Limit Speed RPM
	inch	mm	AEL	AS		A	B ₁	B ₂	C	D	E	F	G	H	J	K	L	M	N	P	R			
40PBS	1/2	12	AEL201	AS201	40MST	30.2	92.1	15.9	123.8	59.5	63.5	28.6	22.2	14.3	25.4	2.64	1.91	32.5	7.1	10.3	10.3	272.4	8300	
40PBS				AEL201-008	AS201-008																			
40PBS			15	AEL202	AS202																			
40PBS	5/8		AEL202-010	AS202-010																				
47PBS	3/4	20	AEL204	AS204	47MST	33.3	96.8	15.9	127.0	68.3	71.4	33.3	23.4	15.9	25.4	3.00	2.1	33.3	8.7	10.3	10.3	317.8	6800	
47PBS				AEL204-012	AS204-012																			
52PBS			25	AEL205	AS205																			
52PBS	7/8		AEL205-014	AS205-014																				
52PBS	15/16		AEL205-015	AS205-015	52MST	36.5	95.3	20.6	133.4	72.2	76.2	38.1	23.4	17.5	25.4	3.4	2.1	34.1	8.7	11.1	11.1	363.2	6000	
52PBS	1		AEL205-100	AS205-100																				
62PBS	1-1/16	30	AEL206	AS206																				
62PBS				AEL206-101	AS206-101																			
62PBS			1-1/8	AEL206-102	AS206-102	62MST	42.9	119.1	22.2	158.8	84.9	90.5	44.5	26.6	17.5	30.2	3.4	2.64	37.3	10.3	14.3	14.3	363.2	4800
62PBS	1-3/16		AEL206-103	AS206-103																				
62PBS	1-1/4		AEL206-104	AS206-104																				
72PBS	1-1/4	35	AEL207	AS207																				
72PBS				AEL207-104	AS207-104																			
72PBS			1-3/8	AEL207-106	AS207-106	72MST	47.6	127	22.2	165.1	94.5	100.0	55.6	29.4	22.2	34.9	3.78	2.64	46.0	10.3	14.3	14.3	408.6	4000
72PBS	1-7/16		AEL207-107	AS207-107																				

* Thrust Rating is 20% of Radial Rating.

A complete PBS unit consists of PBS stamping, MST flange and AEL/AS Bearings with collar.

OTHER BEARING SIZES AND TYPES AVAILABLE ON REQUEST.

Recommended shaft tolerance - : Up to 50mm(2") dia. inclusive Nominal

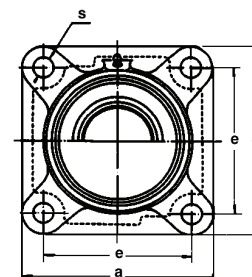
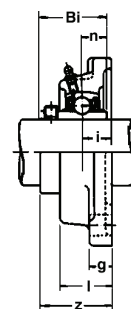
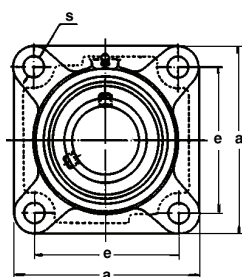
BALL BRG UNITS

Flanged: 4 Bolt Square
Cast Iron: UCF 200

Square Flange Cartridges: UCF 200
with Set Screws
Shaft Diameter: 12 - 90 mm
1/2 to 3-1/2 inches

Part No. Example:

For Bearing UC 202
Order Complete Unit UCF 202



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Bolt Size	Hsng No. mm	Appr Wt. Kg
	mm	inch		A	E	I	G	L	S	Z	Bi	N				
UCF201	12		UC201	86	64	15	12	25.5	12	33.3	31.0	12.7	M10	F204	0.67	
UCF201-008	12.700	1/2	UC201-008													
UCF202-009	14.288	9/16	UC202-009													
UCF202	15		UC202	86	64	15	12	25.5	12	33.3	31.0	12.7	M10	F204	0.66	
UCF202-010	15.875	5/8	UC202-010													
UCF203	17		UC203	86	64	15	12	25.5	12	33.3	31.0	12.7	M10	F204	0.64	
UCF203-011	17.462	11/16	UC203-011													
UCF204-012	19.050	3/4	UC204-012	86	64	15	12	25.5	12	33.3	31.0	12.7	M10	F204	0.62	
UCF204	20		UC204													
UCF205-013	20.638	13/16	UC205-013													
UCF205-014	22.225	7/8	UC205-014													
UCF205-015	23.812	15/16	UC205-015	95	70	16	14	27.0	12	35.7	34.0	14.3	M10	F205	0.85	
UCF205	25		UC205													
UCF205-100	25.400	1	UC205-100													
UCF206-101	26.988	1-1/16	UC206-101													
UCF206-102	28.575	1-1/8	UC206-102													
UCF206	30		UC206	108	83	18	14	31.0	12	40.2	38.1	15.9	M10	F206	1.14	
UCF206-103	30.162	1-3/16	UC206-103													
UCF206-104	31.750	1-1/4	UC206-104													
UCF207-104	31.750		UC207-104													
UCF207-105	33.338	1-5/16	UC207-105													
UCF207-106	34.925	1-3/8	UC207-106	117	92	19	16	34.0	14	44.4	42.9	17.5	M12	F207	1.47	
UCF207	35		UC207													
UCF207-107	36.512	1-7/16	UC207-107													
UCF208-107	36.512	1-7/16	UC208-107													
UCF208-108	38.100	1-1/2	UC208-108	130	102	21	16	36.0	16	51.2	49.2	19.0	M14	F208	2.10	
UCF208-109	39.688	1-9/16	UC208-109													
UCF208	40		UC208													
UCF209-110	41.275	1-5/8	UC209-110													
UCF209-111	42.862	1-11/16	UC209-111	137	105	22	18	38.0	16	52.2	49.2	19.0	M14	F209	2.50	
UCF209-112	44.450	1-3/4	UC209-112													
UCF209	45		UC209													
UCF210-113	46.038	1-13/16	UC210-113													
UCF210-114	47.625	1-7/8	UC210-114													
UCF210-115	49.212	1-15/16	UC210-115	143	111	22	18	40.0	16	54.6	51.6	19.0	M14	F210	2.60	
UCF210	50		UC210													
UCF210-200	50.800		UC210-200													
UCF211-200	50.800	2	UC211-200													
UCF211-201	52.388	2-1/16	UC211-201													
UCF211-202	53.975	2-1/8	UC211-202	162	130	25	20	43.0	19	58.4	55.6	22.2	M16	F211	3.60	
UCF211	55		UC211													
UCF211-203	55.562	2-3/16	UC211-203													
UCF212-204	57.150	2-1/4	UC212-204													
UCF212-205	58.738	2-5/16	UC212-205	175	143	29	20	48.0	19	68.7	65.1	25.4	M16	F212	4.90	
UCF212	60		UC212													
UCF212-206	60.325	2-3/8	UC212-206													
UCF213-207	61.912	2-7/16	UC213-207													
UCF213-208	63.500	2-1/2	UC213-208	187	149	30	20	50.0	19	69.7	65.1	25.4	M16	F213	5.90	
UCF213	65		UC213													
UCF214-210	66.675	2-5/8	UC214-210													
UCF214-211	68.262	2-11/16	UC214-211	193	152	31	24	54.0	19	75.4	74.6	30.2	M16	F214	6.70	
UCF214-212	69.850	2-3/4	UC214-212													
UCF214	70		UC214													
UCF215-213	71.438	2-13/16	UC215-213													
UCF215-214	73.025	2-7/8	UC215-214													
UCF215-215	74.612	2-15/16	UC215-215	200	159	34	24	56.0	19	78.5	77.8	33.3	M16	F215	7.70	
UCF215	75		UC215													
UCF215-300	76.200	3	UC215-300													
UCF215-302	79.375	3-1/8	UC215-302													
UCF216	80		UC216	208	165	34	24	58.0	23	83.3	82.6	33.3	M20	F216	8.20	
UCF216-303	80.962	3-3/16	UC216-303													
UCF217-304	82.550	3-1/4	UC217-304	220	175	36	26	63.0	23	87.6	85.7	34.1	M20	F217	9.80	
UCF217	85		UC217													
UCF218-307	87.312	3-7/16	UC218-307													
UCF218-308	88.900	3-1/2	UC218-308	235	187	40	26	63.0	23	96.3	96.0	39.7	M20	F218	12.2	
UCF218	90		UC218													

BALL BRG UNITS

Flanged: 4 Bolt Square

Cast Iron: UCF X00

Square Flange Cartridges:

UCF X00

with Set Screws

Shaft Diameter:

23.812 ~101.6 mm

15/16 to 4 inches

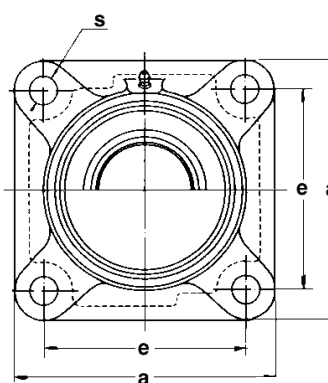
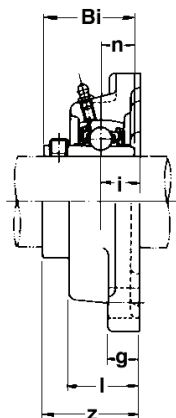
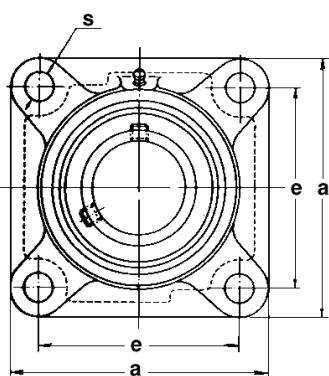
Part No. Example:

For Bearing

UC X06

Order Complete Unit

UCF X06



Unit No	Shaft Diameter		Bearing No	Dimensions in MM										Bolt Size mm	Hsng No.	Appr Wt. Kg
	mm	inch		A	E	I	G	L	S	Z	Bi	N				
UCFX05-015	23.812	15/16	UC206-015													
UCFX05	25		UCX05	108	83	18	13	30	12	40.2	38.1	15.9	M10	FX05	1.16	
UCFX05-100	25.400	1	UC206-100													
UCFX06	30		UCX06													
UCFX06-103	30.162	1-3/16	UC207-103	117	92	19	14	34	16	44.4	42.9	17.5	M14	FX06	1.25	
UCFX06-104	31.750	1-1/4	UC207-104													
UCFX07	35		UCX07	130	102	21	14	38	16	51.2	49.2	19.0	M14	FX07	2.00	
UCFX07-107	36.512	1-7/16	UC208-107													
UCFX08-108	38.100	1-1/2	UC209-108	137	105	22	14	40	19	52.2	49.2	19.0	M16	FX08	2.40	
UCFX08	40		UCX08													
UCFX09-111	42.862	1-11/16	UC210-111													
UCFX09-112	44.450	1-3/4	UC210-112	143	111	23	14	40	19	55.6	51.6	19.0	M16	FX09	2.60	
UCFX09	45		UCX09													
UCFX10-115	49.212	1-15/16	UC211-115													
UCFX10	50		UCX10	162	130	26	20	44	19	59.4	55.6	22.2	M16	FX10	3.80	
UCFX10-200	50.800	2	UC211-200													
UCFX11	55		UCX11													
UCFX11-203	55.562	2-3/16	UC212-203	175	143	29	20	49	19	68.7	65.1	25.4	M16	FX11	4.80	
UCFX11-204	57.150	2-1/4	UC212-204													
UCFX12	60		UCX12	187	149	34	21	59	19	73.7	65.1	25.4	M16	FX12	6.20	
UCFX13-207	61.912	2-7/16	UC214-207													
UCFX13-208	63.500	2-1/2	UC214-208	187	149	34	21	59	19	78.4	74.6	30.2	M16	FX13	6.70	
UCFX13	65		UCX13													
UCFX14-211	68.262	2-11/16	UC215-211													
UCFX14-212	69.850	2-3/4	UC215-212	197	152	37	24	60	23	81.5	77.8	33.3	M20	FX14	7.50	
UCFX14	70		UCX14													
UCFX15-215	74.612	2-15/16	UC216-215													
UCFX15	75		UCX15	197	152	40	24	68	23	89.3	82.6	33.3	M20	FX15	8.10	
UCFX15-300	76.200	3	UC216-300													
UCFX16	80		UCX16													
UCFX16-303	80.962	3-3/16	UC217-303	214	171	40	24	70	23	91.6	85.7	34.1	M20	FX16	10.30	
UCFX16-304	82.550	3-1/4	UC217-304													
UCFX17	85		UCX17													
UCFX17-307	87.312	3-7/16	UC218-307	214	171	40	24	70	23	96.3	96.0	39.7	M20	FX17	10.50	
UCFX17-308	88.900	3-1/2	UC218-308													
UCFX18	90		UCX18	214	171	45	24	76	23	106.1	104.0	42.9	M20	FX18	11.90	
UCFX20	100		UCX20													
UCFX20-315	100.012	3-15/16	UC221-315	268	211	59	31	97	31	127.3	117.5	49.2	M27	FX20	23.00	
UCFX20-400	101.600	4	UC221-400													

BALL BRG UNITS

Flanged: 4 Bolt Square

Cast Iron: UCF 300

Square Flange Cartridges: UCF 300

with Set Screws

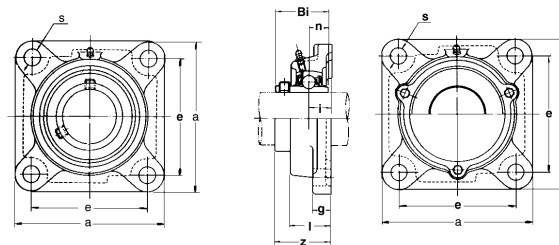
Shaft Diameter: 20.638 ~ 140mm

13/16 to 4 inches

Part No. Example:

For Bearing
Order Complete Unit

UC 305
UCF 305



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Bolt Size mm	Hsng No.	Appr Wt. Kg
	mm	inch		A	E	I	G	L	S	Z	Bi	N				
UCF305-013	20.638	13/16	UC305-013													
UCF305-014	22.225	7/8	UC305-014													
UCF305-015	23.812	15/16	UC305-015	110	80	16	13	29	16	39	38	15	M14	F305	1.15	
UCF305	25		UC305													
UCF305-100	25.400	1	UC305-100													
UCF306-101	26.988	1-1/16	UC306-101													
UCF306-102	28.575	1-1/8	UC306-102													
UCF306	30		UC306	125	95	18	15	32	16	44	43	17	M14	F306	1.64	
UCF306-103	30.162	1-3/16	UC306-103													
UCF306-104	31.750	1-1/4	UC306-104													
UCF307-104	31.750	1-1/4	UC307-104													
UCF307-105	33.338	1-5/16	UC307-105													
UCF307-106	34.925	1-3/8	UC307-106	135	100	20	16	36	19	49	48	19	M16	F307	2.20	
UCF307	35		UC307													
UCF307-107	36.512	1-7/16	UC307-107													
UCF308-107	36.512	1-7/16	UC308-107													
UCF308-108	38.100	1-1/2	UC308-108	150	112	23	17	40	19	56	52	19	M16	F308	2.90	
UCF308-109	39.688	1-9/16	UC308-109													
UCF308	40		UC308													
UCF309-110	41.275	1-5/8	UC309-110													
UCF309-111	42.862	1-11/16	UC309-111	160	125	25	18	44	19	60	57	22	M16	F309	3.70	
UCF309-112	44.450	1-3/4	UC309-112													
UCF309	45		UC309													
UCF310-113	46.038	1-13/16	UC310-113													
UCF310-114	47.625	1-7/8	UC310-114													
UCF310-115	49.212	1-15/16	UC310-115	175	132	28	19	48	23	67	61	22	M20	F310	4.70	
UCF310	50		UC310													
UCF310-200	50.800	2	UC310-200													
UCF311-200	50.800	2	UC311-200													
UCF311-201	52.388	2-1/16	UC311-201													
UCF311-202	53.975	2-1/8	UC311-202	185	140	30	20	52	23	71	66	25	M20	F311	5.80	
UCF311	55		UC311													
UCF311-203	55.562	2-3/16	UC311-203													
UCF312-204	57.150	2-1/4	UC312-204													
UCF312-205	58.738	2-5/16	UC312-205	195	150	33	22	56	23	78	71	26	M20	F312	7.60	
UCF312	60		UC312													
UCF312-206	60.325	2-3/8	UC312-206													
UCF313-207	61.912	2-7/16	UC313-207													
UCF313-208	63.500	2-1/2	UC313-208	208	166	33	22	58	23	78	75	30	M20	F313	8.30	
UCF313	65		UC313													
UCF314-210	66.675	2-5/8	UC314-210													
UCF314-211	68.262	2-11/16	UC314-211	226	178	36	25	61	25	81	78	33	M22	F314	9.90	
UCF314-212	69.850	2-3/4	UC314-212													
UCF314	70		UC314													
UCF315-213	71.438	2-13/16	UC315-213													
UCF315-214	73.025	2-7/8	UC315-214													
UCF315-215	74.612	2-15/16	UC315-215	236	184	39	25	66	25	89	82	32	M22	F315	11.20	
UCF315	75		UC315													
UCF315-300	76.200	3	UC315-300													
UCF316-302	79.375	3-1/8	UC316-302													
UCF316	80		UC316	250	196	38	27	68	31	90	86	34	M27	F316	13.60	
UCF316-303	80.962	3-3/16	UC316-303													
UCF317-304	82.550	3-1/4	UC317-304	260	204	44	27	74	31	100	96	40	M27	F317	15.80	
UCF317	85		UC317													
UCF318-307	87.312	3-7/16	UC318-307													
UCF318-308	88.900	3-1/2	UC318-308	280	216	44	30	76	35	100	96	40	M30	F318	20.00	
UCF318	90		UC318													
UCF319	95		UC319	290	228	59	30	94	35	121	103	41	M30	F319	22.00	
UCF319-312	95.250	3-3/4	UC319-312													
UCF320	100		UC320													
UCF320-315	100.012	3-15/16	UC320-315	310	242	59	32	94	38	125	108	42	M33	F320	27.00	
UCF320-400	101.600	4	UC320-400													
UCF321	105		UC321	310	242	59	32	94	38	127	112	44	M33	F321	28.00	
UCF322	110		UC322	340	266	60	35	96	41	131	117	46	M36	F322	37.00	
UCF324	120		UC324	370	290	65	40	110	41	140	126	51	M36	F324	50.00	
UCF326	130		UC326	410	320	65	45	115	41	146	135	54	M36	F326	65.00	
UCF328	140		UC328	450	350	75	55	125	41	161	145	59	M36	F328	86.00	

BALL BRG UNITS

Flanged: 4 Bolt Square

Cast Iron: UKF 200

Square Flange Cartridges

UKF 200 + H

with Adapter

Shaft Diameter:

19.050 ~ 80.962 mm

3/4 to 3-3/16 inches

Part No. Example:

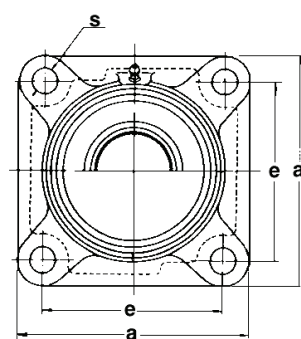
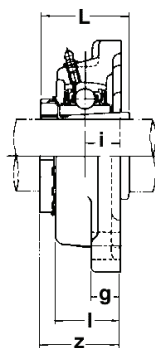
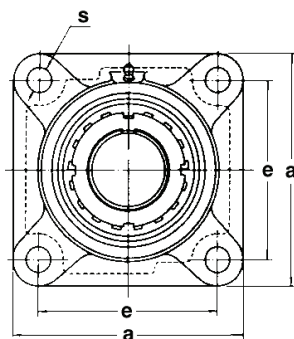
For Bearing

Order Complete Unit

UK 205

UKF 205 + H2305

(to fit 20mm shaft)



Unit No	Shaft Diameter		Bearing No	Dimensions in mm									Bolt Size mm	Hsng No.	Appr Wt. Kg
	mm	inch		a	e	i	g	l	s	z	L				
UKF205+HE2305	19.050	3/4	UK205	95	70	16	14	27	12	35.5	35	M10	F205	0.88	
UKF205+H 2305	20														
UKF206+HS2306	22.225	7/8													
UKF206+HA2306	23.812	15/16	UK206	108	83	18	14	31	12	39.0	38	M10	F206	1.23	
UKF206+H 2306	25														
UKF206+HE2306	25.400	1													
UKF207+HS2307	28.575	1-1/8													
UKF207+H 2307	30		UK207	117	92	19	16	34	14	41.5	43	M12	F207	1.52	
UKF207+HA2307	30.162	1-3/16													
UKF208+HE2308	31.750	1-1/4													
UKF208+HS2308	34.925	1-3/8	UK208	130	102	21	16	36	16	45.5	46	M14	F208	2.00	
UKF208+H 2308	35														
UKF209+HA2309	36.512	1-7/16													
UKF209+HE2309	38.100	1-1/2	UK209	137	105	22	18	38	16	48.0	50	M14	F209	2.50	
UKF209+H 2309	40														
UKF210+HS2310	41.275	1-5/8													
UKF210+HA2310	42.862	1-11/16	UK210	143	111	22	18	40	16	49.5	55	M14	F210	2.80	
UKF210+HE2310	44.450	1-3/4													
UKF210+H 2310	45														
UKF211+HS2311	47.625	1-7/8													
UKF211+HA2311	49.212	1-15/16	UK211	162	130	25	20	43	19	53.5	59	M16	F211	3.70	
UKF211+H 2311	50														
UKF211+HE2311	50.800	2													
UKF212+HS2312	53.975	2-1/8	UK212	175	143	29	20	48	19	60.0	62	M16	F212	4.80	
UKF212+H 2312	55														
UKF213+HA2313	55.562	2-3/16													
UKF213+HE2313	57.150	2-1/4	UK213	187	149	30	20	50	19	63.0	65	M16	F213	6.00	
UKF213+H 2313	60														
UKF213+HS2313	60.325	2-3/8													
UKF215+HA2315	61.912	2-7/16													
UKF215+HE2315	63.500	2-1/2	UK215	200	159	34	24	56	19	69.5	73	M16	F215	8.00	
UKF215+H 2315	65														
UKF216+HA2316	68.262	2-11/16													
UKF216+HE2316	69.850	2-3/4	UK216	208	165	34	24	58	23	73.0	78	M20	F216	8.70	
UKF216+H 2316	70														
UKF217+HA2317	74.612	2-15/16													
UKF217+H 2317	75		UK217	220	175	36	26	63	23	77.0	82	M20	F217	10.10	
UKF217+HE2317	76.200	3													
UKF218+HS2318	79.375	3-1/8													
UKF218+H 2318	80	3-1/8	UK218	235	187	40	26	68	23	82.5	86	M20	F218	12.70	
UKF218+HA2318	80.962	3-3/16													

BALL BRG UNITS

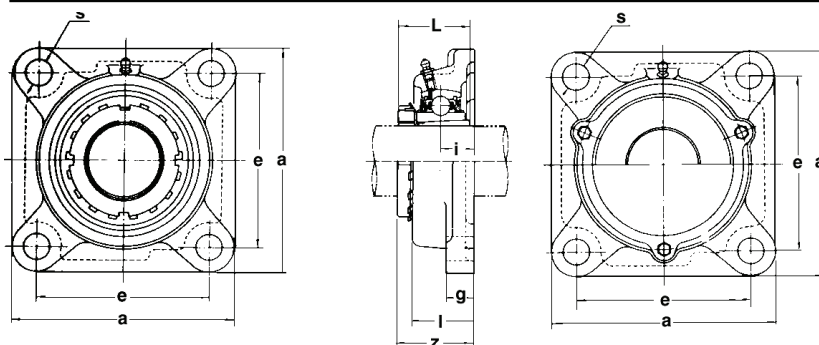
Flanged: 4 Bolt Square

Cast Iron: UKF 300

Part No. Example:

For Bearing UK 310
Order Complete Unit UKF 310 + H2310 (to fit 45mm shaft)
Unit No. with Cast Cover UKF 310 + C + HE2310 (Open)
UKF 310 + CE + HE2310 (Closed)

Square Flange Cartridges
UKF 300 + H
with Adapter
Shaft Diameter:
19.050 ~ 125 mm
3/4 - 4 inches



Unit No	Shaft Diameter		Bearing No	Dimensions in mm								Bolt Size mm	Hsng No	Appr No	Wt. Kg
	mm	inch		a	e	i	g	l	s	z	L				
UKF305+HE2305	19.050	3/4	UK305	110	80	16	13	29	16	37.0	35	M16	F305		1.17
UKF305+H 2305	20														
UKF306+HS2306	22.225	7/8													
UKF306+HA2306	23.812	15/16	UK306	125	95	18	15	32	16	40.5	38	M16	F306		1.66
UKF306+H 2306	25														
UKF306+HE2306	25.400	1													
UKF307+HS2307	28.575	1-1/8													
UKF307+H 2307	30		UK307	135	100	20	16	36	19	44.5	43	M16	F307		2.20
UKF307+HA2307	30.162	1-3/16													
UKF308+HE2308	31.750	1-1/4													
UKF308+HS2308	34.925	1-3/8	UK308	150	112	23	17	40	19	50.0	46	M16	F308		2.90
UKF308+H 2308	35														
UKF309+HA2309	36.512	1-7/16													
UKF309+HE2309	38.100	1-1/2	UK309	160	125	25	18	44	19	54.5	50	M16	F309		3.60
UKF309+H 2309	40														
UKF310+HS2310	41.275	1-5/8													
UKF310+HA2310	42.862	1-11/16	UK310	175	132	28	19	48	23	60.0	55	M20	F310		4.80
UKF310+HE2310	44.450	1-3/4													
UKF310+H 2310	45														
UKF311+HS2311	47.625	1-7/8													
UKF311+HA2311	49.212	1-15/16	UK311	185	140	30	20	52	23	63.5	59	M20	F311		5.80
UKF311+H 2311	50														
UKF311+HE2311	50.800	2													
UKF312+HS2312	53.975	2-1/8	UK312	195	150	33	22	56	23	69.0	62	M20	F312		7.30
UKF312+H 2312	55														
UKF313+HA2313	55.562	2-3/16													
UKF313+HE2313	57.150	2-1/4	UK313	208	166	33	22	58	23	71.0	65	M20	F313		8.30
UKF313+H 2313	60														
UKF313+HS2313	60.325	2-3/8													
UKF315+HA2315	61.912	2-7/16													
UKF315+HE2315	63.500	2-1/2	UK315	236	184	39	25	66	25	81.0	73	M22	F315		11.40
UKF315+H 2315	65														
UKF316+HA2316	68.262	2-11/16													
UKF316+HE2316	69.850	2-3/4	UK316	250	196	38	27	68	31	83.5	78	M27	F316		13.80
UKF316+H 2316	70														
UKF317+HA2317	74.612	2-15/16													
UKF317+H 2317	75		UK317	260	204	44	27	74	31	92.0	82	M27	F317		15.40
UKF317+HE2317	76.200	3													
UKF318+HS2318	79.375	3-1/8													
UKF318+H 2318	80		UK318	280	216	44	30	76	35	93.5	86	M30	F318		20.0
UKF318+HA2318	80.962	3-3/16													
UKF319+HE2319	82.550	3-1/4	UK319	290	228	59	30	94	35	111.0	90	M30	F319		21.0
UKF319+H 2319	85														
UKF320+HE2320	88.900	3-1/2	UK320	310	242	59	32	94	38	115.0	97	M33	F320		27.0
UKF320+H 2320	90														
UKF322+H 2322	100	3-15/16	UK322	340	266	60	35	96	41	121.0	105	M36	F322		37.0
UKF322+HE2322	101.60	4													
UKF324+H 2324	110		UK324	370	290	65	40	110	41	130.0	112	M36	F324		49.0
UKF326+H 2326	115		UK326	410	320	65	45	115	41	134.0	121	M36	F326		65.0
UKF328+H 2328	125		UK328	450	350	75	55	125	41	148.0	131	M36	F328		86.0

BALL BRG UNITS

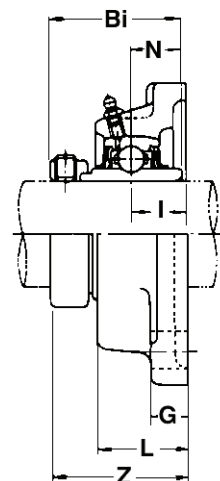
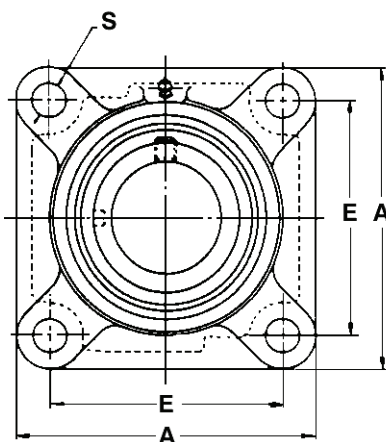
Flanged: 4 Bolt Square

Cast Iron: UELF 200

Square Flange Cartridges
UELF 200
 with Eccentric Locking Collar
 Shaft Diameter:
 12 - 60.325 mm
 1/2 to 2-3/8 inches

Part No. Example:

For Bearing UEL 205
 Order Complete Unit UELF 205

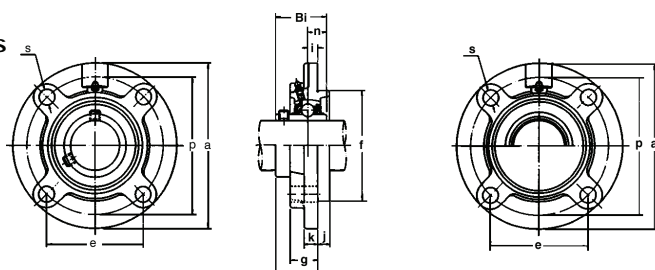


Unit No	Shaft Diameter		Bearing No	Dimensions in mm										Bolt Size mm	Hsng No	Appr Wt. Kg
	mm	inch		A	E	I	G	L	S	Z	Bi	N				
UELF201	12		UEL201	76	54	17	12	27	10.5	40.4	37.3	13.9	M10	F203	0.60	
UELF201-008	12.700	1/2	UEL201-008													
UELF202-009	14.288	9/16	UEL202-009													
UELF202	15		UEL202	76	54	17	12	27	10.5	40.4	37.3	13.9	M10	F203	0.58	
UELF202-010	15.875	5/8	UEL202-010													
UELF203	17		UEL203	76	54	17	12	27	10.5	40.4	37.3	13.9	M10	F203	0.57	
UELF203-011	17.462	11/16	UEL203-011													
UELF204-012	19.050	3/4	UEL204-012	86	63.5	19	12	29.5	12	45.6	43.7	17.1	M10	F204	0.71	
UELF204	20		UEL204													
UELF205-013	20.638	13/16	UEL205-013													
UELF205-014	22.225	7/8	UEL205-014													
UELF205-015	23.812	15/16	UEL205-015	95	70	19	14	30	12	45.9	44.4	17.5	M10	F205	0.89	
UELF205	25		UEL205													
UELF205-100	25.400	1	UEL205-100													
UELF206-101	26.988	1-1/16	UEL206-101													
UELF206-102	28.575	1-1/8	UEL206-102													
UELF206	30		UEL206	108	82.5	20	14	33	12	50.1	48.4	18.3	M10	F206	1.20	
UELF206-103	30.162	1-3/16	UEL206-103													
UELF206-104	31.750	1-1/4	UEL206-104													
UELF207-104	31.750	1-1/4	UEL207-104													
UELF207-105	33.338	1-5/16	UEL207-105													
UELF207-106	34.925	1-3/8	UEL207-106	117	92	21	16	36	14	53.3	51.1	18.8	M12	F207	1.59	
UELF207	35		UEL207													
UELF207-107	36.512	1-7/16	UEL207-107													
UELF208-107	36.512	1-7/16	UEL208-107													
UELF208-108	38.100	1-1/2	UEL208-108	130	101.5	24	16	39	14	58.9	56.3	21.4	M14	F208	2.20	
UELF208-109	39.688	1-9/16	UEL208-109													
UELF208	40		UEL208													
UELF209-110	41.275	1-5/8	UEL209-110													
UELF209-111	42.862	1-11/16	UEL209-111	137	105	24	18	40	16	58.9	56.3	21.4	M14	F209	2.50	
UELF209-112	44.450	1-3/4	UEL209-112													
UELF209	45		UEL209													
UELF210-113	46.038	1-13/16	UEL210-113													
UELF210-114	47.625	1-7/8	UEL210-114													
UELF210-115	49.212	1-15/16	UEL210-115	143	111	28	18	46	16	66.1	62.7	24.6	M14	F210	2.80	
UELF210	50		UEL210													
UELF210-200	50.800	2	UEL210-200													
UELF211-200	50.800	2	UEL211-200													
UELF211-201	52.388	2-1/16	UEL211-201													
UELF211-202	53.975	2-1/8	UEL211-202	162	130	31	20	49	18	74.6	71.4	27.8	M16	F211	3.90	
UELF211	55		UEL211													
UELF211-203	55.562	2-3/16	UEL211-203													
UELF212-204	57.150	2-1/4	UEL212-204													
UELF212-205	58.738	2-5/16	UEL212-205	175	143	34	20	53	18	80.8	77.8	31	M16	F212	5.10	
UELF212	60		UEL212													
UELF212-206	60.325	2-3/8	UEL212-206													

BALL BRG UNITS

Flanged: 4 Bolt Round
Cast Iron: UCFC 200

Round Flange Cartridges
with Centering Pilots
UCFC 200
with Set Screws
Shaft Diameter:
12 ~ 90 mm
1/2 to 3-1/2 inches



Part No. Example:

For Bearing UC 205
Order Complete Unit UCFC 205

Unit No	Shaft Diameter mm inch		Bearing No	Dimensions in mm												Hsng Size mm	Appr No	Wt. Kg
				a	p	e	i	s	j	k	g	f	z	Bi	N			
UCFC201	12		UC201															
UCFC201-008	12.700	1/2	UC201-008	100	78	55.1	10	12	5	7	20.5	62	28.3	31.0	12.7	M10	FC204	0.73
UCFC202-009	14.288	9/16	UC202-009															
UCFC202	15		UC202	100	78	55.1	10	12	5	7	20.5	62	28.3	31.0	12.7	M10	FC204	0.71
UCFC202-010	15.875	5/8	UC202-010															
UCFC203	17		UC203	100	78	55.1	10	12	5	7	20.5	62	28.3	31.0	12.7	M10	FC204	0.70
UCFC203-011	17.462	11/16	UC203-011															
UCFC204-012	19.050	3/4	UC204-012	100	78	55.1	10	12	5	7	20.5	62	28.3	31.0	12.7	M10	FC204	0.68
UCFC204	20		UC204															
UCFC205-013	20.638	13/16	UC205-013															
UCFC205-014	22.225	7/8	UC205-014															
UCFC205-015	23.812	15/16	UC205-015	115	90	63.6	10	12	6	7	21.0	70	29.7	34.0	14.3	M10	FC205	0.94
UCFC205	25		UC205															
UCFC205-100	25.400	1	UC205-100															
UCFC206-101	26.988	1-1/16	UC206-101															
UCFC206-102	28.575	1-1/8	UC206-102															
UCFC206	30		UC206	125	100	70.7	10	12	8	8	23.0	80	32.2	38.1	15.9	M10	FC206	1.23
UCFC206-103	30.162	1-3/16	UC206-103															
UCFC206-104	31.750	1-1/4	UC206-104															
UCFC207-104	31.750	1-1/4	UC207-104															
UCFC207-105	33.338	1-5/16	UC207-105															
UCFC207-106	34.925	1-3/8	UC207-106	135	110	77.8	11	14	8	9	26.0	90	36.4	42.9	17.5	M12	FC207	1.58
UCFC207	35		UC207															
UCFC207-107	36.512	1-7/16	UC207-107															
UCFC208-107	36.512	1-7/16	UC208-107															
UCFC208-108	38.100	1-1/2	UC208-108	145	120	84.8	11	14	10	9	26.0	100	41.2	49.2	19.0	M12	FC208	1.92
UCFC208-109	39.688	1-9/16	UC208-109															
UCFC208	40		UC208															
UCFC209-110	41.275	1-5/8	UC209-110															
UCFC209-111	42.862	1-11/16	UC209-111	160	132	93.3	10	16	12	14	26.0	105	40.2	49.2	19.0	M14	FC209	2.70
UCFC209-112	44.450	1-3/4	UC209-112															
UCFC209	45		UC209															
UCFC210-113	46.038	1-13/16	UC210-113															
UCFC210-114	47.625	1-7/8	UC210-114															
UCFC210-115	49.212	1-15/16	UC210-115	165	138	97.6	10	16	12	14	28.0	110	42.6	51.6	19.0	M14	FC210	2.80
UCFC210	50		UC210															
UCFC210-200	50.800	2	UC210-200															
UCFC211-200	50.800	2	UC211-200															
UCFC211-201	52.388	2-1/16	UC211-201															
UCFC211-202	53.975	2-1/8	UC211-202	185	150	106.1	13	19	12	15	31.0	125	46.4	55.6	22.2	M16	FC211	3.90
UCFC211	55		UC211															
UCFC211-203	55.562	2-3/16	UC211-203															
UCFC212-204	57.150	2-1/4	UC212-204															
UCFC212-205	58.738	2-5/16	UC212-205	195	160	113.1	17	19	12	15	36.0	135	56.7	65.1	25.4	M16	FC212	4.90
UCFC212	60		UC212															
UCFC212-206	60.325	2-3/8	UC212-206															
UCFC213-207	61.912	2-7/16	UC213-207															
UCFC213-208	63.500	2-1/2	UC213-208	205	170	120.2	16	19	14	15	36.0	145	55.7	65.1	25.4	M16	FC213	5.50
UCFC213	65		UC213															
UCFC214-210	66.675	2-5/8	UC214-210															
UCFC214-211	68.262	2-11/16	UC214-211	215	177	125.1	17	19	14	18	40.0	150	61.4	74.6	30.2	M16	FC214	7.00
UCFC214-212	69.850	2-3/4	UC214-212															
UCFC214	70		UC214															
UCFC215-213	71.438	2-13/16	UC215-213															
UCFC215-214	73.025	2-7/8	UC215-214															
UCFC215-215	74.612	2-15/16	UC215-215	220	184	130.1	18	19	16	18	40.0	160	62.5	77.8	33.3	M16	FC215	7.50
UCFC215	75		UC215															
UCFC215-300	76.200	3	UC215-300															
UCFC216-302	79.375	3-1/8	UC216-302															
UCFC216	80		UC216	240	200	141.4	18	23	16	18	42.0	170	67.3	82.6	33.3	M20	FC216	8.80
UCFC216-303	80.962	3-3/16	UC216-303															
UCFC217-304	82.550	3-1/4	UC217-304	250	208	147.1	18	23	18	20	45.0	180	69.6	85.7	34.1	M20	FC217	10.80
UCFC217	85		UC217															
UCFC218-307	87.312	3-7/16	UC218-307															
UCFC218-308	88.900	3-1/2	UC218-308	265	220	155.5	22	23	18	20	50.0	190	78.3	96.0	39.7	M20	FC218	13.00
UCFC218	90		UC218															

BALL BRG UNITS

Flanged: 4 Bolt Round

Cast Iron: UCFC X00

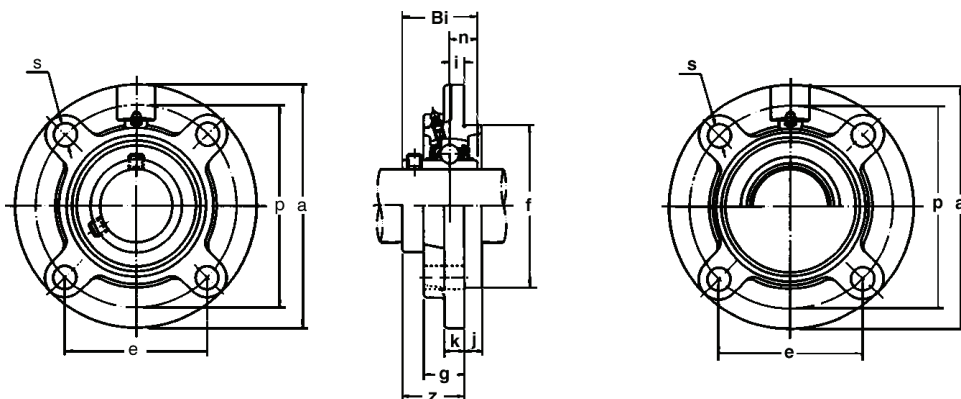
Round Flange Cartridges with Centering Pilots

UCFC X00 with Set Screws

Shaft Diameter:
23.812 ~101.600 mm
15/16 to 4 inches

Part No. Example:

For Bearing UC X06
Order Complete Unit UCFC X06



Unit No	Shaft Diameter		Bearing No	Dimensions in mm												Bolt Size mm	Hsng No	Appr Wt. Kg
	mm	inch		a	p	e	i	s	j	k	g	f	z	Bi	n			
UCFCX05-015	23.812	15/16	UC206-015															
UCFCX05	25		UCX05	111	92	65.0	10	9.5	6.0	9.5	24.0	76	32.2	38.1	15.9	M8	FCX05	1.10
UCFCX05-100	25.400	1	UC206-100															
UCFCX06	30		UCX06															
UCFCX06-103	30.162	1-3/16	UC207-103	127	105	74.2	8	12.0	9.5	9.5	22.5	85	33.4	42.9	17.5	M10	FCX06	1.46
UCFCX06-104	31.750	1-1/4	UC207-104															
UCFCX07	35		UCX07	133	111	78.5	9	12.0	11.0	11.0	26.0	92	39.2	49.2	19.0	M10	FCX07	1.86
UCFCX07-107	36.512	1-7/16	UC208-107															
UCFCX08-108	38.100	1-1/2	UC209-108	133	111	78.5	9	12.0	11.0	11.0	26.0	92	39.2	49.2	19.0	M10	FCX08	1.95
UCFCX08	40		UCX08															
UCFCX09-111	42.862	1-11/16	UC210-111															
UCFCX09-112	44.450	1-3/4	UC210-112	155	130	91.9	8	14.0	12.0	11.0	25.0	108	40.6	51.6	19.0	M12	FCX09	2.50
UCFCX09	45		UCX09															
UCFCX10-115	49.212	1-15/16	UC211-115															
UCFCX10	50		UCX10	162	136	96.2	7	14.0	16.0	11.0	25.0	118	40.4	55.6	22.2	M12	FCX10	3.00
UCFCX10-200	50.800	2	UC211-200															
UCFCX11	55		UCX11															
UCFCX11-203	55.562	2-3/16	UC212-203	180	152	107.5	4	16.0	22.0	13.0	26.0	127	43.7	65.1	25.4	M14	FCX11	4.10
UCFCX11-204	57.150	2-1/4	UC212-204															
UCFCX12	60		UCX12	194	165	116.7	11	16.0	20.0	14.0	33.0	140	50.7	65.1	25.4	M14	FCX12	5.20
UCFCX13-207	61.912	2-7/16	UC214-207															
UCFCX13-208	63.500	2-1/2	UC214-208	194	165	116.7	11	16.0	20.0	14.0	33.0	140	55.4	74.6	30.2	M14	FCX13	5.50
UCFCX13	65		UCX13															
UCFCX14-211	68.262	2-11/16	UC215-211															
UCFCX14-212	69.850	2-3/4	UC215-212	222	190	134.3	14	19.0	20.0	14.0	36.0	164	58.5	77.8	33.3	M16	FCX14	7.10
UCFCX14	70		UCX14															
UCFCX15-215	74.612	2-15/16	UC216-215															
UCFCX15	75		UCX15	222	190	134.3	12	19.0	22.0	16.0	35.0	164	61.3	82.6	33.3	M16	FCX15	7.60
UCFCX15-300	76.200	3	UC216-300															
UCFCX16	80		UCX16															
UCFCX16-303	80.962	3-3/16	UC217-303	260	219	154.8	10	23.0	25.0	19.0	36.0	186	61.6	85.7	34.1	M20	FCX16	11.20
UCFCX16-304	82.550	3-1/4	UC217-304															
UCFCX17	85		UCX17															
UCFCX17-307	87.312	3-7/16	UC218-307	260	219	154.8	10	23.0	25.0	19.0	36.0	186	66.3	96.0	39.7	M20	FCX17	11.40
UCFCX17-308	88.900	3-1/2	UC218-308															
UCFCX18	90		UCX18	260	219	154.8	12	23.0	28.0	19.0	43.0	186	73.1	104.0	42.9	M20	FCX18	12.80
UCFCX20	100		UCX20															
UCFCX20-315	100.012	3-15/16	UC221-315	276	238	168.3	22	23.0	28.0	22.0	66.0	206	90.3	117.5	49.2	M20	FCX20	17.70
UCFCX20-400	101.600	4	UC221-400															

Note: Pressed Steel covers are also available. Please contact any BSC branch near you.

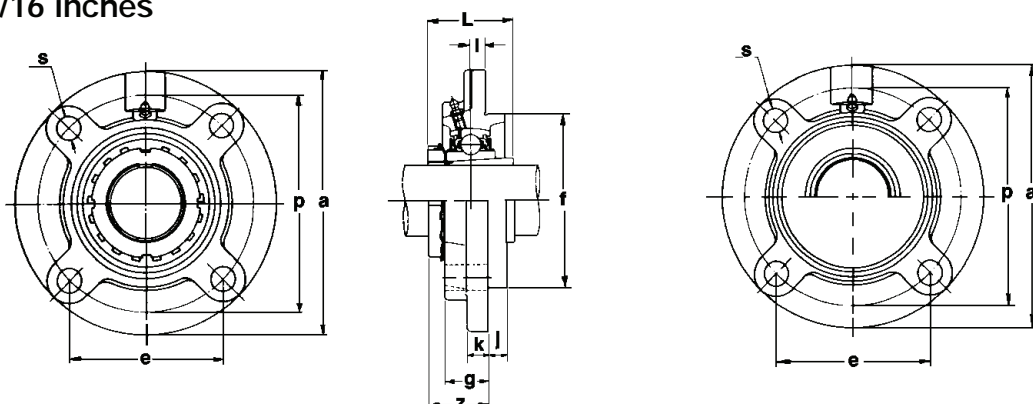
BALL BRG UNITS

Flanged: 4 Bolt Round
Cast Iron: UKFC 200

Round Flange Cartridges with
Centering Pilots
UKFC 200 + H
with Adapter
Shaft Diameter:
19.050 ~ 80.962 mm
3/4 to 3-3/16 inches

Part No. Example:

For Bearing UK 208
Order Complete Unit UKFC 208 + H2308
(to fit 35mm shaft)



Unit No	Shaft Diameter		Bearing No	Dimensions in mm												Bolt Size mm	Hsng No	Appr Wt. Kg
	mm	inch		a	p	e	i	s	j	k	g	f	z	L				
UKFC205+HE2305	19.050	3/4	UK205	115	90	63.6	10	12	6	7	21	70	29.5	35	M10	FC205	0.98	
UKFC205+H 2305	20																	
UKFC206+HS2306	22.225	7/8																
UKFC206+HA2306	23.812	15/16	UK206	125	100	70.7	10	12	8	8	23	80	31.0	38	M10	FC206	1.31	
UKFC206+H 2306	25																	
UKFC206+HE2306	25.400	1																
UKFC207+HS2307	28.575	1-1/8																
UKFC207+H 2307	30		UK207	135	110	77.8	11	14	8	9	26	90	33.5	43	M12	FC207	1.62	
UKFC207+HA2307	30.162	1-3/16																
UKFC208+HE2308	31.750	1-1/4																
UKFC208+HS2308	34.925	1-3/8	UK208	145	120	84.8	11	14	10	9	26	100	35.5	46	M12	FC208	1.93	
UKFC208+H 2308	35																	
UKFC209+HA2309	36.512	1-7/16																
UKFC209+HE2309	38.100	1-1/2	UK209	160	132	93.3	10	16	12	14	26	105	36.0	50	M14	FC209	2.80	
UKFC209+H 2309	40																	
UKFC210+HS2310	41.275	1-5/8																
UKFC210+HA2310	42.862	1-11/16	UK210	165	138	97.6	10	16	12	14	28	110	37.5	55	M14	FC210	3.10	
UKFC210+HE2310	44.450	1-3/4																
UKFC210+H 2310	45																	
UKFC211+HS2311	47.625	1-7/8																
UKFC211+HA2311	49.212	1-15/16	UK211	185	150	106.1	13	19	12	15	31	125	41.5	59	M16	FC211	4.00	
UKFC211+H 2311	50																	
UKFC211+HE2311	50.800	2																
UKFC212+HS2312	53.975	2-1/8	UK212	195	160	113.1	17	19	12	15	36	135	48.0	62	M16	FC212	4.80	
UKFC212+H 2312	55																	
UKFC213+HA2313	55.562	2-3/16																
UKFC213+HE2313	57.150	2-1/4	UK213	205	170	120.2	16	19	14	15	36	145	49.0	65	M16	FC213	5.50	
UKFC213+H 2313	60																	
UKFC213+HS2313	60.325	2-3/8																
UKFC215+HA2315	61.912	2-7/16																
UKFC215+HE2315	63.500	2-1/2	UK215	220	184	130.1	18	19	16	18	40	160	53.5	73	M16	FC215	7.90	
UKFC215+H 2315	65																	
UKFC216+HA2316	68.262	2-11/16																
UKFC216+HE2316	69.850	2-3/4	UK216	240	200	141.4	18	23	16	18	42	170	57.0	78	M20	FC216	9.30	
UKFC216+H 2316	70																	
UKFC217+HA2317	74.612	2-15/16																
UKFC217+H 2317	75		UK217	250	208	147.1	18	23	18	20	45	180	59.0	82	M20	FC217	11.00	
UKFC217+HE2317	76.200	3																
UKFC218+HS2318	79.375	3-1/8																
UKFC218+H 2318	80		UK218	265	220	155.5	22	23	18	20	50	190	64.5	86	M20	FC218	13.50	
UKFC218+HA2318	80.962	3-3/16																

Note: Pressed Steel covers are also available. Please contact any BSC branch near you for details.

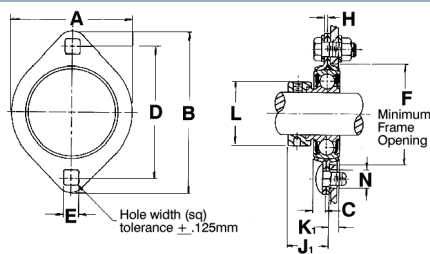
BALL BRG UNITS

Flanged: Pressed Metal
MST, MS

MST

Part No. Example:

For Bearing AEL204-O12
Order Housing 47MST



Stamp Size	Shaft Size	Bearing Number	Dimensions in mm											Bolt Size	N*** Flange Hole Dia.	Stamp* Radl Load Rate kgf/lbf	Brg. Limit Speed RPM
			AEL	AS	A	B	C	D	E	F	H	J1	K1	L			
40MST		12	AEL201	AS201													
40MST	1/2		AEL201-008	AS201-008	58.7	81.0	7.1	63.5	7.1	49.2	1.90	23.8	5.6	28.6	6.4	10.3	272.4 8300
40MST		15	AEL202	AS202													
40MST	5/8		AEL202-010	AS202-010													
47MST		20	AEL204	AS204													
47MST	3/4		AEL204-012	AS204-012	66.7	90.5	7.9	71.4	8.7	55.6	2.10	25.0	6.4	33.3	7.9	12.7	317.8 6800
52MST		25	AEL205	AS205													
52MST	7/8		AEL205-014	AS205-014													
52MST	15/16		AEL205-015	AS205-015	71.0	95.3	8.7	76.2	8.7	60.3	2.10	25.0	7.1	38.1	7.9	12.7	363.2 6000
52MST	1		AEL205-100	AS205-100													
62MST		30	AEL206	AS206													
62MST	1-1/16		AEL206-101	AS206-101													
62MST	1-1/8		AEL206-102	AS206-102	84.1	112.7	8.7	90.5	10.3	71.4	2.64	29.0	6.8	44.5	9.5	15.1	499.4 4800
62MST	1-3/16		AEL206-103	AS206-103													
62MST	1-1/4		AEL206-104	AS206-104													
72MST		35	AEL207	AS207													
72MST	1-1/4		AEL207-104	AS207-104													
72MST	1-3/8		AEL207-106	AS207-106	93.7	125.4	11.1	100.0	10.3	81.0	2.64	32.1	6.8	55.6	9.5	15.1	635.6 4000
72MST	1-7/16		AEL207-107	AS207-107													

* Thrust Ratings are 30% of radial load ratings ** To clear square shank

Recommended shaft tolerance :-

Up to 50mm(2") dia. inclusive Nominal to -.0127mm(.0005") Over 50mm(2") dia.

Nominal to -.0254mm(.0010")

These tolerances correspond to those of precision ground shafting.

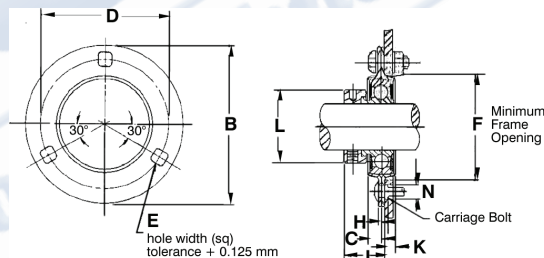
Commercial grade bright mild steel shafting suitable for most applications.

MS

Part No. Example:

For Bearing AEL204-O12
Order Housing 47MS

Note: AEL = Eccentric Collar Locking
AS = Set Screw Locking



Stamp Size	Shaft Size		Bearing Number	Dimensions in mm										Bolt Size	N*** Flange Hole Dia. mm	Stamp* Radl Load Rate	Brg. Limit Speed RPM kgf/lbf
				AEL	AS	B	C	D	E	Hole Width F	H	J1	K1				
40MS		12	AEL201	AS201													
40MS	1/2		AEL201-008	AS201-008	81.0	7.1	63.5	7.1	49.2	1.99	23.8	5.6	28.6	6.4	10.3	272.4	8300
40MS		15	AEL202	AS202													
40MS	5/8		AEL202-010	AS202-010													
47MS		20	AEL204	AS204													
47MS	3/4		AEL204-012	AS204-012	90.5	7.9	71.4	8.7	55.6	1.99	25.0	6.4	33.3	7.9	12.7	317.8	6800
52MS		25	AEL205	AS205													
52MS	7/8		AEL205-014	AS205-014													
52MS	15/16		AEL205-015	AS205-015	95.3	8.7	76.2	8.7	60.3	1.99	25.0	7.1	38.1	7.9	12.7	363.2	6000
52MS	1		AEL205-100	AS205-100													
62MS		30	AEL206	AS206													
62MS	1-1/16		AEL206-101	AS206-101													
62MS	1-1/8		AEL206-102	AS206-102	112.7	8.7	90.5	10.3	71.4	2.52	29.0	6.8	44.5	9.5	15.1	499.4	4800
62MS	1-3/16		AEL206-103	AS206-103													
62MS	1-1/4		AEL206-104	AS206-104													
72MS		35	AEL207	AS207													
72MS	1-1/4		AEL207-104	AS207-104													
72MS	1-3/8		AEL207-106	AS207-106	122.2	9.5	100.0	10.3	81.0	2.52	31.8	7.5	55.6	9.5	15.1	635.6	4000
72MS	1-7/16		AEL207-107	AS207-107													
*80MS		40	AEL208	AS208													
*80MS	1-1/2		AEL208-108	AS208-108	132.2	10.3	119.1	13.5	90.5	3.18	36.1	7.5	60.3	12.7	19.5	771.8	3600
*85MS		45	AEL209	AS209													
*85MS	1-3/4		AEL209-112	AS209-112	149.2	11.1	120.6	13.5	96.8	3.18	36.1	7.5	63.5	12.7	19.5	771.8	3300
*100MS		55	AEL211	AS211													
*100MS	2		AEL211-200	AS211-200	166.7	11.9	138.1	13.5	112.7	3.99	36.5	8.3	76.2	12.7	19.5	1044.2	2800

**Thrust ratings are 30% of radial load ratings.

*80MS to 100MS stampings have four equally spaced bolt holes.

Also available as a re-lubricatable unit - Series 52MSGN, etc.

Recommended shaft tolerance :- Up to 50mm(2") dia. inclusive Nominal to .0127

BALL BRG UNITS

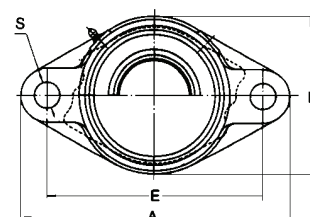
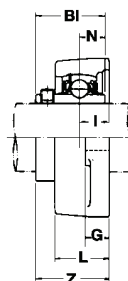
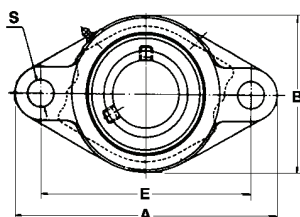
Flanged: 2 Bolt Hole

Cast Iron: UCFL 200

Oval 2-Bolt Cartridges:
UCFL 200
 with Set Screws
 Shaft Diameter: 12 - 90 mm
 1/2 to 3-1/2 inches

Part No. Example:

For Bearing UC 205
 Order Complete Unit UCFL 205



Unit No	Shaft Diameter		Bearing No	Dimensions in mm										Bolt Size mm	Hsng No	Appr Wt. Kg
	mm	inch		a	e	i	g	l	s	b	z	Bi	n			
UCFL201	12		UC201	113	90	15	12	25.5	12	60	33.3	31	12.7	M10	FL204	0.51
UCFL201-008	12.700	1/2	UC201-008													
UCFL202-009	14.288	9/16	UC202-009													
UCFL202	15		UC202	113	90	15	12	25.5	12	60	33.3	31	12.7	M10	FL204	0.49
UCFL202-010	15.875	5/8	UC202-010													
UCFL203	17		UC203	113	90	15	12	25.5	12	60	33.3	31	12.7	M10	FL204	0.48
UCFL203-11	17.462	11/16	UC203-011													
UCFL204-012	19.050	3/4	UC204-012	113	90	15	12	25.5	12	60	33.3	31	12.7	M10	FL204	0.46
UCFL204	20		UC204													
UCFL205-013	20.638	13/16	UC205-013													
UCFL205-014	22.225	7/8	UC205-014													
UCFL205-015	23.812	15/16	UC205-015	130	99	16	14	27	16	68	35.7	34	14.3	M14	FL205	0.65
UCFL205	25		UC205													
UCFL205-100	25.400	1	UC205-100													
UCFL206-101	26.988	1-1/16	UC206-101													
UCFL206-102	28.575	1-1/8	UC206-102													
UCFL206	30		UC206	148	117	18	14	31	16	80	40.2	38.1	15.9	M14	FL206	0.95
UCFL206-103	30.162	1-3/16	UC206-103													
UCFL206-104	31.750	1-1/4	UC206-104													
UCFL207-104	31.750	1-1/4	UC207-104													
UCFL207-105	33.338	1-5/16	UC207-105	161	130	19	16	34	16	90	44.4	42.9	17.5	M14	FL207	1.32
UCFL207-106	34.925	1-3/8	UC207-106													
UCFL207	35		UC207													
UCFL207-107	36.512	1-7/16	UC207-107													
UCFL208-107	36.512	1-7/16	UC208-107													
UCFL208-108	38.100	1-1/2	UC208-108	175	144	21	16	36	16	100	51.2	49.2	19	M14	FL208	1.74
UCFL208-109	39.688	1-9/16	UC208-109													
UCFL208	40		UC208													
UCFL209-110	41.275	1-5/8	UC209-110													
UCFL209-111	42.862	1-11/16	UC209-111	188	148	22	18	38	19	108	52.2	49.2	19	M16	FL209	2.20
UCFL209-112	44.450	1-3/4	UC209-112													
UCFL209	45		UC209													
UCFL210-113	46.038	1-13/16	UC210-113													
UCFL210-114	47.625	1-7/8	UC210-114													
UCFL210-115	49.212	1-15/16	UC210-115	197	157	22	18	40	19	115	54.6	51.6	19	M16	FL210	2.40
UCFL210	50		UC210													
UCFL210-200	50.800	2	UC210-200													
UCFL211-200	50.800	2	UC211-200													
UCFL211-201	52.388	2-1/16	UC211-201	224	184	25	20	43	19	130	58.4	55.6	22.2	M16	FL211	3.40
UCFL211-202	53.975	2-1/8	UC211-202													
UCFL211	55		UC211													
UCFL211-203	55.562	2-3/16	UC211-203													
UCFL212-204	57.150	2-1/4	UC212-204													
UCFL212-205	58.738	2-5/16	UC212-205	250	202	29	20	48	23	140	68.7	65.1	25.4	M20	FL212	4.40
UCFL212	60		UC212													
UCFL212-206	60.325	2-3/8	UC212-206													
UCFL213-207	61.912	2-7/16	UC213-207													
UCFL213-208	63.500	2-1/2	UC213-208	258	210	30	24	50	23	155	69.7	65.1	25.4	M20	FL213	5.50
UCFL213	65		UC213													
UCFL214-210	66.675	2-5/8	UC214-210													
UCFL214-211	68.262	2-11/16	UC214-211	265	216	31	24	54	23	160	75.4	74.6	30.2	M20	FL214	6.50
UCFL214-212	69.850	2-3/4	UC214-212													
UCFL214	70		UC214													
UCFL215-213	71.438	2-13/16	UC215-213													
UCFL215-214	73.025	2-7/8	UC215-214	275	225	34	24	56	23	165	78.5	77.8	33.3	M20	FL215	6.90
UCFL215-215	74.612	2-15/16	UC215-215													
UCFL215	75		UC215													
UCFL215-300	76.200	3	UC215-300													
UCFL216-302	79.375	3-1/8	UC216-302													
UCFL216	80		UC216	290	233	34	24	58	25	180	83.3	82.6	33.3	M22	FL216	8.40
UCFL216-303	80.962	3-3/16	UC216-303													
UCFL217-304	82.550	3-1/4	UC217-304	305	248	36	26	63	25	190	87.6	85.7	34.1	M22	FL217	10.10
UCFL217	85		UC217													
UCFL218-307	87.312	3-7/16	UC218-307	320	265	40	26	68	25	205	96.3	96	39.7	M22	FL218	12.5
UCFL218-308	88.900	3-1/2	UC218-308													
UCFL218	90		UC218													

BALL BRG UNITS

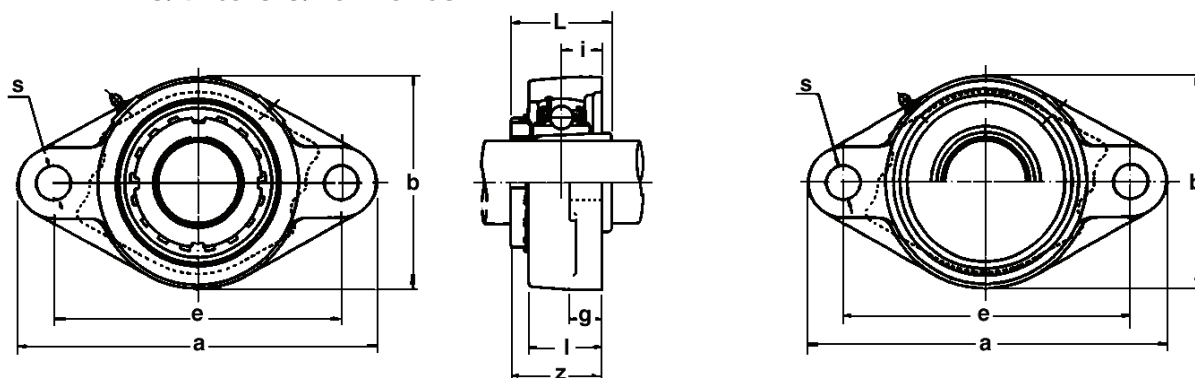
Flanged: 2 Bolt Hole

Cast Iron: UKFL 200

Oval 2-Bolt Cartridges: UKFL 200 + H
with Set Screws
Shaft Diameter: 20 ~ 80mm
3/4 to 3-3/16 inches

Part No. Example:

For Bearing UK 208
Order Complete Unit UKFL 208 + H23
(to fit 35mm shaft)



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm										Bolt Size mm	Housing No.	Approx Wt. Kg
	mm	inch		a	e	i	g	l	s	b	z	L				
UKFL205+HE2305	19.050	3/4	UK205	130	99	16	14	27	16	68	35.5	35	M14	FL205	0.69	
UKFL205+H 2305	20															
UKFL206+HS2306	22.225	7/8														
UKFL206+HA2306	23.812	15/16	UK206	148	117	18	14	31	16	80	39.0	38	M14	FL206	1.03	
UKFL206+H 2306	25															
UKFL206+HE2306	25.400	1														
UKFL207+HS2307	28.575	1-1/8	UK207	161	130	19	16	34	16	90	41.5	43	M14	FL207	1.36	
UKFL207+H 2307	30															
UKFL207+HA2307	30.162	1-3/16														
UKFL208+HE2308	31.750	1-1/4	UK208	175	144	21	16	36	16	100	45.5	46	M14	FL208	1.75	
UKFL208+HS2308	34.925	1-3/8														
UKFL208+H 2308	35															
UKFL209+HA2309	36.512	1-7/16	UK209	188	148	22	18	38	19	108	48.0	50	M16	FL209	2.20	
UKFL209+HE2309	38.100	1-1/2														
UKFL209+H 2309	40															
UKFL210+HS2310	41.275	1-5/8	UK210	197	157	22	18	40	19	115	49.5	55	M16	FL210	2.70	
UKFL210+HA2310	42.862	1-11/16														
UKFL210+HE2310	44.450	1-3/4														
UKFL210+H 2310	45															
UKFL211+HS2311	47.625	1-7/8	UK211	224	184	25	20	43	19	130	53.5	59	M16	FL211	3.50	
UKFL211+HA2311	49.212	1-15/16														
UKFL211+H 2311	50															
UKFL211+HE2311	50.800	2	UK212	250	202	29	20	48	23	140	60.0	62	M20	FL212	4.30	
UKFL212+HS2312	53.975	2-1/8														
UKFL212+H 2312	55															
UKFL213+HA2313	55.562	2-3/16	UK213	258	210	30	24	50	23	155	63.0	65	M20	FL213	5.50	
UKFL213+HE2313	57.150	2-1/4														
UKFL213+H 2313	60															
UKFL213+HS2313	60.325	2-3/8														
UKFL215+HA2315	61.912	2-7/16	UK215	275	225	34	24	56	23	165	69.5	73	M20	FL215	7.30	
UKFL215+HE2315	63.500	2-1/2														
UKFL215+H 2315	65															
UKFL216+HA2316	68.262	2-11/16	UK216	290	233	34	24	58	25	180	73.0	78	M22	FL216	8.90	
UKFL216+HE2316	69.850	2-3/4														
UKFL216+H 2316	70															
UKFL217+HA2317	74.612	2-15/16	UK217	305	248	36	26	63	25	190	77.0	82	M22	FL217	10.30	
UKFL217+H 2317	75															
UKFL217+HE2317	76.200	3														
UKFL218+HS2318	79.375	3-1/8	UK218	320	265	40	26	68	25	205	82.5	86	M22	FL218	13.00	
UKFL218+H 2318	80															
UKFL218+HA2318	80.962	3-3/16														

Note: Pressed Steel covers are also available. Please contact any BSC branch near you for details.

BALL BRG UNITS

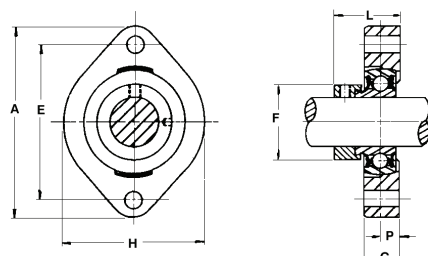
Flanged: 2 Bolt Hole

Cast Iron: FD 200

AELFD 200

Part No. Example:

For Bearing AEL205-100
Order Housing FD205



Housing No	Shaft Size		Bearing Number	Dimension in mm							Bolt Size mm	Hsg. Wt. kg/lb	LS RPM
	inch	mm		A	C	E	F	H	L	P			
FD203		12	AEL201										
FD203	1/2		AEL201-008	81.0	14.7	63.5	28.6	58.7	30.2	7.9	6.4	0.18	8300
FD203		15	AEL202										
FD203	5/8		AEL202-010										
FD204		20	AEL204										
FD204	3/4		AEL204-012	90.5	17.1	71.4	33.3	66.7	33.0	9.5	6.4	0.27	6800
FD205		25	AEL205										
FD205	7/8		AEL205-014										
FD205	15/16		AEL205-015	95.3	17.5	76.2	38.1	71.0	33.3	9.9	7.9	0.27	6000
FD205	1		AEL205-100										
FD206		30	AEL206										
FD206	1-1/16		AEL206-101										
FD206	1-1/8		AEL206-102	112.7	20.6	90.5	44.5	84.1	37.7	11.1	9.5	0.45	4800
FD206	1-3/16		AEL206-103										
FD206	1-1/4		AEL206-104										
FD207		35	AEL207										
FD207	1-1/4		AEL207-104										
FD207	1-3/8		AEL207-106	125.4	22.2	100.0	54.0	93.7	42.1	12.7	9.5	0.59	4000
FD207	1-7/16		AEL207-107										

OTHER BEARING SIZES AND TYPES AVAILABLE ON REQUEST.

Recommended shaft tolerance -:

Up to 50mm(2") dia. inclusive Nominal to -.0127mm(.0005")

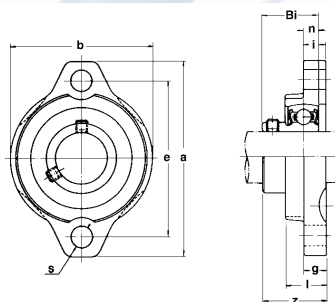
Over 50mm(2")dia. Nominal to -.0254mm(.0010")

These tolerances correspond to those of precision ground.

ASFD 200

Part No. Example:

For Bearing AS204
Order Complete Unit ASFD204J

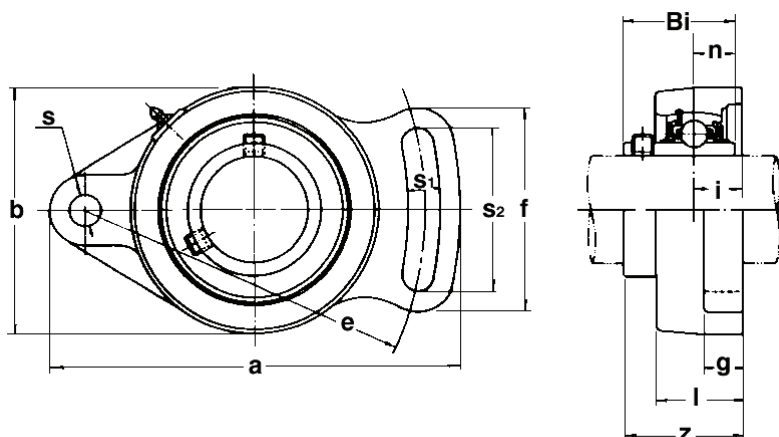


Housing No	Shaft Diameter		Bearing No	Dimensions in mm										Bolt Size mm	Appr Wt. Kg
	mm	inch		A	E	I	G	L	S	B	Bi	N			
FD201	12		AS201	81	63.5	9.5	9.5	18.0	8	56	22.0	6.0	M6	0.27	
FD201	12.700	1/2	AS201-008												
FD202J	14.288	9/16	AS202-009												
FD202J	15		AS202	81	63.5	9.5	9.5	18.0	8	56	22.0	6.0	M6	0.26	
FD202J	15.875	5/8	AS202-010												
FD203J	17		AS203	81	63.5	9.5	9.5	18.0	8	56	22.0	6.0	M6	0.25	
FD203J	17.462	11/16	AS203-011												
FD204J	19.050	3/4	AS204	90	71.5	11.0	11.0	20.0	10	63	24.7	7.0	M8	0.30	
FD204J	20		AS204-012												
FD205J	20.638	13/16	AS205-013												
FD205J	22.225	7/8	AS205-014	95	76.0	11.0	11.0	20.0	10	69	27.0	7.5	M8	0.40	
FD205J	23.812	15/16	AS205-015												
FD205J	25		AS205												
FD205J	25.400	1	AS205-100												
FD206J	26.988	1-1/16	AS206-101												
FD206J	28.575	1-1/8	AS206-102												
FD206J	30		AS206	113	90.5	12.0	12.0	22.5	12	79	30.3	8.0	M10	0.56	
FD206J	30.162	1-3/16	AS206-103												
FD206J	31.750	1-1/4	AS206-104												
FD207J	31.750	1-1/4	AS207-104												
FD207J	33.338	1-5/16	AS207-105												
FD207J	34.925	1-3/8	AS207-106	122	100.0	13.0	13.0	24.0	12	89	32.9	8.5	M10	0.78	
FD207J	35		AS207												
FD208J	36.512	1-7/16	AS208-107												

Sector Flange Cartridges UCFA 200 with Set Screws Shaft Diameter: 12 ~ 55.562 mm

Part No. Example:

For Bearing UC 206
Order Complete Unit UCFA 206

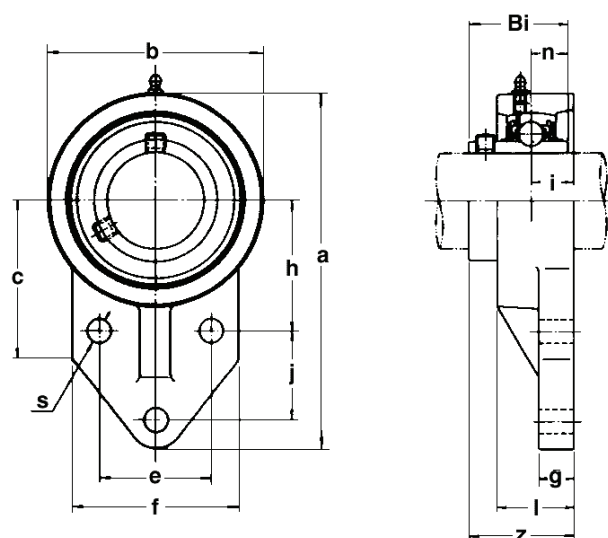


Unit No	Shaft Diameter mm inch		Bearing No.	Dimensions in mm													Bolt Size mm	Hsng No	Appr Wt. Kg
				A	E	I	G	L	S	S1	S2	B	F	Z	Bi	N			
UCFA201	12		UC201	102	78	15	12	25.5	10	10	40	60	54	33.3	31.0	12.7	M8	FA204	0.45
UCFA201-008	12.700	1/2	UC201-008																
UCFA202-009	14.288	9/16	UC202-009																
UCFA202	15		UC202	102	78	15	12	25.5	10	10	40	60	54	33.3	31.0	12.7	M8	FA204	0.44
UCFA202-010	15.875	5/8	UC202-010																
UCFA203	17		UC203	102	78	15	12	25.5	10	10	40	60	54	33.3	31.0	12.7	M8	FA204	0.43
UCFA203-011	17.462	11/16	UC203-011																
UCFA204-012	19.050	3/4	UC204-012																
UCFA204	20		UC204	102	78	15	12	25.5	10	10	40	60	54	33.3	31.0	12.7	M8	FA204	0.40
UCFA205-013	20.638	13/16	UC205-013																
UCFA205-014	22.225	7/8	UC205-014																
UCFA205-015	23.812	15/16	UC205-015	125	98	16	14	27.0	12	13	51	68	65	35.7	34.0	14.3	M10	FA205	0.63
UCFA205	25		UC205																
UCFA205-100	25.400	1	UC205-100																
UCFA206-101	26.988	1-1/16	UC206-101																
UCFA206-102	28.575	1-1/8	UC206-102																
UCFA206	30		UC206	144	117	18	14	31.0	12	13	58	80	72	40.2	38.1	15.9	M10	FA206	0.93
UCFA206-103	30.162	1-3/16	UC206-103																
UCFA206-104	31.750	1-1/4	UC206-104																
UCFA207-104	31.750	1-1/4	UC207-104																
UCFA207-105	33.338	1-5/16	UC207-105	161	130	19	16	34.0	15	15	66	90	82	44.4	42.9	17.5	M12	FA207	1.28
UCFA207-106	34.925	1-3/8	UC207-106																
UCFA207	35		UC207																
UCFA207-107	36.512	1-7/16	UC207-107																
UCFA208-107	36.512	1-7/16	UC208-107																
UCFA208-108	38.100	1-1/2	UC208-108	175	144	21	16	36.0	15	15	71	100	87	51.2	49.2	19.0	M12	FA208	1.68
UCFA208-109	39.688	1-9/16	UC208-109																
UCFA208	40		UC208																
UCFA209-110	41.275	1-5/8	UC209-110																
UCFA209-111	42.862	1-11/16	UC209-111	181	148	22	18	38.0	15	15	72	108	90	52.2	49.2	19.0	M12	FA209	2.10
UCFA209-112	44.450	1-3/4	UC209-112																
UCFA209	45		UC209																
UCFA210-113	46.038	1-13/16	UC210-113																
UCFA210-114	47.625	1-7/8	UC210-114																
UCFA210-115	49.212	1-15/16	UC210-115	190	157	22	18	40.0	15	15	76	115	94	54.6	51.6	19.0	M12	FA210	2.20
UCFA210	50		UC210																
UCFA210-200	50.800	2	UC210-200																
UCFA211-200	50.800	2	UC211-200																
UCFA211-201	52.388	2-1/16	UC211-201	219	184	25	20	43	16	17	86	130	104	58.4	55.6	22.2	M14	FA211	3.40
UCFA211-202	53.975	2-1/8	UC211-202																
UCFA211	55		UC211																
UCFA211-203	55.562	2-3/16	UC211-203																

Offset Flange Cartridges UCFH 200 with Set Screws Shaft Diameter: 12 ~ 50.800mm

Part No. Example:

For Bearing UC 206
Order Complete Unit UCFH 206



Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm														Bolt Size	Hsng No	Appr Wt.
	mm	inch		A	H	E	J	I	G	L	C	S	B	F	Z	Bi	N			
UCFH201	12		UC201	110	42	32	27	15	13	25.5	52	10	62	52	33.3	31.0	12.7	M8	FH204	0.60
UCFH201-008	12.700	1/2	UC201-008																	
UCFH202-009	14.288	9/16	UC202-009																	
UCFH202	15		UC202	110	42	32	27	15	13	25.5	52	10	62	52	33.3	31.0	12.7	M8	FH204	0.58
UCFH202-010	15.875	5/8	UC202-010																	
UCFH203	17		UC203	110	42	32	27	15	13	25.5	52	10	62	52	33.3	31.0	12.7	M8	FH204	0.57
UCFH203-011	17.462	11/16	UC203-011																	
UCFH204-012	19.050	3/4	UC204-012	110	42	32	27	15	13	25.5	52	10	62	52	33.3	31.0	12.7	M8	FH204	0.55
UCFH204	20		UC204																	
UCFH205-013	20.638	13/16	UC205-013																	
UCFH205-014	22.225	7/8	UC205-014																	
UCFH205-015	23.812	15/16	UC205-015	116	45	34	27	16	13	27.0	52	10	68	56	35.7	34.0	14.3	M8	FH205	0.68
UCFH205	25		UC205																	
UCFH205-100	25.400	1	UC205-100																	
UCFH206-101	26.988	1-1/16	UC206-101																	
UCFH206-102	28.575	1-1/8	UC206-102																	
UCFH206	30		UC206	130	50	40	29	18	13	31.0	55	10	78	65	40.2	38.1	15.9	M8	FH206	0.92
UCFH206-103	30.162	1-3/16	UC206-103																	
UCFH206-104	31.750	1-1/4	UC206-104																	
UCFH207-104	31.750	1-1/4	UC207-104																	
UCFH207-105	33.338	1-5/16	UC207-105	144	55	46	32	19	15	34.0	62	10	90	70	44.4	42.9	17.5	M8	FH207	1.32
UCFH207-106	34.925	1-3/8	UC207-106																	
UCFH207	35		UC207																	
UCFH207-107	36.512	1-7/16	UC207-107																	
UCFH208-107	36.512	1-7/16	UC208-107																	
UCFH208-108	38.100	1-1/2	UC208-108	164	60	50	41	21	16	36.0	72	12	100	78	51.2	49.2	19.0	M10	FH208	1.80
UCFH208-109	39.688	1-9/16	UC208-109																	
UCFH208	40		UC208																	
UCFH209-110	41.275	1-5/8	UC209-110																	
UCFH209-111	42.862	1-11/16	UC209-111																	
UCFH209-112	44.450	1-3/4	UC209-112	174	65	54	43	22	18	38	76	12	106	80	52.2	49.2	19.0	M10	FH209	2.10
UCFH209	45		UC209																	
UCFH210-113	46.038	1-13/16	UC210-113																	
UCFH210-114	47.625	1-7/8	UC210-114																	
UCFH210-115	49.212	1-15/16	UC210-115	184	68	58	46	22	18	40	82	12	112	86	54.6	51.6	19.0	M10	FH210	2.30
UCFH210	50		UC210																	
UCFH210-200	50.800	2	UC210-200																	

BALL BRG UNITS

Take Up: Cast Iron
UCT 200

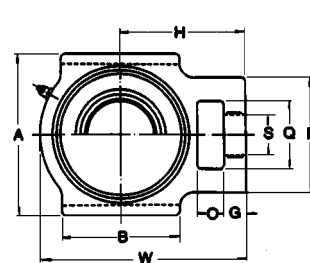
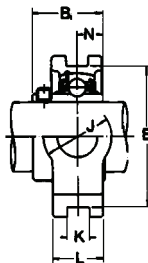
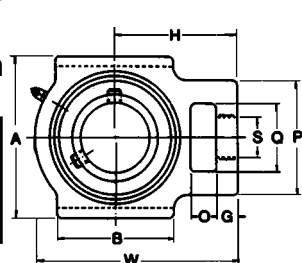
Take Up Units: UCT 200

with Set Screws

Shaft Diameter: 12 ~ 85 mm

Part No. Example:

For Bearing UC 208
Order Complete Unit UCT 208



Unit No.	Shaft Diameter		Bearing No	Dimensions in mm															Hsg No	Appr Wt. Kg
	mm	inch		O	G	P	Q	S	B	K	E	A	W	J	L	H	Bi	N		
UCT201	12		UC201	16	10	51	32	19	51	12	76	89	94	32	21	61	31.0	12.7	T204	1.30
UCT201-008	12.700	1/2	UC201-008																	
UCT202-009	14.288	9/16	UC202-009																	
UCT202	15		UC202	16	10	51	32	19	51	12	76	89	94	32	21	61	31.0	12.7	T204	1.26
UCT202-010	15.875	5/8	UC202-010																	
UCT203	17		UC203	16	10	51	32	19	51	12	76	89	94	32	21	61	31.0	12.7	T204	1.23
UCT203-011	17.462	11/16	UC203-011																	
UCT204-012	19.050	3/4	UC204-012																	
UCT204	20		UC204	16	10	51	32	19	51	12	76	89	94	32	21	61	31.0	12.7	T204	1.19
UCT205-013	20.638	13/16	UC205-013																	
UCT205-014	22.225	7/8	UC205-014																	
UCT205-015	23.812	15/16	UC205-015	16	10	51	32	19	51	12	76	89	97	32	24	62	34.0	14.3	T205	1.46
UCT205	25		UC205																	
UCT205-100	25.400	1	UC205-100																	
UCT206-101	26.988	1-1/16	UC206-101																	
UCT206-102	28.575	1-1/8	UC206-102																	
UCT206	30		UC206	16	10	56	37	22	57	12	89	102	113	37	28	70	38.1	15.9	T206	2.30
UCT206-103	30.162	1-3/16	UC206-103																	
UCT206-104	31.750	1-1/4	UC206-104																	
UCT207-104	31.750	1-1/4	UC207-104																	
UCT207-105	33.338	1-5/16	UC207-105	16	13	64	37	22	64	12	89	102	129	37	30	78	42.9	17.5	T207	3.60
UCT207-106	34.925	1-3/8	UC207-106																	
UCT207	35		UC207																	
UCT207-107	36.512	1-7/16	UC207-107																	
UCT208-107	36.512	1-7/16	UC208-107																	
UCT208-108	38.100	1-1/2	UC208-108	19	16	83	49	29	83	16	102	114	144	49	33	88	49.2	19.0	T208	2.40
UCT208-109	39.688	1-9/16	UC208-109																	
UCT208	40		UC208																	
UCT209-110	41.275	1-5/8	UC209-110																	
UCT209-111	42.862	1-11/16	UC209-111	19	16	83	49	29	83	16	102	117	144	49	35	87	49.2	19.0	T209	2.40
UCT209-112	44.450	1-3/4	UC209-112																	
UCT209	45		UC209																	
UCT210-113	46.038	1-13/16	UC210-113																	
UCT210-114	47.625	1-7/8	UC210-114																	
UCT210-115	49.212	1-15/16	UC210-115	19	16	83	49	29	86	16	102	117	149	49	37	90	51.6	19.0	T210	2.50
UCT210	50		UC210																	
UCT210-200	50.800	2	UC210-200																	
UCT211-200	50.800	2	UC211-200																	
UCT211-201	52.388	2-1/16	UC211-201	25	19	102	64	35	95	22	130	146	171	64	38	106	55.6	22.2	T211	3.30
UCT211-202	53.975	2-1/8	UC211-202																	
UCT211	55		UC211																	
UCT211-203	55.562	2-3/16	UC211-203																	
UCT212-204	57.150	2-1/4	UC212-204																	
UCT212-205	58.738	2-5/16	UC212-205	32	19	102	64	35	102	22	130	146	194	64	42	119	65.1	25.4	T212	5.00
UCT212	60		UC212																	
UCT212-206	60.325	2-3/8	UC212-206																	
UCT213-207	61.912	2-7/16	UC213-207																	
UCT213-208	63.500	2-1/2	UC213-208	32	21	111	70	41	121	26	151	167	224	70	44	137	65.1	25.4	T213	7.00
UCT213	65		UC213																	
UCT214-210	66.675	2-5/8	UC214-210																	
UCT214-211	68.262	2-11/16	UC214-211	32	21	111	70	41	121	26	151	167	224	70	46	137	74.6	30.2	T214	7.20
UCT214-212	69.850	2-3/4	UC214-212																	
UCT214	70		UC214																	
UCT215-213	71.438	2-13/16	UC215-213																	
UCT215-214	73.025	2-7/8	UC215-214																	
UCT215-215	74.612	2-15/16	UC215-215	32	21	111	70	41	121	26	151	167	232	70	48	140	77.8	33.3	T215	8.20
UCT215	75		UC215																	
UCT215-300	76.200	3	UC215-300																	
UCT216-302	79.375	3-1/8	UC216-302																	
UCT216	80		UC216	32	21	111	70	41	121	26	165	184	235	70	51	140	82.6	33.3	T216	8.90
UCT216-303	80.962	3-3/16	UC216-303																	
UCT217-304	82.550	3-1/4	UC217-304	38	29	124	73	48	157	30	173	198	260	73	54	162	85.7	34.1	T217	10.6
UCT217	85		UC217																	

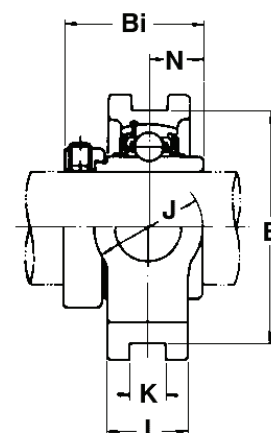
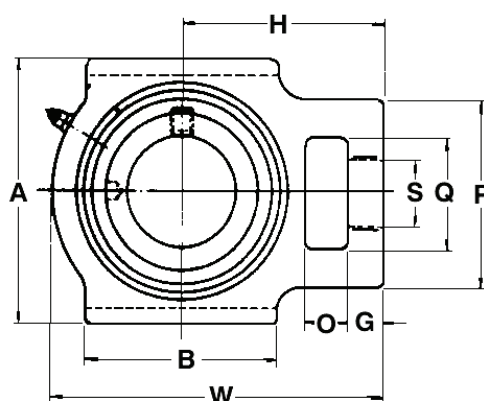
BALL BRG UNITS

Take Up: Cast Iron
UEL200

Take Up Units
UEL200
with Eccentric Locking Collar
Shaft Diameter:
19.050 - 76.200 mm

Part No. Example:

For Bearing UEL 209
Order Complete Unit UEL209



Unit No.	Shaft		Bearing No.	Dimensions in mm														Hsg No	Appr Wt. Kg	
	Diameter mm	inch		O	G	P	Q	S	B	K	E	A	W	J	L	H	Bi			N
UEL204-012	19.050	3/4	UEL204-012	16	10	51	32	19	51	12	76	89	94	32	21	61	43.7	17.1	T204	0.60
UEL204	20		UEL204																	
UEL205-013	20.638	13/16	UEL205-013																	
UEL205-014	22.225	7/8	UEL205-014																	
UEL205-015	23.812	15/16	UEL205-015	16	10	51	32	19	51	12	76	89	97	32	24	62	44.4	17.5	T205	0.69
UEL205	25		UEL205																	
UEL205-100	25.400	1	UEL205-100																	
UEL206-101	26.988	1-1/16	UEL206-101																	
UEL206-102	28.575	1-1/8	UEL206-102																	
UEL206	30		UEL206	16	10	56	37	22	57	12	89	102	113	37	28	70	48.4	18.3	T206	1.11
UEL206-103	30.162	1-3/16	UEL206-103																	
UEL206-104	31.750	1-1/4	UEL206-104																	
UEL207-104	31.750	1-1/4	UEL207-104																	
UEL207-105	33.338	1-5/16	UEL207-105																	
UEL207-106	34.925	1-3/8	UEL207-106	16	13	64	37	22	64	12	89	102	129	37	30	78	51.1	18.8	T207	1.77
UEL207	35		UEL207																	
UEL207-107	36.512	1-7/16	UEL207-107																	
UEL208-107	36.512	1-7/16	UEL208-107																	
UEL208-108	38.100	1-1/2	UEL208-108	19	16	83	49	29	83	16	102	114	144	49	33	88	56.3	21.4	T208	2.50
UEL208-109	39.688	1-9/16	UEL208-109																	
UEL208	40		UEL208																	
UEL209-110	41.275	1-5/8	UEL209-110																	
UEL209-111	42.862	1-11/16	UEL209-111	19	16	83	49	29	83	16	102	117	144	49	35	87	56.3	21.4	T209	2.60
UEL209-112	44.450	1-3/4	UEL209-112																	
UEL209	45		UEL209																	
UEL210-113	46.038	1-13/16	UEL210-113																	
UEL210-114	47.625	1-7/8	UEL210-114																	
UEL210-115	49.212	1-15/16	UEL210-115	19	16	83	49	29	86	16	102	117	149	49	37	90	62.7	24.6	T210	2.70
UEL210	50		UEL210																	
UEL210-200	50.800	2	UEL210-200																	
UEL211-200	50.800	2	UEL211-200																	
UEL211-201	52.388	2-1/16	UEL211-201																	
UEL211-202	53.975	2-1/8	UEL211-202	25	19	102	64	35	95	22	130	146	171	64	38	106	71.4	27.8	T211	3.70
UEL211	55		UEL211																	
UEL211-203	55.562	2-3/16	UEL211-203																	
UEL212-204	57.150	2-1/4	UEL212-204																	
UEL212-205	58.738	2-5/16	UEL212-205	32	19	102	64	35	102	22	130	146	194	64	42	119	77.8	31.0	T212	5.30
UEL212	60		UEL212																	
UEL212-206	60.325	2-3/8	UEL212-206																	
UEL213-207	61.912	2-7/16	UEL213-207																	
UEL213-208	63.500	2-1/2	UEL213-208	32	21	111	70	41	121	26	151	167	224	70	44	137	85.7	34.1	T213	7.50
UEL213	65		UEL213																	
UEL214-210	66.675	2-5/8	UEL214-210																	
UEL214-211	68.262	2-11/16	UEL214-211	32	21	111	70	41	121	26	151	167	224	70	46	137	85.7	34.1	T214	7.70
UEL214-212	69.850	2-3/4	UEL214-212																	
UEL214	70		UEL214																	
UEL215-213	71.438	2-13/16	UEL215-213																	
UEL215-214	73.025	2-7/8	UEL215-214																	
UEL215-215	74.612	2-15/16	UEL215-215	32	21	111	70	41	121	26	151	167	232	70	48	140	92.1	37.3	T215	8.60
UEL215	75		UEL215																	
UEL215-300	76.200	3	UEL215-300																	

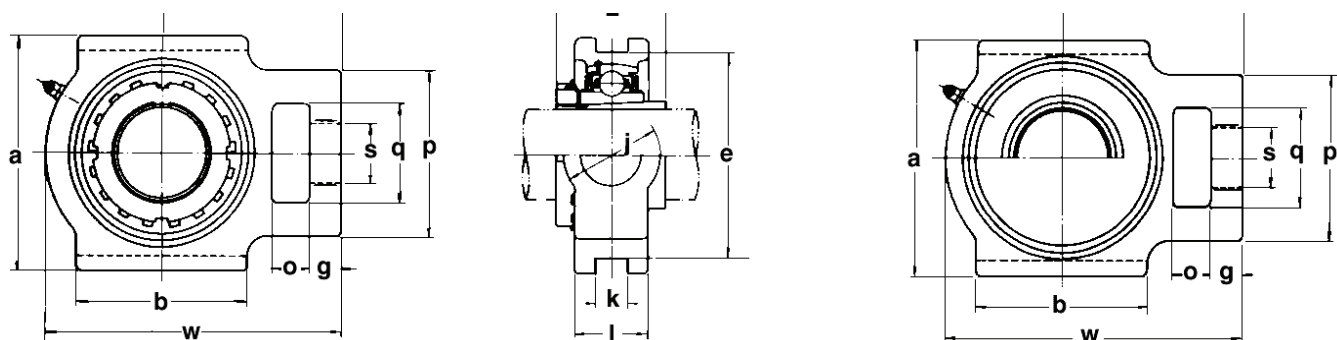
BALL BRG UNITS

Take Up: Cast Iron
UKT 200

Take Up Units
UKT 200 + H
with Adapter
Shaft Diameter:
19.050 ~ 76.200 mm

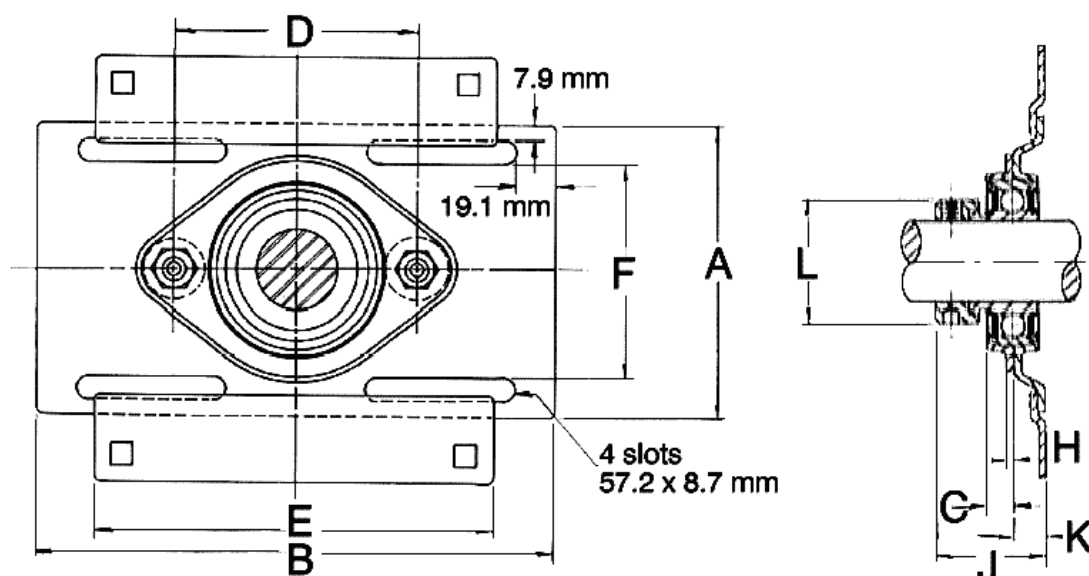
Part No. Example:

For Bearing UK 208
Order Complete Unit UKT 208 + H2305
(to fit 35mm shaft)



Unit No.	Shaft Diameter mm	Bearing No inch		Dimensions in mm															Hsg No	Appr Wt. Kg
				O	G	P	Q	S	B	K	E	A	W	J	I	H	L			
UKT205+HE2305	19.050	3/4	UK205	16	10	51	32	19	51	12	76	89	97	32	24	62	35	T205	0.69	
UKT205+H 2305	20																			
UKT206+HS2306	22.225	7/8																		
UKT206+HA2306	23.812	15/16	UK206	16	10	56	37	22	57	12	89	102	113	37	28	70	38	T206	1.15	
UKT206+H 2306	25																			
UKT206+HE2306	25.400	1																		
UKT207+HS2307	28.575	1-1/8																		
UKT207+H 2307	30		UK207	16	13	64	37	22	64	12	89	102	129	37	30	78	43	T207	1.69	
UKT207+HA2307	30.162	1-3/16																		
UKT208+HE2308	31.750	1-1/4																		
UKT208+HS2308	34.925	1-3/8	UK208	19	16	83	49	29	83	16	102	114	144	49	33	88	46	T208	2.30	
UKT208+H 2308	35																			
UKT209+HA2309	36.512	1-7/16																		
UKT209+HE2309	38.100	1-1/2	UK209	19	16	83	49	29	83	16	102	117	144	49	35	87	50	T209	2.50	
UKT209+H 2309	40																			
UKT210+HS2310	41.275	1-5/8																		
UKT210+HA2310	42.862	1-11/16	UK210	19	16	83	49	29	86	16	102	117	149	49	37	90	55	T210	2.80	
UKT210+HE2310	44.450	1-3/4																		
UKT210+H 2310	45																			
UKT211+HS2311	47.625	1-7/8																		
UKT211+HA2311	49.212	1-15/16	UK211	25	19	102	64	35	95	22	130	146	171	64	38	106	59	T211	3.50	
UKT211+H 2311	50																			
UKT211+HE2311	50.800	2																		
UKT212+HS2312	53.975	2-1/8	UK212	32	19	102	64	35	102	22	130	146	194	64	42	119	62	T212	4.90	
UKT212+H 2312	55																			
UKT213+HA2313	55.562	2-3/16																		
UKT213+HE2313	57.150	2-1/4	UK213	32	21	111	70	41	121	26	151	167	224	70	44	137	65	T213	7.10	
UKT213+H 2313	60																			
UKT213+HS2313	60.325	2-3/8																		
UKT215+HA2315	61.912	2-7/16																		
UKT215+HE2315	63.500	2-1/2	UK215	32	21	111	70	41	121	26	151	167	232	70	48	140	73	T215	8.60	
UKT215+H 2315	65																			
UKT216+HA2316	68.262	2-11/16																		
UKT216+HE2316	69.850	2-3/4	UK216	32	21	111	70	41	121	26	165	184	235	70	51	140	78	T216	9.30	
UKT216+H 2316	70																			
UKT217+HA2317	74.612	2-15/16																		
UKT217+H 2317	75		UK217	38	29	124	73	48	157	30	173	198	260	73	54	162	82	T217	10.80	
UKT217+HE2317	76.200	3																		

Note: Pressed Steel covers are also available. Please contact any BSC Branch near you for details.



The MSTU Pressed Steel Take-Up Unit is a light duty, economical, easy to mount unit for adjusting shafts and belt tightening devices on many types of conveyors and elevators. It is adaptable to either guide type or bolt type methods of mounting.

The new design of bearing seat incorporated in the base plate is made to a looser than normal fit to ensure bearing self-alignment without loosening the flange

bolts. This assures self-alignment of the bearings, if the two take-up units are not pulled up evenly.

The MSTU Take-Up Unit incorporates an AEL/AS series wide inner ring bearing.

A complete MSTU Take-Up Unit consists of MSTU base plate, MST flange, and AEL/AS bearing.

Stamp Size	Shaft Size		Bearing Number		Fling't No	Dimensions in mm											Bolt		
	inch	mm	AEL	AS		A	B	C	D	E	F	H	J	K	L	Size mm	LR** kgf/lbf	LS RPM	
52MSTU		25	AEL205	AS205															
52MSTU	7/8		AEL205-014	AS205-014	52MST	104.8	203.2	8.7	76.2	114.3	71.4	2.1	33.3	10.3	38.1	7.9	363.2	6000	
52MSTU	1		AEL205-100	AS205-100	52MST														
62MSTU		30	AEL206	AS206															
62MSTU	1-1/8		AEL206-102	AS206-102	62MST	114.3	203.2	8.7	90.5	152.4	81.0	2.6	37.3	11.1	44.5	9.5	499.4	4800	
62MSTU	1-1/4		AEL206-104	AS206-104	62MST														

Recommended shaft tolerance :-

Up to 50mm(2") dia. inclusive Nominal to -.0127mm(.0005")

Over 50mm(2") dia. Nominal to -.0254mm(.0010")

These tolerances correspond to those of precision ground shafting.

Commercial grade bright mild steel shafting

Part No. Example:

For Bearing AEL205-100

Order Stamping 52MSTU

Note: AEL = Eccentric Collar Locking

AS = Set Screw Locking

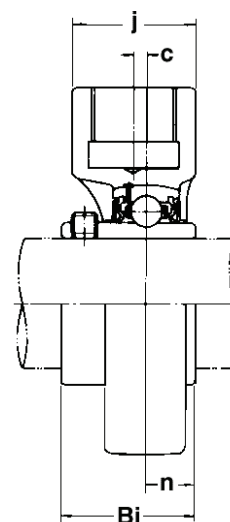
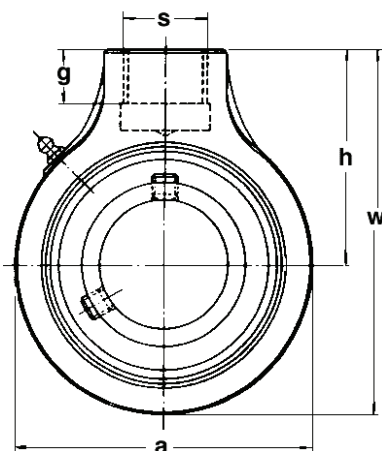
BALL BRG UNITS

Hanger Unit: Cast Iron
UCHB 200

Hanger Cartridges
UCHB 200
with Set Screws
Shaft Diameter:
12~ 60 mm

Part No. Example:

For Bearing UC 206
Order Complete Unit UCHB 206



Unit No	Shaft Diameter		Bearing No	Dimensions in mm								Hsng No	Appr Wt. Kg
	mm	inch		A	W	H	J	S	G	Bi	N		
UCHB201	12		UC201	64	96	64	40	PF 3/4	24	31.0	12.7	HB204	0.64
UCHB201-008	12.700	1/2	UC201-008										
UCHB202-009	14.288	9/16	UC202-009										
UCHB202	15		UC202	64	96	64	40	PF 3/4	24	31.0	12.7	HB204	0.63
UCHB202-010	15.875	5/8	UC202-010										
UCHB203	17		UC203	64	96	64	40	PF 3/4	24	31.0	12.7	HB204	0.62
UCHB203-011	17.462	11/16	UC203-011										
UCHB204-012	19.050	3/4	UC204-012	64	96	64	40	PF 3/4	24	31.0	12.7	HB204	0.60
UCHB204	20		UC204										
UCHB205-013	20.638	13/16	UC205-013										
UCHB205-014	22.225	7/8	UC205-014										
UCHB205-015	23.812	15/16	UC205-015	70	99	64	40	PF 3/4	24	34.0	14.3	HB205	0.66
UCHB205	25		UC205										
UCHB205-100	25.400	1	UC205-100										
UCHB206-101	26.988	1-1/16	UC206-101										
UCHB206-102	28.575	1-1/8	UC206-102										
UCHB206	30		UC206	80	104	64	40	PF 3/4	24	38.1	15.9	HB206	0.89
UCHB206-103	30.162	1-3/16	UC206-103										
UCHB206-104	31.750	1-1/4	UC206-104										
UCHB207-104	31.750	1-1/4	UC207-104										
UCHB207-105	33.338	1-5/16	UC207-105										
UCHB207-106	34.925	1-3/8	UC207-106	92	116	70	40	PF 3/4	24	42.9	17.5	HB207	1.19
UCHB207	35		UC207										
UCHB207-107	36.512	1-7/16	UC207-107										
UCHB208-107	36.512	1-7/16	UC208-107										
UCHB208-108	38.100	1-1/2	UC208-108	96	121	73	40	PF 3/4	24	49.2	19.0	HB208	1.34
UCHB208-109	39.688	1-9/16	UC208-109										
UCHB208	40		UC208										
UCHB209-110	41.275	1-5/8	UC209-110										
UCHB209-111	42.862	1-11/16	UC209-111	108	136	82	48	PF 1	28	49.2	19.0	HB209	1.78
UCHB209-112	44.450	1-3/4	UC209-112										
UCHB209	45		UC209										
UCHB210-113	46.038	1-13/16	UC210-113										
UCHB210-114	47.625	1-7/8	UC210-114										
UCHB210-115	49.212	1-15/16	UC210-115	114	140	83	48	PF 1	28	51.6	19.0	HB210	1.92
UCHB210	50		UC210										
UCHB210-200	50.800	2	UC210-200										
UCHB211-200	50.800	2	UC211-200										
UCHB211-201	52.388	2-1/16	UC211-201										
UCHB211-202	53.975	2-1/8	UC211-202	126	150	87	60	PF 1-1/4	27	55.6	22.2	HB211	2.60
UCHB211	55		UC211										
UCHB211-203	55.562	2-3/16	UC211-203										
UCHB212-204	57.150	2-1/4	UC212-204										
UCHB212-205	58.738	2-5/16	UC212-205	142	173	102	60	PF 1-1/4	35	65.1	25.4	HB212	3.80
UCHB212	60		UC212										

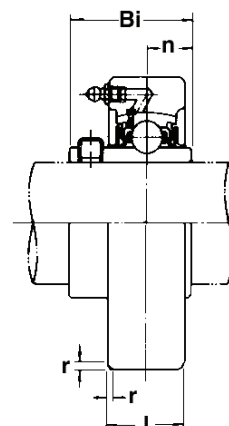
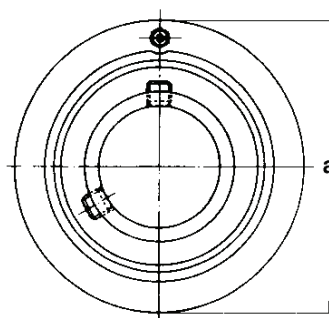
BALL BRG UNITS

Cartridge Type: Cast Iron
UCC2

Cylindrical Cartridges
UCC 200
with Set Screws
Shaft Diameter:
12 - 65 mm

Part No. Example:

For Bearing UC 206
Order Complete Unit UCC 206



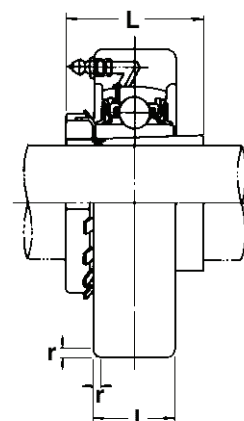
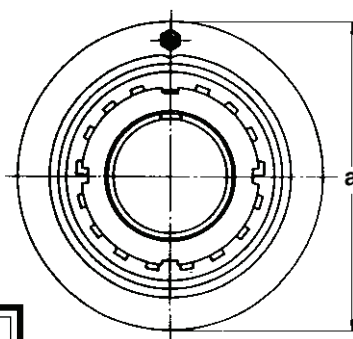
Unit No	Shaft Diameter		Bearing No.	Dimensions in mm					Hsng No	Wt kg
	mm	inch		A	L	r-mm	Bi	N		
UCC201	12		UC201	72	20	1.0	31.0	12.7	C204	0.53
UCC201-008	12.700	1/2	UC201-008							
UCC202-009	14.288	9/16	UC202-009							
UCC202	15		UC202	72	20	1.0	31.0	12.7	C204	0.51
UCC202-010	15.875	5/8	UC202-010							
UCC203	17		UC203	72	20	1.0	31.0	12.7	C204	0.50
UCC203-011	17.462	11/16	UC203-011							
UCC204-012	19.050	3/4	UC204-012	72	20	1.0	31.0	12.7	C204	0.48
UCC204	20		UC204							
UCC205-013	20.638	13/16	UC205-013							
UCC205-014	22.225	7/8	UC205-014							
UCC205-015	23.812	15/16	UC205-015	80	22	1.0	34.0	14.3	C205	0.65
UCC205	25		UC205							
UCC205-100	25.400	1	UC205-100							
UCC206-101	26.988	1-1/16	UC206-101							
UCC206-102	28.575	1-1/8	UC206-102							
UCC206	30		UC206	85	27	1.0	38.1	15.9	C206	0.79
UCC206-103	30.162	1-3/16	UC206-103							
UCC206-104	31.750	1-1/4	UC206-104							
UCC207-104	31.750	1-1/4	UC207-104							
UCC207-105	33.338	1-5/16	UC207-105	90	28	1.0	42.9	17.5	C207	0.90
UCC207-106	34.925	1-3/8	UC207-106							
UCC207	35		UC207							
UCC207-107	36.512	1-7/16	UC207-107							
UCC208-107	36.512	1-7/16	UC208-107							
UCC208-108	38.100	1-1/2	UC208-108	100	30	1.0	49.2	19.0	C208	1.24
UCC208-109	39.688	1-9/16	UC208-109							
UCC208	40		UC208							
UCC209-110	41.275	1-5/8	UC209-110							
UCC209-111	42.862	1-11/16	UC209-111	110	31	1.0	49.2	19.0	C209	1.55
UCC209-112	44.450	1-3/4	UC209-112							
UCC209	45		UC209							
UCC210-113	46.038	1-13/16	UC210-113							
UCC210-114	47.625	1-7/8	UC210-114							
UCC210-115	49.212	1-15/16	UC210-115	120	33	1.0	51.6	19.0	C210	1.90
UCC210	50		UC210							
UCC210-200	50.800	2	UC210-200							
UCC211-200	50.800	2	UC211-200							
UCC211-201	52.388	2-1/16	UC211-201							
UCC211-202	53.975	2-1/8	UC211-202	125	35	1.0	55.6	22.2	C211	2.10
UCC211	55		UC211							
UCC211-203	55.562	2-3/16	UC211-203							
UCC212-204	57.150	2-1/4	UC212-204							
UCC212-205	58.738	2-5/16	UC212-205	130	38	1.0	65.1	25.4	C212	2.50
UCC212	60		UC212							
UCC212-206	60.325	2-3/8	UC212-206							
UCC213-207	61.912	2-7/16	UC213-207							
UCC213-208	63.500	2-1/2	UC213-208	140	40	1.5	65.1	25.4	C213	2.90
UCC213	65		UC213							

Note: Recommended grease nipple size;
UCC201~213..."1/4-28UNF".

BALL BRG UNITS

Cartridge Type: Cast Iron
UKC2

Cylindrical Cartridges
UKC 200 + H
with Adapter
Shaft Diameter:
19.050~ 60.325 mm



Part No. Example:

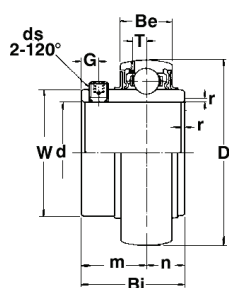
For Bearing UK 206
Order Housing C206
Complete Unit UKC 206 + H2306
(for 25mm shaft)

Unit No.	Shaft Diameter		Bearing No.	Dimensions in mm				Housing No.	Wt kg
	mm	inch		a	l	r-mm	L		
UKC205+HE2305	19.050	3/4	UK205	80	22	1.0	35	C205	0.69
UKC205+H 2305	20								
UKC206+HS2306	22.225	7/8	UK206	85	27	1.0	38	C206	0.89
UKC206+HA2306	23.812	15/16							
UKC206+H 2306	25								
UKC206+HE2306	25.400	1							
UKC207+HS2307	28.575	1-1/8	UK207	90	28	1.0	43	C207	0.94
UKC207+H 2307	30								
UKC207+HA2307	30.162	1-3/16							
UKC208+HE2308	31.750	1-1/4	UK208	100	30	1.0	46	C208	1.25
UKC208+HS2308	34.925	1-3/8							
UKC208+H 2308	35								
UKC209+HA2309	36.512	1-7/16	UK209	110	31	1.0	50	C209	1.66
UKC209+HE2309	38.100	1-1/2							
UKC209+H 2309	40								
UKC210+HS2310	41.275	1-5/8	UK210	120	33	1.0	55	C210	2.10
UKC210+HA2310	42.862	1-11/16							
UKC210+HE2310	44.450	1-3/4							
UKC210+H 2310	45								
UKC211+HS2311	47.625	1-7/8	UK211	125	35	1.0	59	C211	2.20
UKC211+HA2311	49.212	1-15/16							
UKC211+H 2311	50								
UKC211+HE2311	50.800	2							
UKC212+HS2312	53.975	2-1/8	UK212	130	38	1.0	62	C212	2.40
UKC212+H 2312	55								
UKC213+HA2313	55.562	2-3/16	UK213	140	40	1.0	65	C213	3.00
UKC213+HE2313	57.150	2-1/4							
UKC213+H 2313	60								
UKC213+HS2313	60.325	2-3/8				1.5			

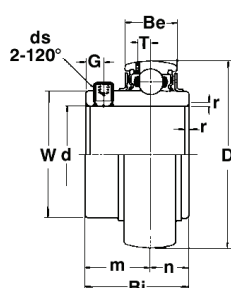
Note: Recommended grease nipple size;
UKC205~213..."1/4-28UNF".

SELECTION GUIDE - HOUSED BEARING INSERTS

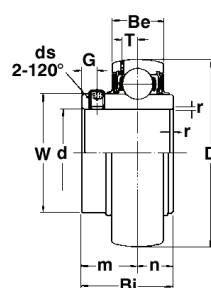
Type	Locking Method	Bore	Diameter Series	Relubricating Capability	Width	Outside Diameter
UC 2	Set Screw	Cylindrical	2	Grease fitting	Wide	Spherical
UC 3	Set Screw	Cylindrical	3	Grease fitting	Wide	Spherical
UC X	Set Screw	Cylindrical	X	Grease fitting	Wide	Spherical
UEL 2	Eccentric Locking Collar	Cylindrical	2	Grease fitting	Wide	Spherical
UK 2	Adapter Sleeve	Tapered	2	Grease fitting	Wide	Spherical
UK 3	Adapter Sleeve	Tapered	3	Grease fitting	Wide	Spherical
UK X	Adapter Sleeve	Tapered	X	Grease fitting	Wide	Spherical
AS 2	Set Screw	Cylindrical	2	None	Narrow	Spherical
AEL 2	Eccentric Locking Collar	Cylindrical	2	None	Narrow	Spherical
AELS 2	Eccentric Locking Collar	Cylindrical	2	None	Narrow	Cylindrical Flat OD
UCS 2	Set Screw	Cylindrical	2	Grease fitting	Wide	Cylindrical Flat OD



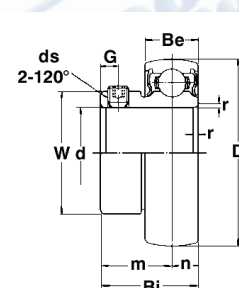
UC 200



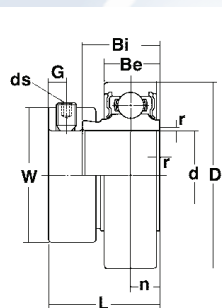
UC X00



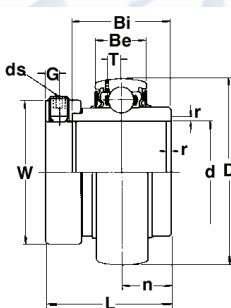
UC 300



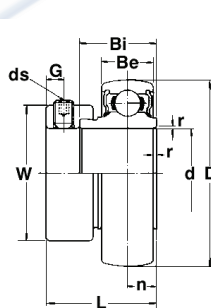
AS 200



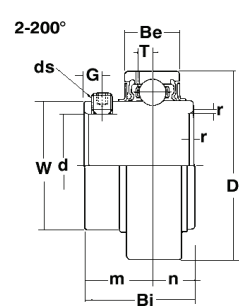
AELS 200



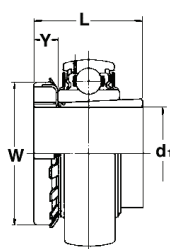
UEL 200



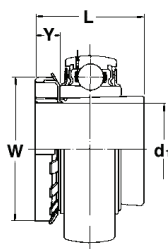
AEL 200



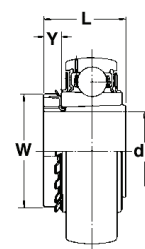
UCS 200



UK 200



UK X00

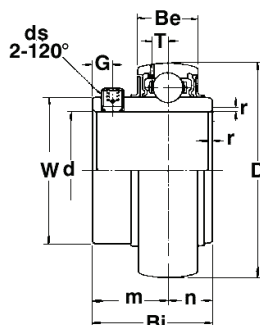


UK 300

BALL BRG UNITS

Inserts: Spherical O/D
UC2

UC 200
Set Screw Type
Bore Diameter:
12 ~ 101.6 mm
1/2 ~ 4inch



Part No. Example:

Bearing to suit 25 mm shaft, order:
UC 205

Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Wt kg
			D	B _i	B _e	N	M	G	d _s	Dyn C	Stat C ₀	
UC201	12.000		47	31	17	12.7	18.3	4.5	M6x0.75	1300	635	0.20
UC201-008	12.700	1/2										0.20
UC202-009	14.288	9/16										0.19
UC202	15.000		47	31	17	12.7	18.3	4.5	M6x0.75	1300	635	0.19
UC202-010	15.875	5/8										0.18
UC203	17.000		47	31	17	12.7	18.3	4.5	M6x0.75	1300	635	0.18
UC203-011	17.462	11/16										0.17
UC204-012	19.050	3/4										0.16
UC204	20.000											0.16
UC205-013	20.638	13/16										0.24
UC205-014	22.225	7/8										0.22
UC205-015	23.812	15/16	52	34	17	14.3	19.7	5.0	M6x0.75	1430	730	0.21
UC205	25.000											0.19
UC205-100	25.400	1										0.19
UC206-015	23.812	1-15/16										0.39
UC206-100	25.400	1										0.37
UC206-101	26.988	1-1/16										0.35
UC206-102	28.575	1-1/8	62	38.1	19	15.9	22.2	5.0	M6x0.75	1990	1050	0.33
UC206	30.000											0.31
UC206-103	30.162	1-3/16										0.31
UC206-104	31.750	1-1/4										0.29
UC207-103	30.162	1-3/16										0.56
UC207-104	31.750	1-1/4										0.53
UC207-105	33.338	1-5/16										0.50
UC207-106	34.925	1-3/8	72	42.9	20	17.5	25.4	6.0	M8x1.00	2620	1430	0.48
UC207	35.000											0.47
UC207-107	36.512	1-7/16										0.44
UC208-107	36.512	1-7/16										0.71
UC208-108	38.100	1-1/2										0.68
UC208-109	39.688	1-9/16	80	49.2	21	19.0	30.2	8.0	M8x1.00	2970	1650	0.64
UC208	40.000											0.63
UC209-108	38.100	1-1/2										0.87
UC209-109	39.688	1-9/16										0.83
UC209-110	41.275	1-5/8										0.79
UC209-111	42.862	1-11/16	85	49.2	22	19.0	30.2	8.0	M8x1.00	3200	1850	0.75
UC209-112	44.450	1-3/4										0.71
UC209	45.000											0.69
UC210-111	42.862	1-11/16										0.98
UC210-112	44.450	1-3/4										0.93
UC210-113	46.038	1-13/16										0.89
UC210-114	47.625	1-7/8	90	51.6	23	19.0	32.6	9.0	M10x1.25	3600	2100	0.84
UC210-115	49.212	1-15/16										0.79
UC210	50.000											0.77
UC210-200	50.800	2										0.74
UC211-115	49.212	1-15/16										1.25
UC211-200	50.800	2										1.19
UC211-201	52.388	2-1/16										1.14
UC211-202	53.975	2-1/8	100	55.6	24	22.2	33.4	9.0	M10x1.25	4450	2660	1.08
UC211	55.000											1.04
UC211-203	55.562	2-3/16										1.02
UC212-203	55.562	2-3/16										1.70
UC212-204	57.150	2-1/4										1.60
UC212-205	58.738	2-5/16	110	65.1	27	25.4	39.7	10.0	M10x1.25	5350	3300	1.53
UC212	60.000											1.47
UC212-206	60.325	2-3/8										1.46

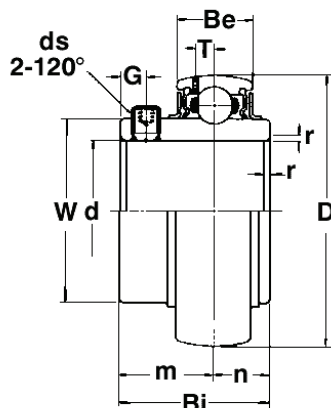
BALL BRG UNITS

Inserts: Spherical O/D
UCX

UC 200

Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Wt kg
			D	B _i	B _e	N	M	G	d _s	Dyn C	Stat C ₀	
UC213-206	60.325	2- 3/8										2.00
UC213-207	61.912	2- 7/16										1.93
UC213-208	63.500	2- 1/2	120	65.1	28	25.4	39.7	10.0	M10x1.25	5850	3650	1.85
UC213	65.000											1.77
UC214-207	61.912	2- 7/16										2.50
UC214-208	63.500	2- 1/2										2.40
UC214-210	66.675	2- 5/8										2.20
UC214-211	68.262	2-11/16	125	74.6	29	30.2	44.4	12.0	M12x1.50	6350	4000	2.10
UC214-212	69.850	2- 3/4										2.00
UC214	70.000											2.00
UC215-211	68.262	2-11/16										2.60
UC215-212	69.850	2- 3/4										2.50
UC215-213	71.438	2-13/16										2.50
UC215-214	73.025	2- 7/8	130	77.8	30	33.3	44.5	12.0	M12x1.50	6750	4400	2.40
UC215-215	74.612	2-15/16										2.30
UC215	75.000											2.30
UC215-300	76.200	3										2.20
UC216-215	74.612	2-15/16										3.10
UC216-300	76.200	3										3.00
UC216-302	79.375	3- 1/8	140	82.6	32	33.3	49.3	12.0	M12x1.50	7400	4750	2.80
UC216	80.000											2.70
UC216-303	80.962	3- 3/16										2.60
UC217-303	80.962	3- 3/16										3.70
UC217-304	82.550	3- 1/4	150	85.7	34	34.1	51.6	12.0	M12x1.50	8550	5600	3.50
UC217	85.000											3.30
UC218-307	87.312	3- 7/16										4.50
UC218-308	88.900	3- 1/2	160	96.0	36	39.7	56.3	12.0	M12x1.50	9800	6450	4.30
UC218	90.000											4.20
UC221-315	100.012	3-15/16	190	117.5	42	49.2	68.3	16.0	M16x1.50	13600	9500	7.90
UC221-400	101.600	4										7.70

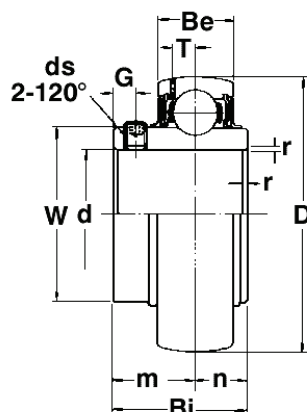
UC X00
Set Screw Type
Bore Diameter:
25 ~ 100 mm



Part No. Example:
Bearing to suit 50 mm shaft, order:
UC X10

Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Wt kg
			D	B _i	B _e	N	M	G	d _s	Dyn C	Stat C ₀	
UCX05	25	0.9843	62	38.1	19	15.9	22.2	5	M6x0.75	1990	1050	0.38
UCX06	30	1.1811	72	42.9	20	17.5	25.4	6	M8x1.00	2620	1430	0.56
UCX07	35	1.3780	80	49.2	21	19.0	30.2	8	M8x1.00	2970	1650	0.75
UCX08	40	1.5748	85	49.2	22	19.0	30.2	8	M8x1.00	3200	1850	0.82
UCX09	45	1.7717	90	51.6	23	19.0	32.6	9	M10x1.25	3600	2100	0.92
UCX10	50	1.9685	100	55.6	24	22.2	33.4	9	M10x1.25	4450	2660	1.22
UCX11	55	2.1654	110	65.1	27	25.4	39.7	10	M10x1.25	5350	3300	1.70
UCX12	60	2.3622	120	65.1	28	25.4	39.7	10	M10x1.25	5850	3650	2.00
UCX13	65	2.5591	125	74.6	29	30.2	44.4	12	M12x1.50	6350	4000	2.30
UCX14	70	2.7559	130	77.8	30	33.3	44.5	12	M12x1.50	6750	4400	2.50
UCX15	75	2.9528	140	82.6	32	33.3	49.3	12	M12x1.50	7400	4750	3.10
UCX16	80	3.1496	150	85.7	34	34.1	51.6	12	M12x1.50	8550	5600	3.70
UCX17	85	3.3465	160	96.0	36	39.7	56.3	12	M12x1.50	9800	6450	4.70
UCX18	90	3.5433	170	104.0	38	42.9	61.1	14	M14x1.50	11100	7400	5.70
UCX20	100	3.9370	190	117.5	42	49.2	68.3	16	M16x1.50	13600	9500	7.90

UC 300
Set Screw Type
Bore Diameter:
20.638 ~ 140 mm
13/16 ~ 4inch



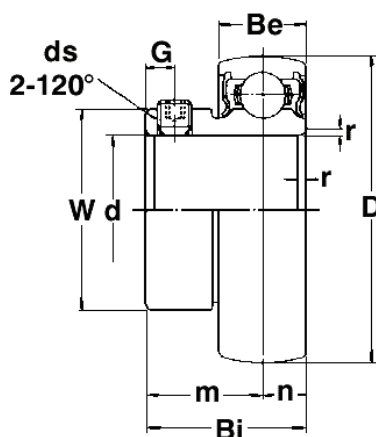
Part No. Example:
Bearing to suit 35 mm shaft, order:
UC 307

Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Wt kg
	mm	inch	D	B _i	B _e	N	M	G	d _s	Dyn C	Stat C ₀	
UC305-013	20.638	13/16										0.42
UC305-014	22.225	7/8										0.40
UC305-015	23.812	15/16	62	38	22	15	23	6	M6x0.75	2100	1080	0.38
UC305	25.000											0.37
UC305-100	25.400	1										0.36
UC306-101	26.988	1-1/16										0.58
UC306-102	28.575	1-1/8										0.56
UC306	30.000		72	43	24	17	26	6	M6x0.75	2720	1440	0.54
UC306-103	30.162	1-3/16										0.53
UC306-104	31.750	1-1/4										0.51
UC307-104	31.750	1-1/4										0.77
UC307-105	33.338	1-5/16										0.74
UC307-106	34.925	1-3/8	80	48	26	19	29	8	M8x1.00	3400	1840	0.71
UC307	35.000											0.71
UC307-107	36.512	1-7/16										0.68
UC308-107	36.512	1-7/16										1.04
UC308-108	38.100	1-1/2										1.00
UC308-109	39.688	1-9/16	90	52	28	19	33	10	M10x1.25	4150	2300	0.97
UC308	40.000											0.96
UC309-110	41.275	1-5/8										1.39
UC309-111	42.862	1-11/16	100	57	30	22	35	10	M10x1.25	5400	3100	1.35
UC309-112	44.450	1-3/4										1.30
UC309	45.000											1.28
UC310-113	46.038	1-13/16										1.79
UC310-114	47.625	1-7/8										1.73
UC310-115	49.212	1-15/16	110	61	32	22	39	12	M12x1.50	6300	3650	1.68
UC310	50.000											1.65
UC310-200	50.800	2										1.62
UC311-200	50.800	2										2.20
UC311-201	52.388	2-1/16										2.20
UC311-202	53.975	2-1/8	120	66	34	25	41	12	M12x1.50	7300	4300	2.20
UC311	55.000											2.10
UC311-203	55.562	2-3/16										2.00
UC312-204	57.150	2-1/4										2.70
UC312-205	58.738	2-5/16										2.70
UC312	60.000		130	71	36	26	45	12	M12x1.50	8350	5000	2.60
UC312-206	60.325	2-3/8										2.60
UC313-207	61.912	2-7/16										3.30
UC313-208	63.500	2-1/2	140	75	38	30	45	12	M12x1.50	9450	5750	3.20
UC313	65.000											3.20
UC314-210	66.675	2-5/8										4.00
UC314-211	68.262	2-11/16										3.90
UC314-212	69.850	2-3/4	150	78	40	33	45	12	M12x1.50	10600	6550	3.80
UC314	70.000											3.80
UC315-213	71.438	2-13/16										4.80
UC315-214	73.025	2-7/8										4.70
UC315-215	74.612	2-15/16	160	82	42	32	50	14	M14x1.50	11600	7400	4.50
UC315	75.000											4.50
UC315-300	76.200	3										4.40
UC316-302	79.375	3-1/8										5.40
UC316	80.000		170	86	44	34	52	14	M14x1.50	12500	8250	5.30
UC316-303	80.962	3-3/16										5.20

UC 300

Bearing Number	Bore Diameter mm inch		Dimensions in mm								Basic Load Ratings		Wt kg
			D	B _i	B _e	N	M	G	d _s	Dyn C	Stat C _o		
UC317-304	82.550	3-1/4	180	96	46	40	56	16	M16x1.50	13500	9200	6.70	
UC317	85.000											6.40	
UC318-307	87.312	3-7/16										7.60	
UC318-308	88.900	3-1/2	190	96	48	40	56	16	M16x1.50	14500	10200	7.40	
UC318	90.000											7.30	
UC319	95.000		200	103	50	41	62	16	M16x1.50	15600	11300	8.50	
UC319-312	95.250	3-3/4										8.50	
UC320	100.000											10.70	
UC320-315	100.012	3-15/16	215	108	54	42	66	18	M18x1.50	17700	13500	10.70	
UC320-400	101.600	4										10.50	
UC321	105.000		225	112	56	44	68	18	M18x1.50	18700	14700	12.00	
UC322	110.000		240	117	60	46	71	18	M18x1.50	20900	17200	14.70	
UC324	120.000		260	126	64	51	75	18	M18x1.50	21100	17400	18.90	
UC326	130.000		280	135	68	54	81	20	M20x1.50	23400	20200	23.00	
UC328	140.000		300	145	73	59	86	20	M20x1.50	25800	23200	28.00	

AS 200
Set Screw Type
Bore Diameter:
12 ~ 36.512 mm



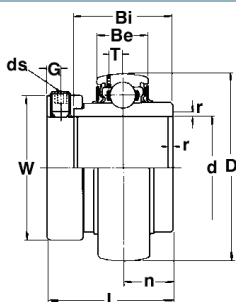
Part No. Example:
Bearing to suit 25 mm shaft, order:
AS 205

Bearing Number	Bore Diameter mm inch		Dimensions in mm								Basic Load Ratings		Wt kg
			D	B _i	B _e	N	M	G	d _s	Dyn C	Stat C ₀		
AS201	12		40	22.0	12	6.0	16.0	4.0	M5x0.80	975	460	0.09	
AS201-008	12.700	1/2										0.09	
AS202-009	14.288	9/16										0.08	
AS202	15		40	22.0	12	6.0	16.0	4.0	M5x0.80	975	460	0.08	
AS202-010	15.875	5/8										0.08	
AS203	17		40	22.0	12	6.0	16.0	4.0	M5x0.80	975	460	0.07	
AS203-011	17.462	11/16										0.07	
AS204-012	19.050	3/4	47	24.7	14	7.0	17.7	4.5	M5x0.80	1300	635	0.12	
AS204	20											0.11	
AS205-013	20.638	13/16										0.18	
AS205-014	22.225	7/8										0.17	
AS205-015	23.812	15/16	52	27.0	15	7.5	19.5	5.0	M6x0.75	1430	730	0.16	
AS205	25											0.15	
AS205-100	25.400	1										0.14	
AS206-101	26.988	1-1/16										0.26	
AS206-102	28.575	1-1/8										0.25	
AS206	30		62	30.3	16	8.0	22.3	5.0	M6x0.75	1990	1050	0.23	
AS206-103	30.162	1-3/16										0.23	
AS206-104	31.750	1-1/4										0.21	
AS207-104	31.750	1-1/4										0.39	
AS207-105	33.338	1-5/16										0.37	
AS207-106	34.925	1-3/8	72	32.9	17	8.5	24.4	6.0	M8x1.00	2620	1430	0.35	
AS207	35											0.34	
AS207-107	36.512	1-7/16										0.32	

BALL BRG UNITS

Inserts: Spherical O/D
UEL2

UEL 200
Eccentric Locking
Collar Type
Bore Diameter:
12 ~ 76.200 mm



Part No. Example:

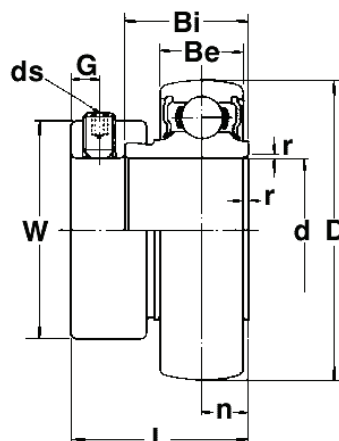
Bearing to suit 40 mm shaft, order:
UEL 208

Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Eccentric Collar No.	Wt kg
	mm	inch	D	L	B _i	B _e	N	G	d _s	Dyn C	Stat C _o		
UEL201	12		40	37.3	27.8	13	13.9	5	M6x0.75	975	460	EC201	0.16
UEL201-008	12.700	1/2										EC201-08	0.16
UEL202-009	14.288	9/16										EC202-09	0.15
UEL202	15		40	37.3	27.8	13	13.9	5	M6x0.75	975	460	EC202	0.14
UEL202-010	15.875	5/8										EC202-10	0.14
UEL203	17		40	37.3	27.8	13	13.9	5	M6x0.75	975	460	EC203	0.13
UEL203-011	17.462	11/16										EC203-11	0.12
UEL204-012	19.050	3/4	47	43.7	34.2	17	17.1	5	M6x0.75	1300	635	EC204-12	0.22
UEL204	20											EC204	0.21
UEL205-013	20.638	13/16										EC205-13	0.29
UEL205-014	22.225	7/8										EC205-14	0.27
UEL205-015	23.812	15/16	52	44.4	34.9	17	17.5	5	M6x0.75	1430	730	EC205-15	0.25
UEL205	25											EC205	0.23
UEL205-100	25.400	1										EC205-16	0.23
UEL206-101	26.988	1-1/16										EC206-17	0.43
UEL206-102	28.575	1-1/8										EC206-18	0.40
UEL206	30		62	48.4	36.5	19	18.3	6	M8x1.00	1990	1050	EC206	0.37
UEL206-103	30.162	1-3/16										EC206-19	0.37
UEL206-104	31.750	1-1/4										EC206-20	0.34
UEL207-104	31.750	1-1/4										EC207-20	0.67
UEL207-105	33.338	1-5/16										EC207-21	0.63
UEL207-106	34.925	1-3/8	72	51.1	37.6	20	18.8	7	M10x1.25	2620	1430	EC207-22	0.60
UEL207	35											EC207	0.60
UEL207-107	36.512	1-7/16										EC207-23	0.56
UEL208-107	36.512	1-7/16										EC208-23	0.85
UEL208-108	38.100	1-1/2										EC208-24	0.81
UEL208-109	39.688	1-9/16	80	56.3	42.8	21	21.4	7	M10x1.25	2970	1650	EC208-25	0.77
UEL208	40											EC208	0.76
UEL209-110	41.275	1-5/8										EC209-26	0.90
UEL209-111	42.862	1-11/16	85	56.3	42.8	22	21.4	7	M10x1.25	3200	1850	EC209-27	0.86
UEL209-112	44.450	1-3/4										EC209-28	0.81
UEL209	45											EC209	0.79
UEL210-113	46.038	1-13/16										EC210-29	1.05
UEL210-114	47.625	1-7/8										EC210-30	1.00
UEL210-115	49.212	1-15/16	90	62.7	49.2	23	24.6	7	M10x1.25	3600	2100	EC210-31	0.94
UEL210	50											EC210	0.91
UEL210-200	50.800	2										EC210-32	0.88
UEL211-200	50.800	2										EC211-32	1.47
UEL211-201	52.388	2-1/16										EC211-33	1.40
UEL211-202	53.975	2-1/8	100	71.4	55.5	24	27.8	8	M12x1.50	4450	2660	EC211-34	1.32
UEL211	55											EC211	1.27
UEL211-203	55.562	2-3/16										EC211-35	1.25
UEL212-204	57.150	2-1/4										EC212-36	1.87
UEL212-205	58.738	2-5/16										EC212-37	1.78
UEL212	60		110	77.8	61.9	27	31.0	8	M12x1.50	5350	3300	EC212	1.71
UEL212-206	60.325	2-3/8										EC212-38	1.69
UEL212-207	61.912	2-7/16										EC212-39	2.50
UEL213-208	63.500	2-1/2	120	85.7	68.2	28	34.1	9	M12x1.50	5850	3650	EC213-40	2.40
UEL213	65											EC213	2.30
UEL214-210	66.675	2-5/8										EC214-42	2.70
UEL214-211	68.262	2-11/16										EC214-43	2.60
UEL214-212	69.850	2-3/4	125	85.7	68.2	29	34.1	8.5	M12x1.50	6350	4000	EC214-44	2.50
UEL214	70											EC214	2.50
UEL215-213	71.438	2-13/16										EC215-45	2.90
UEL215-214	73.025	2-7/8										EC215-46	2.80
UEL215-215	74.612	2-15/16	130	92.1	74.6	30	37.3	9	M12x1.50	6750	4400	EC215-47	2.70
UEL215	75											EC215	2.70
UEL215-300	76.200	3										EC215-48	2.60

BALL BRG UNITS

Inserts: Spherical O/D
AEL2

AEL 200 Eccentric Locking Collar Type Bore Diameter: 12 ~ 60.325 mm



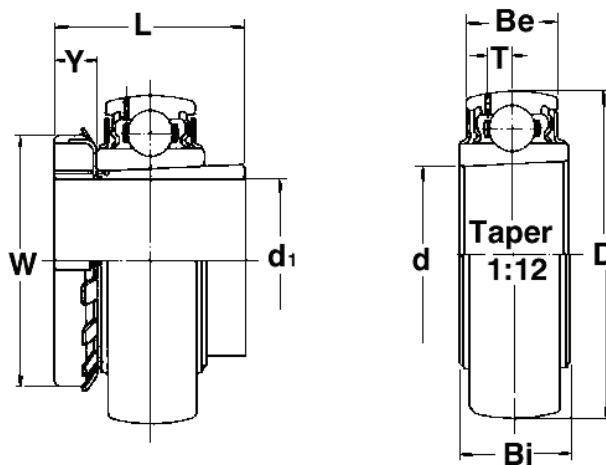
Part No. Example:
Bearing to suit 35 mm shaft, order:
AEL 207

Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Eccentric Collar No.	Wt kg
			D	L	B _i	B _e	N	G	d _s	Dyn C	Stat C ₀		
AEL201	12		40	28.6	19.1	12	6.5	5	M6x0.75	975	460	EC201	0.13
AEL201-008	12.700	1/2										EC201-08	0.13
AEL202-009	14.288	9/16										EC202-09	0.12
AEL202	15		40	28.6	19.1	12	6.5	5	M6x0.75	975	460	EC202	0.11
AEL202-010	15.875	5/8										EC202-10	0.11
AEL203	17		40	28.6	19.1	12	6.5	5	M6x0.75	975	460	EC203	0.10
AEL203-011	17.462	11/16										EC203-11	0.10
AEL204-012	19.050	3/4	47	31	21.5	14	7.5	5	M6x0.75	1300	635	EC204-12	0.17
AEL204	20											EC204	0.16
AEL205-013	20.638	13/16										EC205-13	0.24
AEL205-014	22.225	7/8										EC205-14	0.22
AEL205-015	23.812	15/16	52	31	21.5	15	7.5	5	M6x0.75	1430	730	EC205-15	0.21
AEL205	25											EC205	0.20
AEL205-100	25.400	1										EC205-16	0.19
AEL206-101	26.988	1-1/16										EC206-17	0.34
AEL206-102	28.575	1-1/8										EC206-18	0.32
AEL206	30		62	35.7	23.8	16	9	6	M8x1.00	1990	1050	EC206	0.31
AEL206-103	30.162	1-3/16										EC206-19	0.30
AEL206-104	31.750	1-1/4										EC206-20	0.28
AEL207-104	31.750	1-1/4										EC207-20	0.54
AEL207-105	33.338	1-5/16										EC207-21	0.51
AEL207-106	34.925	1-3/8	72	38.9	25.4	17	9.5	7	M10x1.25	2620	1430	EC207-22	0.49
AEL207	35											EC207	0.49
AEL207-107	36.512	1-7/16										EC207-23	0.46
AEL208-107	36.512	1-7/16										EC208-23	0.69
AEL208-108	38.100	1-1/2										EC208-24	0.66
AEL208-109	39.688	1-9/16	80	43.7	30.2	18	11	7	M10x1.25	2970	1650	EC208-25	0.63
AEL208	40											EC208	0.62
AEL209-110	41.275	1-5/8										EC209-26	0.74
AEL209-111	42.862	1-11/16	85	43.7	30.2	19	11	7	M10x1.25	3200	1850	EC209-27	0.70
AEL209-112	44.450	1-3/4										EC209-28	0.67
AEL209	45											EC209	0.65
AEL210-113	46.038	1-13/16										EC210-29	0.85
AEL210-114	47.625	1-7/8										EC210-30	0.81
AEL210-115	49.212	1-15/16	90	43.7	30.2	20	11	7	M10x1.25	3600	2100	EC210-31	0.77
AEL210	50											EC210	0.75
AEL210-200	50.800	2										EC210-32	0.73
AEL211-200	50.800	2										EC211-32	1.08
AEL211-201	52.388	2-1/16										EC211-33	1.03
AEL211-202	53.975	2-1/8	100	48.4	32.5	21	12	8	M12x1.50	4450	2660	EC211-34	0.98
AEL211	55											EC211	0.94
AEL211-203	55.562	2-3/16										EC211-35	0.93
AEL212-204	57.150	2-1/4										EC212-36	1.28
AEL212-205	58.738	2-5/16										EC212-37	1.22
AEL212	60		110	53.1	37.2	22	13.5	8	M12x1.50	5350	3300	EC212	1.17
AEL212-206	60.325	2-3/8										EC212-38	1.15

UK 200
Tapered Bore
With Adapters
Shaft Diameter:
19.050 ~ 80.962 mm

Part No. Example:

Bearing/Sleeve to suit 50 mm shaft,
order: UK 211 + H2311



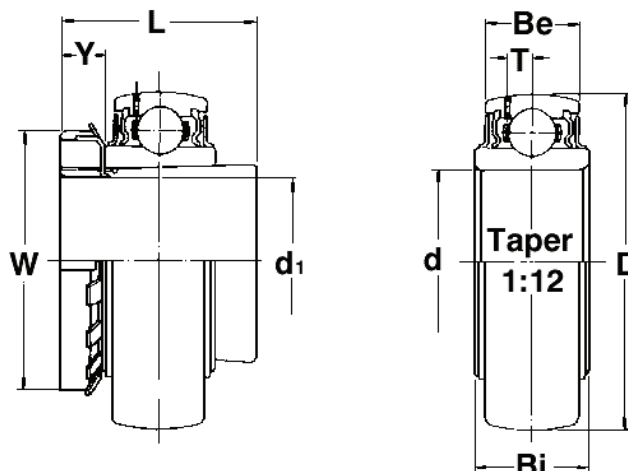
Bearing Number	Shaft Diameter mm	Diameter inch	Dimensions in mm				Basic Load Ratings		Wt kg	Adapter No.	Dimensions in mm		
			d	D	B _i	B _e	Dyn C	Stat C ₀			L	Y	W
UK205	19.050 20	3/4	25	52	23	17	1430	730	0.15	HE2305 H 2305	35	8	38
UK206	22.225	7/8	30	62	26	19	1990	1050	0.26	HS2306 HA2306	38	8	45
	23.812	15/16								H 2306 HE2306			
	25	1								HS2307			
UK207	28.575	1-1/8	35	72	27	20	2620	1430	0.36	H 2307 HA2307	43	9	52
	30	1-3/16								HE2308			
UK208	31.750	1-1/4	40	80	29	21	2970	1650	0.47	HS2308 H 2308	46	10	58
	34.925	1-3/8								HA2309			
	35	1-7/16								HE2309			
UK209	36.512	1-7/16	45	85	30	22	3200	1850	0.52	H 2309 HS2310	50	11	65
	38.100	1-1/2								HA2310			
UK210	40	1-5/8	50	90	31	23	3600	2100	0.56	HE2310 H 2310	55	12	70
	41.275	1-11/16								HS2311			
	42.862	1-3/4								HA2311			
UK211	44.450	1-7/8	55	100	33	24	4450	2660	0.77	H 2311 HE2311	59	12	75
	45	1-15/16								HS2312			
	47.625	2								HA2312			
UK212	49.212	2-1/8	60	110	36	27	5350	3300	1.01	H 2312 HS2313	62	13	80
	50	2-3/16								HA2313			
	50.800	2-1/4								HE2313			
UK213	53.975	2-3/8	65	120	38	28	5850	3650	1.27	H 2313 HS2313	65	14	85
	55	2-7/16								HA2315			
	55.562	2-1/2								HE2315			
UK215	57.150	2-11/16	75	130	41	30	6750	4400	1.52	H 2315 HA2316	73	15	98
	60	2-3/4								HE2316			
	60.325	2-15/16								H 2316			
UK216	61.912	3	80	140	44	32	7400	4750	1.85	HA2317 H 2317	78	17	105
	63.500	3-1/8								HS2318			
	65	3-3/16								HA2318			
UK217	68.262	3-1/2	85	150	46	34	8550	5600	2.30	H 2318 HS2319	82	18	110
	69.850	3-7/8								HA2319			
	70	4								H 2319			
UK218	74.612	4-1/8	90	160	49	36	9800	6450	3.10	HA2320 H 2320	86	18	120
	75	4-1/4								HS2321			
	76.200	4-3/8								HA2321			
UK219	79.375	4-1/2	95	170	52	38	10900	7200	3.63	H 2321 HS2322	88	18	125
	80	4-7/8								HA2322			
	80.962	5								H 2322			

BALL BRG UNITS

Inserts: Spherical O/D
UKX

UK XOO
Tapered Bore
With Adapters
Shaft Diameter:
19.050 ~ 90 mm

Part No. Example:
Bearing to suit 1-1/8 shaft, order:
UK X06 + HS2307



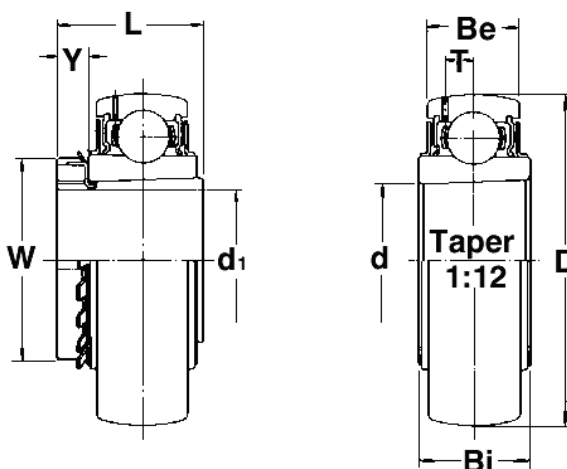
Bearing Number	Shaft Diameter mm inch		Dimensions in mm				Basic Load Ratings Dyn C Stat C ₀		Wt kg	Adapter No.	Dimensions in mm		
			d	D	B _i	B _e					L	Y	W
UKX05	19.050	3/4	25	62	26	19	1990	1050	0.29	HE2305	35	8	38
	20									H 2305			
UKX06	22.225	7/8								HS2306			
	23.812	15/16	30	72	27	20	2260	1170	0.42	HA2306	38	8	45
	25									H 2306			
	25.400	1								HE2306			
	28.575	1-1/8								HS2307			
UKX07	30		35	80	29	21	2970	1650	0.54	H 2307	43	9	52
	30.162	1-3/16								HA2307			
	31.750	1-1/4								HE2308			
UKX08	34.925	1-3/8	40	85	30	22	3200	1850	0.60	HS2308	46	10	58
	35									H 2308			
	36.512	1-7/16								HA2309			
UKX09	38.100	1-1/2	45	90	31	23	3600	2100	0.66	HE2309	50	11	65
	40									H 2309			
	41.275	1-5/8								HS2310			
UKX10	42.862	1-11/16	50	100	33	24	4450	2660	0.88	HA2310	55	12	70
	44.450	1-3/4								HE2310			
	45									H 2310			
	47.625	1-7/8								HS2311			
UKX11	49.212	1-15/16	55	110	36	27	5350	3300	1.14	HA2311	59	12	75
	50									H 2311			
	50.800	2								HE2311			
UKX12	53.975	2-1/8	60	120	38	28	5850	3650	1.44	HS2312	62	13	80
	55									H 2312			
	55.562	2-3/16								HA2313			
UKX13	57.150	2-1/4	65	125	41	29	6350	4000	1.58	HE2313	65	14	85
	60									H 2313			
	61.912	2-7/16								HA2315			
UKX15	63.500	2-1/2	75	140	44	32	7400	4750	2.1	HE2315	73	15	98
	65									H 2315			
	68.262	2-11/16								HA2316			
UKX16	69.850	2-3/4	80	150	46	34	8550	5600	2.5	HE2316	78	17	105
	70									H 2316			
	74.612	2-15/16								HA2317			
UKX17	75		85	160	49	36	9800	6450	3.4	H 2317	82	18	110
	76.200	3								HE2317			
UKX18	80		90	170	52	38	11100	7400	3.7	H 2318	86	18	120
	80.962	3-1/8								HA2318			
UKX20	88.900	3-1/2	100	190	58	42	13600	9500	5.1	HE2320	97	20	130
	90									H 2320			

BALL BRG UNITS

Inserts: Spherical O/D
UK3

UK 300
Tapered Bore
With Adapters
Shaft Diameter:
19.050 ~ 125 mm

Part No. Example:
Bearing to suit 2 inch shaft, order:
UK 311 + HE2311

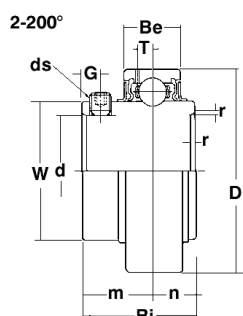


Bearing Number	Shaft Diameter mm inch		Dimensions in mm				Basic Load Ratings		Wt kg	Adapter No.	Dimensions in mm		
			d	D	B _i	B _e	Dyn C	Stat C ₀			L	Y	W
UK305	19.050	3/4	25	62	26	22	2100	1080	0.30	HE2305	35	8	38
	20									H 2305			
UK306	22.225	7/8								HS2306			
	23.812	15/16	30	72	29	24	2720	1440	0.43	HA2306	38	8	45
	25									H 2306			
UK307	25.400	1								HE2306			
	28.575	1-1/8								HS2307			
	30		35	80	31	26	3400	1840	0.56	H 2307	43	9	52
UK308	30.162	1-3/16								HA2307			
	31.750	1-1/4								HE2308			
	34.925	1-3/8	40	90	34	28	4150	2300	0.76	HS2308	46	10	58
UK309	35									H 2308			
	36.512	1-7/16								HA2309			
	38.100	1-1/2	45	100	37	30	5400	3100	0.99	HE2309	50	11	65
UK310	40									H 2309			
	41.275	1-5/8								HS2310			
	42.862	1-11/16	50	110	40	32	6300	3650	1.28	HA2310	55	12	70
UK311	44.450	1-3/4								HE2310			
	45									H 2310			
	47.625	1-7/8								HS2311			
UK312	49.212	1-15/16	55	120	43	34	7300	4300	1.62	HA2311	59	12	75
	50									H 2311			
	50.800	2								HE2311			
UK313	53.975	2-1/8	60	130	46	36	8350	5000	2.0	HS2312	62	13	80
	55									H 2312			
	55.562	2-3/16								HA2313			
UK315	57.150	2-1/4	65	140	48	38	9450	5750	2.5	HE2313	65	14	85
	60									H 2313			
	60.325	2-3/8								HS2313			
UK316	61.912	2-7/16								HA2315			
	63.500	2-1/2	75	160	54	42	11600	7400	3.6	HE2315	73	15	98
	65									H 2315			
UK317	68.262	2-11/16								HA2316			
	69.850	2-3/4	80	170	57	44	12500	8250	4.2	HE2316	78	17	105
	70									H 2316			
UK318	74.612	2-15/16								HA2317			
	75		85	180	60	46	13500	9200	4.9	H 2317	82	18	110
	76.200	3								HE2317			
UK319	79.375	3-1/8								HS2318			
	80		90	190	63	48	14500	10200	5.7	H 2318	86	18	120
	80.962	3-3/16								HA2318			
UK320	82.550	3-1/4	95	200	66	50	15600	11300	6.4	HE2319	90	19	125
	85									H 2319			
	88.900	3-1/2	100	215	72	54	17700	13500	8.4	HE2320	97	20	130
UK322	90									H 2320			
	100	3-15/16	110	240	80	60	20900	17200	11.8	H 2322	105	21	145
	101.600	4								HE2322			
UK324	110		120	260	86	64	21100	17400	15.2	H 2324	112	22	155
UK326	115		130	280	92	68	23400	20200	18.7	H 2326	121	23	165
UK328	125		140	300	98	73	25800	23200	23.0	H 2328	131	24	180

BALL BRG UNITS

Inserts: Parallel O/D
UCS2

UCS 200
Set Screw Type
Bore Diameter:
12 ~ 90 mm



Part No. Example:

Bearing to suit 45mm shaft, order:
UCS 209

Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Wt kg
	inch	mm	D	B _i	B _e	N	M	G	d _s	Dyn C	Stat C ₀	
UCS201		12	47	31.0	17	12.7	18.3	4.5	M6X0.75	1300	635	0.21
UCS201-008	1/2	12.700										0.21
UCS202-009	9/16	14.288										0.20
UCS202		15	47	31.0	17	12.7	18.3	4.5	M6X0.75	1300	635	0.20
UCS202-010	5/8	15.875										0.19
UCS203		17	47	31.0	17	12.7	18.3	4.5	M6X0.75	1300	635	0.19
UCS203-011	11/16	17.462										0.18
UCS204-012	3/4	19.050	47	31.0	17	12.7	18.3	4.5	M6X0.75	1300	635	0.17
UCS204		20										0.17
UCS205-013	13/16	20.638										0.25
UCS205-014	7/8	22.225										0.23
UCS205-015	15/16	23.812	52	34.0	17	14.3	19.7	5.0	M6X0.75	1430	730	0.22
UCS205		25										0.20
UCS205-100	1	25.400										0.20
UCS206-101	1-1/16	26.988										0.36
UCS206-102	1-1/8	28.575										0.34
UCS206		30	62	38.1	19	15.9	22.2	5.0	M6X0.75	1990	1050	0.32
UCS206-103	1-3/16	30.162										0.32
UCS206-104	1-1/4	31.750										0.30
UCS207-104	1-1/4	31.750										0.55
UCS207-105	1-5/16	33.338										0.52
UCS207-106	1-3/8	34.925	72	42.9	20	17.5	25.4	6.0	M6X0.75	1990	1050	0.50
UCS207		35										0.49
UCS207-107	1-7/16	36.512										0.46
UCS208-107	1-7/16	36.512										0.73
UCS208-108	1-1/2	38.100	80	49.2	21	19.0	30.2	8.0	M8X1	2970	1650	0.70
UCS208-109	1-9/16	39.688										0.66
UCS208		40										0.65
UCS209-110	1-5/8	41.275										0.81
UCS209-111	1-11/16	42.862	85	49.2	22	19.0	30.2	8.0	M8X1	3200	1850	0.77
UCS209-112	1-3/4	44.450										0.73
UCS209		45										0.71
UCS210-113	1-13/16	46.038										0.91
UCS210-114	1-7/8	47.625										0.86
UCS210-115	1-15/16	49.212	90	51.6	23	19.0	32.6	9.0	M10X1.25	3600	2100	0.81
UCS210		50										0.79
UCS210-200	2	50.800										0.76
UCS211-200	2	50.800										1.23
UCS211-201	2-1/16	52.388										1.17
UCS211-202	2-1/8	53.975	100	55.6	24	22.2	33.4	9.0	M10X1.25	4450	2660	1.11
UCS211		55										1.07
UCS211-203	2-3/16	55.562										1.05
UCS212-204	2-1/4	57.150										1.65
UCS212-205	2-5/16	58.738	110	65.1	27	25.4	39.7	10.0	M10X1.25	5350	3300	1.57
UCS212		60										1.51
UCS212-206	2-3/8	60.325										1.50
UCS213-207	2-7/16	61.912										1.97
UCS213-208	2-1/2	63.500	120	65.1	28	25.4	39.7	10.0	M10X1.25	5850	3650	1.89
UCS213		65										1.81
UCS214-210	2-5/8	66.675										2.3
UCS214-211	2-11/16	68.262	125	74.6	29	30.2	44.4	12.0	M12X1.5	6350	4000	2.2
UCS214-212	2-3/4	69.850										2.1
UCS214		70										2.1
UCS215-213	2-13/16	71.438										2.6
UCS215-214	2-7/8	73.025										2.5
UCS215-215	2-15/16	74.612	130	77.8	30	33.3	44.5	12.0	M12X1.5	6750	4400	2.4
UCS215		75										2.4
UCS215-300	3	76.200										2.3

BALL BRG UNITS

Inserts: Parallel O/D
AELS2

UCS 200

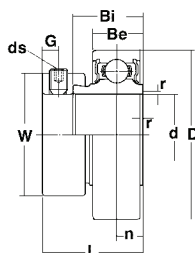
Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Wt kg
	inch	mm	D	B _i	B _e	N	M	G	d _s	Dyn C	Stat C ₀	
UCS216-302	3-1/8	79.375										2.9
UCS216		80	140	82.6	32	33.3	49.3	12.0	M12X1.5	7400	4750	2.8
UCS216-303	3-3/16	80.962										2.7
UCS217-304	3-1/4	82.550	150	85.7	34	34.1	51.6	12.0	M12X1.5	8550	5600	3.6
UCS217		85										3.4
UCS218-305	3-7/16	87.312										4.6
UCS218-306	3-1/2	88.900	160	96.0	36	39.7	56.3	12.0	M12X1.5	9800	6450	4.4
UCS218		90										4.3

AELS 200

Eccentric Locking Collar Type

Bore Diameter:

12 ~ 60.325 mm



Part No. Example:

Bearing to suit 20mm shaft, order:
AELS 204

Bearing Number	Bore Diameter		Dimensions in mm							Basic Load Ratings		Eccentric Collar No.	Wt kg
	inch	mm	D	L	B _i	B _e	N	G	d _s	Dyn C	Stat C ₀		
AELS201		12	40	28.6	19.1	12	6.5	5.0	M6X0.75	975	460	EC201	0.13
AELS201-008	1/2	12.700										EC201-8	0.13
AELS202-009	9/16	14.288										EC202-9	0.12
AELS202		15	40	28.6	19.1	12	6.5	5.0	M6X0.75	975	460	EC202	0.11
AELS202-010	5/8	15.875										EC202-10	0.11
AELS203		17	40	28.6	19.1	12	6.5	5.0	M6X0.75	975	460	EC203	0.10
AELS203-011	11/16	17.462										EC203-11	0.10
AELS204-012	3/4	19.050	47	31.0	21.5	14	7.5	5.0	M6X0.75	1300	635	EC204-12	0.18
AELS204		20										EC204	0.17
AELS205-013	13/16	20.638										EC205-13	0.25
AELS205-014	7/8	22.225										EC205-14	0.23
AELS205-015	15/16	23.812	52	31.0	21.5	15	7.5	5.0	M6X0.75	1430	730	EC205-15	0.22
AELS205		25										EC205	0.21
AELS205-100	1	25.400										EC205-16	0.20
AELS206-101	1-1/16	26.988										EC206-17	0.35
AELS206-102	1-1/8	28.575										EC206-18	0.33
AELS206		30	62	35.7	23.8	16	9.0	6.0	M8X1	1990	1050	EC206	0.32
AELS206-103	1-3/16	30.162										EC206-19	0.31
AELS206-104	1-1/4	31.750										EC206-20	0.29
AELS207-104	1-1/4	31.750										EC207-20	0.55
AELS207-105	1-5/16	33.338										EC207-21	0.52
AELS207-106	1-3/8	34.925	72	38.9	25.4	17	9.5	7.0	M10X1.25	2620	1430	EC207-22	0.50
AELS207		35										EC207	0.50
AELS207-107	1-7/16	36.512										EC207-23	0.47
AELS208-107	1-7/16	36.512										EC208-23	0.70
AELS208-108	1-1/2	38.100	80	43.7	30.2	18	11.0	7.0	M10X1.25	2970	1650	EC208-24	0.67
AELS208-109	1-9/16	39.688										EC208-25	0.64
AELS208		40										EC208	0.63
AELS209-110	1-5/8	41.275										EC209-26	0.75
AELS209-111	1-11/16	42.862	85	43.7	30.2	19	11.0	7.0	M10X1.25	3200	1850	EC209-27	0.71
AELS209-112	1-3/4	44.450										EC209-28	0.68
AELS209		45										EC209	0.68
AELS210-113	1-13/16	46.038										EC210-29	0.87
AELS210-114	1-7/8	47.625										EC210-30	0.83
AELS210-115	1-15/16	49.212	90	43.7	30.2	20	11.0	7.0	M10X1.25	3600	2100	EC210-31	0.79
AELS210		50										EC210	0.77
AELS210-200	2	50.800										EC210-32	0.75
AELS211-200	2	50.800										EC211-32	1.10
AELS211-201	2-1/16	52.388										EC211-33	1.05
AELS211-202	2-1/8	53.975	100	48.4	32.5	21	12.0	8.0	M12X1.5	4450	2660	EC211-34	1.00
AELS211		55										EC211	0.96
AELS211-203	2-3/16	55.562										EC211-35	0.95
AELS212-204	2-1/4	57.150										EC212-36	1.30
AELS212-205	2-5/16	58.738	110	53.1	37.2	22	13.5	8.0	M12X1.5	5350	3300	EC212-37	1.24
AELS212		60										EC212	1.19
AELS212-206	2-3/8	60.325										EC212-38	1.17

- Corrosion Resistant Units
- Stainless Steel Bearing Inserts
- Effective, Efficient Sealing
- Food Grade Grease Approved to USDA H1
- Wide Operating Temperature
- End Covers Available

Stainless Steel

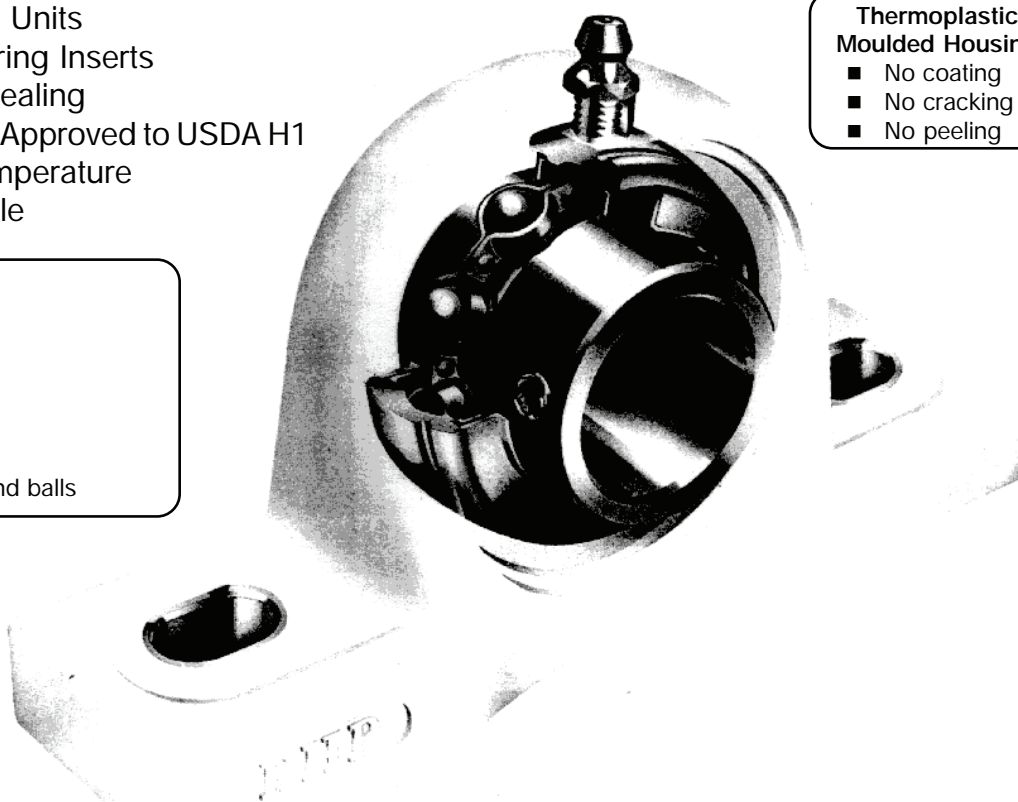
- Grease nipple
- Bolt hole liners
- Set screws
- Flinger
- Seal core
- Bearing rings, cage and balls

Withstands Frequent Washdowns Resisting

- Corrosion
- Detergents
- Chemicals
- Fungicides

Thermoplastic Moulded Housing

- No coating
- No cracking
- No peeling



INTRODUCTION

The Silver-Lube series is a range of corrosion resistant bearing units specifically for use in industries where frequent thorough washdowns are necessary, optimum hygiene standards are required and good chemical resistance is important over a wide temperature range.

The units are available in pillow block, two bolt and four bolt flange configurations and are capable of accommodating initial misalignment from mounting errors. In operating the units have proven reliability in the most hostile applications. Relubrication is possible for long trouble-free life - minimising maintenance, maximising productivity and helping maintain hygiene standards.

Silver-Lube housings are made from Valox® 420 thermoplastic resin which in addition to being non-corrodable is resistant to detergents and a wide range of chemicals. The housings are paint and coating free which prevents chipping or flaking and have smooth surfaces to assist thorough washdowns. The housing material also demonstrates fungicidal resistance.

Silver-Lube bearing inserts are made from stainless steel, are provided with effective, efficient sealing arrangements, and are charged with a USDA H1 approved food grade grease as standard.

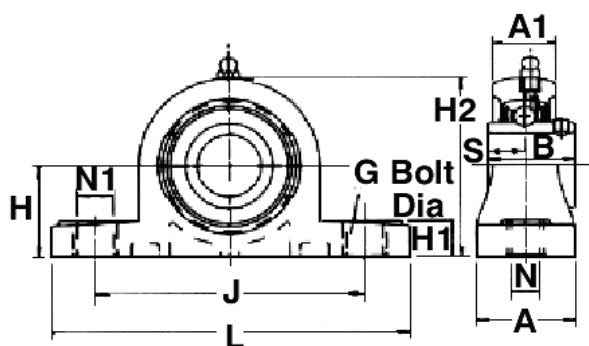
Full technical specifications, application details and descriptions of the Silver-Lube range are provided within this document.



FROM FOOD TO PHARMACEUTICALS

BALL BRG UNITS

Silver Lube
Series PNP, PSF, PSFT

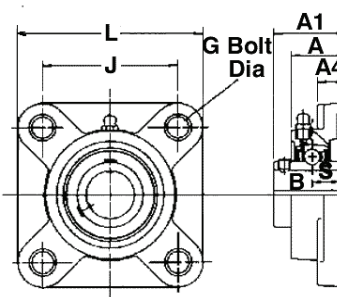


UNIT DIMENSIONS

Silver-Lube mounting details are interchangeable with the traditional RHP Self-Lube range. Some non-critical dimensions do, however differ, see tables below.

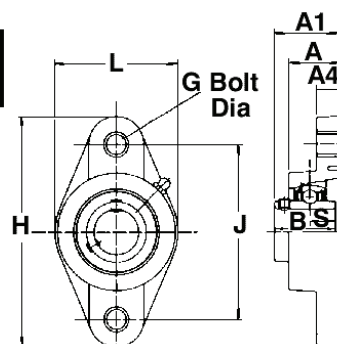
RHP Designation	Shaft Dia.	Basic Insert	Housing Group	L	H	H1	H2	J	N	N1	G	A	A1	B	S	Weight (kg)
PNP20CR	20	J1020	2	127.2	33.3	14.2	65.9	94.9	11.0	14.2	M10	37.8	22.5	31.0	12.7	0.27
PNP3/4CR	3/4	J1020	2	127.2	33.3	14.2	65.9	94.9	11.0	14.2	M10	37.8	22.5	31.0	12.7	0.27
PNP25CR	25	J1025	3	140.2	36.5	14.5	71.9	104.9	11.0	14.2	M10	37.8	24.5	34.0	14.3	0.39
PNP1CR	1	J1025	3	140.2	36.5	14.5	71.9	104.9	11.0	14.2	M10	37.8	24.5	34.0	14.3	0.39
PNP30CR	30	J1030	4	162.2	42.9	17.8	83.9	118.9	14.0	18.2	M12	45.8	27.0	38.1	15.9	0.52
PNP1.3/16CR	1.3/16	J1030	4	162.2	42.9	17.8	83.9	118.9	14.0	18.2	M12	45.8	27.0	38.1	15.9	0.52
PNP1.1/4CR	1.1/4	J1030	4	162.2	42.9	17.8	83.9	118.9	14.0	18.2	M12	45.8	27.0	38.1	15.9	0.52
PNP35CR	35	J1035	5	167.2	47.6	18.0	94.9	126.9	14.0	18.2	M12	47.8	32.5	42.9	17.5	0.72
PNP1.1/4CR	1.1/4	J1035	5	167.2	47.6	18.0	94.9	126.9	14.0	18.2	M12	47.8	32.5	42.9	17.5	0.72
PNP1.7/16CR	1.7/16	J1035	5	167.2	47.6	18.0	94.9	126.9	14.0	18.2	M12	47.8	32.5	42.9	17.5	0.72

RHP Designation	Shaft Dia.	Basic Insert	Housing Group	L	J	G	A	A1	A4	B	S	Wt. kg.
PSF20CR	20	J1020	2	86.5	63.5	M10	27.8	36.3	13.4	31.0	12.7	0.28
PSF3/4CR	3/4	J1020	2	86.5	63.5	M10	27.8	36.3	13.4	31.0	12.7	0.28
PSF25CR	25	J1025	3	95.0	70.0	M10	27.9	36.7	14.3	34.0	14.3	0.34
PSF1CR	1	J1025	3	95.0	70.0	M10	27.9	36.7	14.3	34.0	14.3	0.34
PSF30CR	30	J1030	4	107.5	83.0	M10	31.5	41.4	14.3	38.1	15.9	0.50
PSF1.3/16CR	1.3/16	J1030	4	107.5	83.0	M10	31.5	41.4	14.3	38.1	15.9	0.50
PSF1.1/4CR	1.1/4	J1030	4	107.5	83.0	M10	31.5	41.4	14.3	38.1	15.9	0.50
PSF35CR	35	J1035	5	117.5	92.0	M12	34.8	46.9	15.5	42.9	17.5	0.74
PSF1.1/4CR	1.1/4	J1035	5	117.5	92.0	M12	34.8	46.9	15.5	42.9	17.5	0.74
PSF1.7/16CR	1.7/16	J1035	5	117.5	92.0	M12	34.8	46.9	15.5	42.9	17.5	0.74



PSF Series

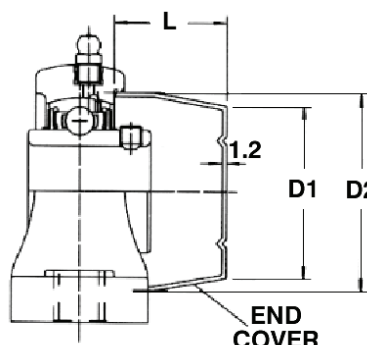
RHP Designation	Shaft Dia.	Basic Insert	Housing Grp	L	H	J	G	A	A1	A4	B	S	Wt. kg
PSFT20CR	20	J1020	2	64.1	113.3	90.0	M10	26.5	33.7	11.4	31.0	12.7	0.24
PSFT3/4CR	3/4	J1020	2	64.1	113.3	90.0	M10	26.5	33.7	11.4	31.0	12.7	0.24
PSFT25CR	25	J1025	3	68.4	130.3	99.0	M10	29.1	36.7	13.4	34.0	14.3	0.30
PSFT1CR	1	J1025	3	68.4	130.3	99.0	M10	29.1	36.7	13.4	34.0	14.3	0.30
PSFT30CR	30	J1030	4	80.1	148.3	117.0	M10	30.5	41.2	13.4	38.1	15.9	0.44
PSFT1.3/16CR	1.3/16	J1030	4	80.1	148.3	117.0	M10	30.5	41.2	13.4	38.1	15.9	0.44
PSFT1.1/4R	1.1/4	J1030	4	80.1	148.3	117.0	M10	30.5	41.2	13.4	38.1	15.9	0.44
PSFT35CR	35	J1035	5	90.1	163.3	130.0	M12	32.8	43.4	16.1	42.9	17.5	0.64
PSFT1.1/4CR	1.1/4	J1035	5	90.1	163.3	130.0	M12	32.8	43.4	16.1	42.9	17.5	0.64
PSFT1.7/16CR	1.7/16	J1035	5	90.1	163.3	130.0	M12	32.8	43.4	16.1	42.9	17.5	0.64



PSFT Series

Housing Group	End Cover Reference	Dimension D1	Dimension D2	Dimension L
Group 2	P20P	36	50	30
Group 3	P25P	42	55	31
Group 4	P30P	50	64	35
Group 5	P35P	60	74	38

All dimensions in mm.



END COVERS

Polypropylene end covers are available to fit all Silver-Lube housings. End covers can be used at temperatures ranging from -20°C to +90°C. They may be used as additional protection for the bearing in adverse environmental conditions as well as an aid to meeting safety requirements.

Silver-Lube housings are manufactured from Valoxa® 420, a high quality, 30% glass filled thermo-plastic polyester resin which has excellent strength, rigidity, dimensional stability and chemical resistance.

Typical Properties of Valoxa® 420

Imperial Units (SI Units)

Property	Units	ASTM Test Method	VALOX 420 PBT Resin 30% Glass Reinforced
MECHANICAL			
Tensile Strength	psi(MPa)	D638	17,300(119)
Elongation at Yield	%	D638	3
Flexural Strength	psi(MPa)	D790	27,500(189)
Flexural Modulus	psi(MPa)	D790	1,100,000(7,600)
Compressive Strength	psi(MPa)	D695	18,000(124)
Shear Strength	psi(MPa)	D732	8,900(61)
Izod Impact Strength		D256	
Notched 1/8" thick			
(3.2mm)	ft-lb/in(J/m)		1.6(85)
Unnotched 1/8" thick			
(3.2mm)	ft-lb/in(J/m)		15(800)
Gardner Impact 1/8" thick			
(3.2mm)	ft-lb(J)	Falling Dart	
Rockwell Hardness R-scale		D785	118
PHYSICAL			
Specific Gravity		D792	1.53
Specific Volume	in³/lb(cm³/kg)	D792	18.2(655)
Water Absorption 24 hours	%	D570	0.06

The reported values are typical values only - they do not directly apply to the manufactured housing but to the Valoxa® 420 resin itself.

HYGIENE

Silver-Lube housings are non-corrodable and are paint and coating free to prevent chipping and peeling. The smooth surfaces resist dirt, mould and bacterial making Silver-Lube units ideal for use in industries where cleanliness is paramount.

In tests in accordance with ASTM G21-70, Valoxa® resins have demonstrated fungicidal resistance to:

Aspergillus niger Penicillium faneculosium
Chaetomium globosum Gliocladium virens
Aureobasidium pullulans

CHEMICAL RESISTANCE

In general, Silver-Lube housings have excellent resistance to a wide variety of chemicals. In very generalised terms resistance by chemical category can be summarised as:

Chemical Category	Performance
Acids	Excellent
Bases	Good to Limited
Organic Solvents	Excellent to Fair
Ketones and Esters	Fair to Limited
Chlorinated Solvents	Excellent to Limited
Salts	Excellent
Automotive Media	Excellent to Fair

More detailed results from testing Valoxa® 420 resin in various media are listed in the adjacent table. This data describes exposure to a specific chemical under specific time, temperature and concentration situations, but not in combination with other chemical agents or environmental factors. It is therefore important that the user assess each application with regard to combined chemical exposures and environmental conditions.

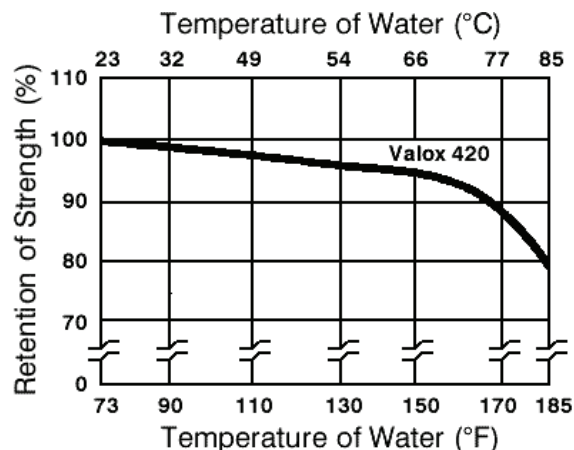
Chemical Resistance of Valoxa® 420

(All data expressed in terms of % retention of tensile strength)
xx = brittle

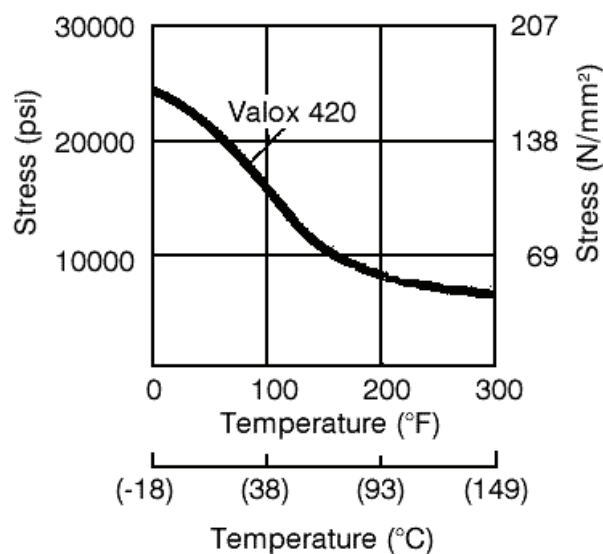
Media	Immersion Days	Temp °C	%
ACIDS			
10% Hydrochloric Acid	30	25	89
	90	(77°F)	85
10% Sulfuric Acid	30	25	97
	90		94
36% Sulfuric Acid	30	25	97
	90		97
	30	60	84
	90	(140°F)	60
10% Acetic Acid	30	25	88
	90		88
BASES			
5% Potassium Hydroxide	30	25	88
	90		10
10% Sodium Hydroxide	30	25	xx
	90		xx
10% Ammonium Hydroxide	30	25	96
	90		87
SALTS			
10% Zinc Chloride	30	25	97
	90		94
10% Calcium Chloride	30	25	98
	90		98
5% Sodium Chloride	30	25	97
	90		97
ORGANIC SOLVENTS			
Ethyl Alcohol	30	25	99
	90		96
Methyl Alcohol	30	25	91
	90		82
Isopropyl Alcohol	30	25	100
	90		100
IPA-Water(50/50)	30	25	98
	90		97
GENERAL AND AUTOMOTIVE			
Heptane	30	25	99
	90		99
Acetone	30	25	86
	90		74
Methylethylketone	30	25	90
	90		80
Ethyl Acetate	30	25	96
	90		86
Methylene Chloride	30	25	54
	90		54
Ethylene Glycol	30	25	100
	90		100
Motor Oil	30	25	100
	90		100
	30	121	96
	90	(250°F)	63

The reported values are typical values only - they do not directly apply to the manufactured housings but to the Valox 420 resin itself.

Graph 1: Strength retention after 6 months in water



Graph 2: Tensile strength versus temperature (Valox® 420 resin)



WATER AND STEAM RESISTANCE

Silver-Lube housings are suitable for use in applications where frequent washdowns occurs. After continuous immersion in water, Valox 420 resins exhibit very little loss of strength at water temperatures up to 150°F(65°C). Higher temperatures may be endured on an intermittent basis, but are not recommended for continuous use due to the associated loss of housing strength. See graph 1.

Silver-Lube housings are not recommended for prolonged immersion or extended exposure to water vapour. In applications where prolonged water vapour exposure occurs some loss of housing strength may result. For more information please contact NSK-RHP.

ULTRAVIOLET RESISTANCE

Valox 420-1001 (natural coloured) resin has been tested for resistance to ultraviolet ageing by exposure to direct sunlight in Florida and in Arizona for five years.

Valox 420-1001 retained approximately 75% of its original strength, toughness and flexibility after five years of Florida and Arizona exposure.

HEAT RESISTANCE

The operating temperature range of Silver-Lube Valox 420 resin housings is -20°C to +90°C.

Higher temperatures may be endured for short periods, for example during cleaning. However, where peak temperatures exceed +100°C for an extended period please contact NSK-RHP.

The maximum housing loads published in this catalogue are based on tests conducted at 20°C. The tensile strength of Valox 420 resin varies with temperature, see graph 2, above.

Designers and end users must ensure that housing strength is adequate at the unit operating temperature by adjusting the published housing strength at 20°C, detailed in Tables 8, 9 and 10 by using the 'Housing Temperature/Strength Factor' listed in Table 7. For example, the maximum housing load for a bearing operating at 40°C is 1.75 of the published maximum housing load at 20°C.

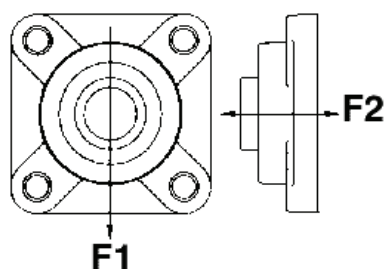
When evaluating housing strength it is important to establish the bearing operating temperature and not to consider the ambient temperature alone. Bearing operating temperature is dependent on ambient temperature and bearing load and speed. For high speed applications, bearing temperatures in excess of 60°C are common. Please consult NSK-RHP in case of difficulty.

Bearing Operating
Temperature

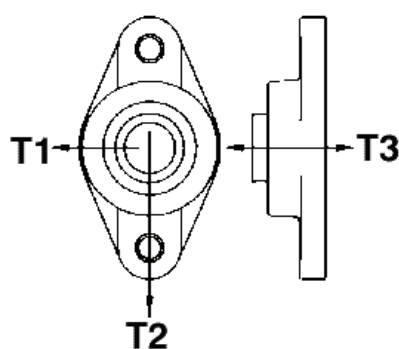
Housing
Temperature/Strength
Factor

-20°C	1.00
-10°C	1.00
0°C	1.00
10°C	1.00
20°C	1.00
30°C	0.85
40°C	0.75
50°C	0.65
60°C	0.55
70°C	0.50
80°C	0.45
90°C	0.40

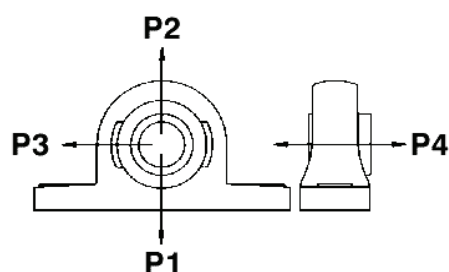
HOUSING STRENGTH



PSF Series



PSFT Series



PNP Series

Housing load carrying capacity varies depending on the application loading regime, which may be intermittent, continuous or cyclic. Maximum housing loads are given in the tables below. These loads must not be exceeded without prior consultation with NSK-RHP.

Published housing maximum load capacities do not allow for any reduction in housing strength caused by exposure of the housing to chemicals, water, steam, heat, ultraviolet light or any combination of these factors. If any of these factors are present in the application the designer or end user must establish the effect of these exposures and reduce the published maximum housing load accordingly.

To maximise load carrying capacity it is recommended that washers are used with the fixing bolts. The tables below also detail maximum fixing bolt tightening torques.

RHP Designation	Maximum Housing Load (N) at 20°C						Max Fixing Bolt Torque (Nm)
	F1			F2			
	Intermittent Loading	Continuous Loading	Cyclic Loading	Intermittent Loading	Cont. Loading	Cyclic Loading	
PSF20CR	3100	1600	900	1300	700	400	18
PSF3/4CR	3100	1600	900	1300	700	400	18
PSF25CR	3500	1700	1000	1300	700	400	25
PSF1CR	3500	1700	1000	1300	700	400	25
PSF30CR	4600	2300	1300	2200	1100	600	30
PSF1.3/16CR	4600	2300	1300	2200	1100	600	30
PSF1.1/4RCR	4600	2300	1300	2200	1100	600	30
PSF35CR	6200	3100	1700	2600	1300	700	35
PSF1.1/4CR	6200	3100	1700	2600	1300	700	35
PSF1.7/16CR	6200	3100	1700	2600	1300	700	35

RHP Designation	Maximum Housing Load (N) at 20°C									Max. Fix Bolt Torque (Nm)
	F1			F2			F3			
	Interm Load	Cont Load	Cyc Load	Interm Load	Cont Load	Cyc Load	Interm Load	Cont Load	Cyc Load	
PSFT20CR	4400	2200	1200	1900	900	500	1300	700	400	18
PSFT3/4CR	4400	2200	1200	1900	900	500	1300	700	400	18
PSFT25CR	4400	2200	1200	3000	1500	800	1400	700	400	25
PSFT1CR	4400	2200	1200	3000	1500	800	1400	700	400	25
PSFT30CR	5900	2900	1600	3300	1600	900	2000	1000	500	30
PSFT1.3/16CR	5900	2900	1600	3300	1600	900	2000	1000	500	30
PSFT1.1/4RCR	5900	2900	1600	3300	1600	900	2000	1000	500	30
PSFT35CR	6400	3200	1700	3900	2000	1100	2800	1400	800	35
PSFT1.1/4CR	6400	3200	1700	3900	2000	1100	2800	1400	800	35
PSFT1.7/16CR	6400	3200	1700	3900	2000	1100	2800	1400	800	35

RHP Designation	Maximum Housing Load (N) at 20°C												Max Fix Bolt Torque (Nm)
	P1			P2			P3			P4			
	Interm Load	Cont Load	Cyc Load	Interm Load	Cont Load	Cyc Load	Interm Load	Cont Load	Cyc Load	Interm Load	Cont Load	Cyc Load	
PNP20CR	3500	1700	800	2800	1400	800	2600	1300	700	1300	700	400	18
PNP3/4CR	3500	1700	800	2800	1400	800	2600	1300	700	1300	700	400	18
PNP25CR	4000	2000	1000	3100	1500	800	2600	1300	700	1700	900	500	25
PNP1CR	4000	2000	1000	3100	1500	800	2600	1300	700	1700	900	500	25
PNP30CR	5000	2500	1200	3500	1800	1000	4000	2000	1100	2600	1300	700	30
PNP1.3/16CR	5000	2500	1200	3500	1800	1000	4000	2000	1100	2600	1300	700	30
PNP1.1/4RCR	5000	2500	1200	3500	1800	1000	4000	2000	1100	2600	1300	700	30
PNP35CR	6000	3000	1500	4300	2100	1200	4100	2100	1100	3200	1600	900	35
PNP1.1/4CR	6000	3000	1500	4300	2100	1200	4100	2100	1100	3200	1600	900	35
PNP1.7/16CR	6000	3000	1500	4300	2100	1200	4100	2100	1100	3200	1600	900	35

BALL BRG UNITS

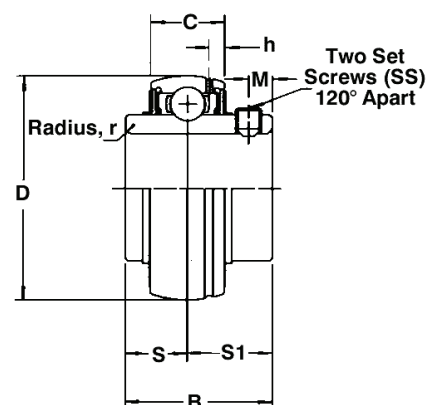
Silver Lube
Bearing Inserts

Silver-Lube bearing inserts are manufactured from QD51, a modified 440C type stainless steel, and are charged with Chevron Poly FM 2, a USDA H1 approved food grade grease.

Bearing insert operating temperature range is -20°C to +90°C.

Component Materials

Standard	Bearing Rings	Ball	Flinger	Set Screw	Cage
JIS	SUS440C	SUS440C	SUS304	SUS410	SUS304
AISI/ASTM	AISI440C	AISI440C	AISI304	AISI410	AISI304



Insert Designation, Dimensions and Weights

RHP Designation	Bore Dia.	D	C	B	S	S1	r	h	M	SS	Cr (N)	Cor (N)	Weight kg.
J1020-20GCR	20	47	16	31.0	12.7	18.3	1.5	4.0	5.0	M6	9910	5350	0.16
J1020-3/4GCR	3/4	47	16	31.0	12.7	18.3	1.5	4.0	5.0	M6	9910	5350	0.16
J1025-25GCR	25	52	17	34.0	14.3	19.7	1.5	3.5	5.5	M6	10820	6300	0.20
J1025-1GCR	1	52	17	34.0	14.3	19.7	1.0	3.5	5.5	M6	10820	6300	0.20
J1030-30GCR	30	62	19	38.1	15.9	22.2	1.5	4.5	6.0	M6	15000	9050	0.32
J1030-1.3/16GCR	1.3/16	62	19	38.1	15.9	22.2	1.0	4.5	6.0	M6	15000	9050	0.32
J1030-1.1/4GCR	1.1/4	62	19	38.1	15.9	22.2	1.0	4.5	6.0	M6	15000	9050	0.32
J1035-35GCR	35	72	20	42.9	17.5	25.4	2.0	4.5	6.5	M8	19820	12300	0.48
J1035-1.1/4GCR	1.1/4	72	20	42.9	17.5	25.4	2.0	4.5	6.5	M8	19820	12300	0.48
J1035-1.7/16GCR	1.7/16	72	20	42.9	17.5	25.4	1.5	4.5	6.5	M8	19820	12300	0.48

Cr = basic dynamic load rating. Contact NSK-RHP for guidance on life estimation. Cor = basic static load rating.

All dimensions in mm except inch bores.

Shaft Tolerances and Permissible Speeds

Basic Bearing Insert	Bearing Limiting Speed (RPM)	ISO h7 Shaft Tolerance (0.001 mm Units)		Bearing Limiting Speed (RPM)	ISO h9 Shaft Tolerance (0.001 mm Units)	
		High	Low		High	Low
J1020	2900	0	-21	1490	0	-52
J1025	2600	0	-21	1300	0	-52
J1030	2180	0	-21	1090	0	-52
J1035	1870	0	-25	940	0	-62

Bearing insert permissible speed is dependent on shaft tolerance.

For higher speed applications an ISO h7 shaft tolerance is recommended. An ISO h9 shaft tolerance may be used for low speed applications.

Set Screw Tightening Torques

RHP Designation	Set Screw	Max Tightening Torque (Nm)
J1020-20GCR	M6 x 6.5 LONG	4
J1020-3/4GCR	M6 x 6.5 LONG	4
J1025-25GCR	M6 x 6.5 LONG	4
J1025-1GCR	M6 x 6.5 LONG	4
J1030-30GCR	M6 x 6.5 LONG	4
J1030-1.3/16GCR	M6 x 6.5 LONG	4
J1030-1.1/4GCR	M6 x 6.5 LONG	4
J1035-35GCR	M8 x 9.0 LONG	8
J1035-1.1/4GCR	M8 x 9.0 LONG	8
J1035-1.7/16GCR	M8 x 9.0 LONG	8

Set screws for Silver-Lube bearing inserts are manufactured from stainless steel and can fracture if overtightened. The limiting set screw torques listed below should not be exceeded.

Bore Tolerance

Silver-Lube inner ring bore tolerances are on the plus side of the nominal bore. This enables the bearing to slip freely over standard shafting.

Nominal Bore Diameter d (mm)		Bore Tolerance (0.001 mm Units)	
Over	Including	Max	Min
10	18	+18	0
18	30	+21	0
30	50	+25	0

