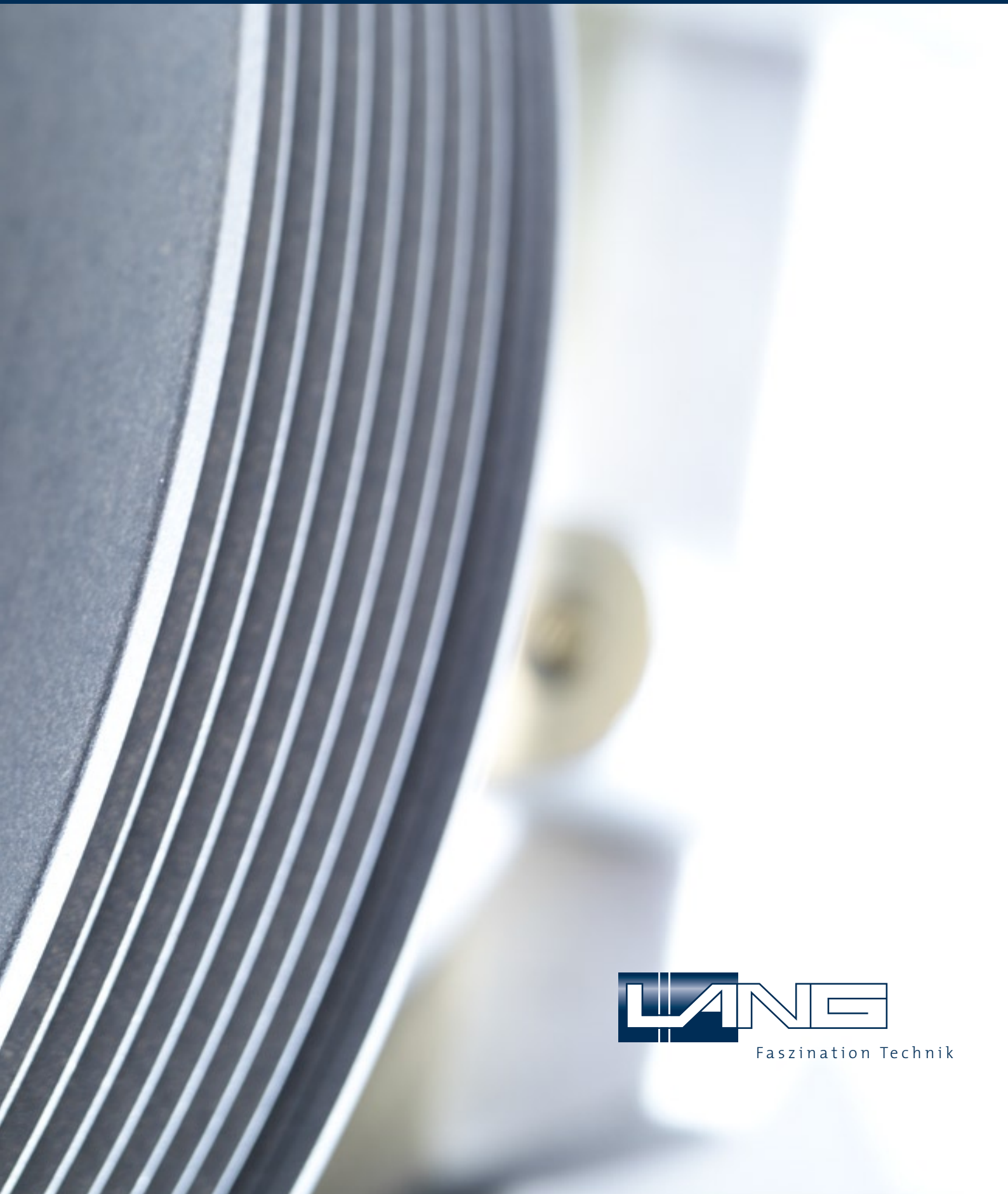
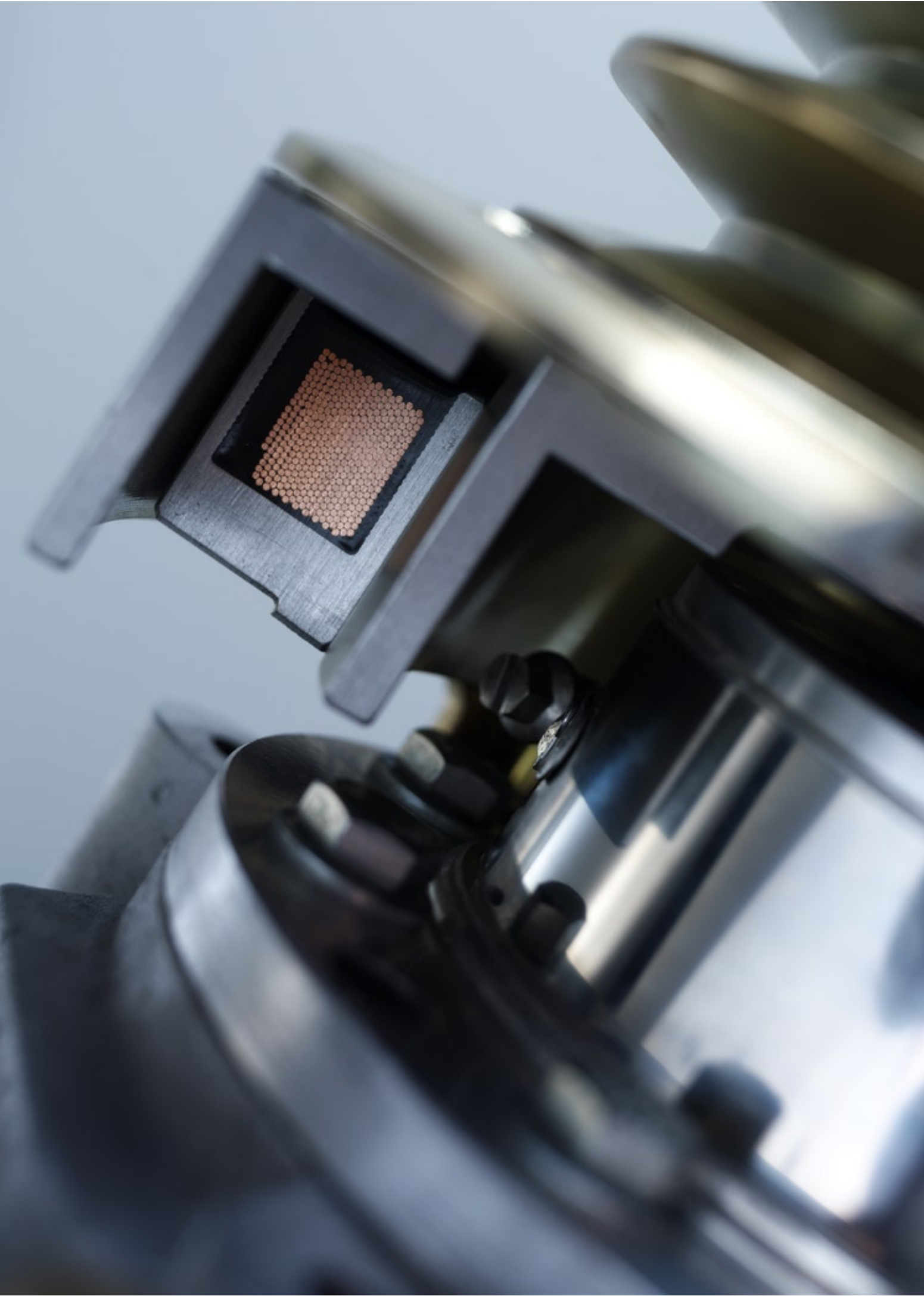


>>> **Electromagnetic compressor clutches** Product overview 2009



Faszination Technik



>>> Electromagnetic compressor clutches Product overview 2009

Our magnetic clutches offer a wide spectrum for driving various units. They have a wide range of uses: in the commercial vehicle sector, municipal vehicles, refrigerated transport and a range of individually adapted special applications. Through specific adaptation, virtually any drive application is possible. Flexibility, reliability and service are our strengths.

Compressor manufacturer	Compressor type	Clutch series	Page
Bitzer	4 UFCY ... 4 NFCY, 6 UFCY ... 6 TFCY	KK 73.1...	4 - 19
		KK 73.2...	20 - 23
		KK 44...	28 - 31
	6 PFCY ... 6 NFCY	KK 73.4 ...	24 - 25
		KK 73.5 ...	26 - 27
	F400 F600	KK 45 ... KK 46 ...	32 - 35 36 - 39
Bock	FK (X) 1, FK (X) 2, FK (X) 20 FK (X) 3 FK (X) 30 FK (X) 4	KK 66.1...	40 - 41
		KK 67.1...S	42 - 43
		KK 67.2 ... S	44 - 45
	FK (X) 4, FK (X) 26, FK (X) 40, FK (X) 50 (same clutch type as Bitzer 4UFCY etc.)	KK 32 ...	46 - 47
		KK 73.1 ...	4 - 19
		KK 73.2 ... KK 44 ...	20 - 23 28 - 31
Carrier	O5G	KK 32...C	48 - 49
		KK 47...	50 - 53
Dorin	4T (same clutch type as Bitzer 4UFCY etc.)	KK 73.1...	4 - 19
		KK 73.2...	20 - 23
	KV 35, KV 44, KV 54	KK 32...D	54 - 55
	V 35, V 44	KK 34 ...	56 - 57
	V 54	KK 34 ...S	58 - 59
Thermo King	X 426, X 430	KK 48...	60 - 61

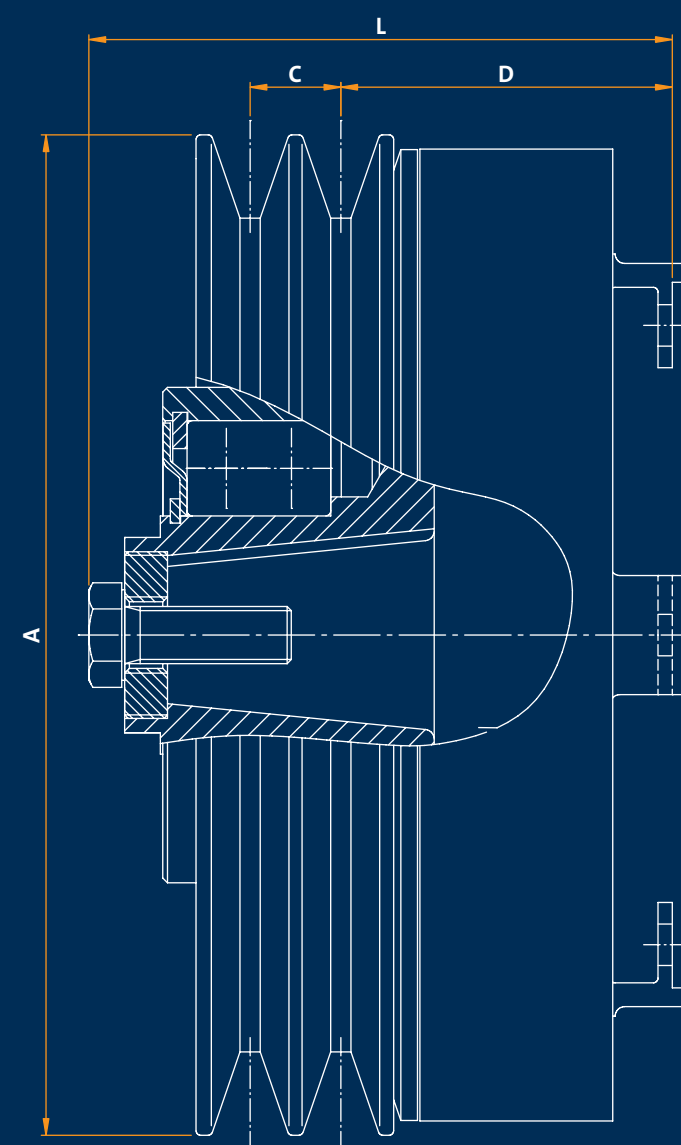
>>> Clutch series KK 73.1 ...

Clutch series
for Compressors

KK 73.1 ...
Bitzer 4 UFCY ... 4 NFCY, 6 UFCY ... 6 TFCY
Bock FK(X)4, FK(X)26, FK(X)40, FK(X)50
Dorin 4T

Clutches with single level Pulleys

Torque (stat.)	450 Nm
Coil	
Security Class	IP 64
Voltage	12 / 24 V
Current	5,2 / 2,6 A
Power	62 W

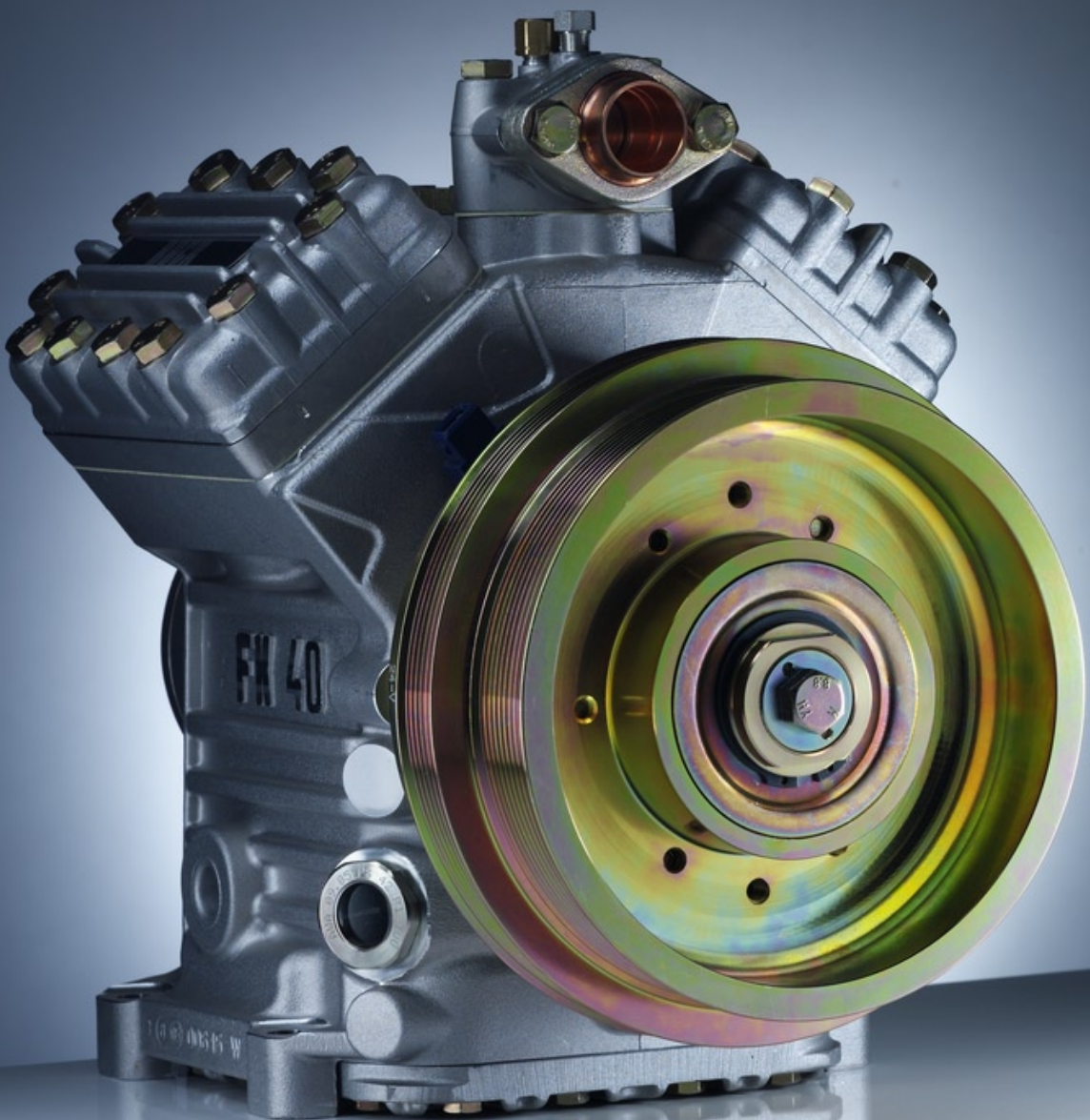


Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK73.1.192	330 (326)	3×SPZ	12	72	122.5	17.0
KK73.1.113	162.8 (160)	4×AV13	16	70	126.8	12.5
KK73.1.82	171 (168.2)	4×AV13	16	70	126.8	13.3
KK73.1.38	175 (169)	2×SPA	15	70	122.5	12.1
KK73.1.37	175 (169)	3×SPA	15	70	122.5	13.0
KK73.1.105	180 (177)	2×AV13	16	82.9	122.5	11.3
KK73.1.53	180 (177)	2×AV13	16	82.5	122.5	11.5
KK73.1.96	190 (184)	2×SPA	15	69	122.5	10.6
KK73.1.153	192.8 (190)	2×AV13	16	68	122.5	10.8
KK73.1.2	205 (199)	2×SPA	15	67	122.5	10.8
KK73.1.63	205 (199)	3×SPA	15	70	122.5	12.1
KK73.1.83	210 (204)	2×SPA	15	70	122.5	11.2
KK73.1.72	210 (204)	3×SPA	15	70	122.5	12.3
KK73.1.20	222 (206)	2×SPA	15	66	122.5	12.4
KK73.1.187	266 (260)	3×SPA	15	70	122.5	14.4
KK73.1.125	225.6 (220)	4×SPA	15	67	122.5	14.0
KK73.1.150	140 (133)	2×SPB	19.05	82	122.5	12.5
KK73.1.28	140 (133)	2×SPB	19.05	88	122.5	11.0
KK73.1.30	140 (133)	3×SPB	19.05	88	135	11.8
KK73.1.81	154 (147)	3×SPB	19.05	78	126.8	12.1
KK73.1.23	160 (153)	2×SPB	19.05	77.5	122.5	11.3
KK73.1.47	160 (153)	2×SPB	19.05	71.3	122.5	11.3
KK73.1.119	160 (153)	3×SPB	19.05	71.5	122.5	12.2

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK73.1.29	160 (153)	3×SPB	19.05	77.5	126.3	12.4
KK73.1.61	166.5 (159.5)	2×SPB	19.05	73	122.5	11.7
KK73.1.179	170 (164)	2×SPB	19.05	73	122.5	12.7
KK73.1.27	170 (164)	3×SPB	19.05	73	122.5	12.7
KK73.1.32	171 (164)	2×SPB	19.05	72.8	122.5	12.1
KK73.1.42	171 (164)	2×SPB	19.05	73	122.5	12.0
KK73.1.24	171 (164)	3×SPB	20.00	72.5	123.8	13.0
KK73.1.88	175 (164)	2×SPB	20	73.5	122.5	12.5
KK73.1.36	180 (173)	2×SPB	19.05	71.5	122.5	11.8
KK73.1.58	180 (173)	2×SPB	19.05	74	122.5	12.6
KK73.1.39	180 (173)	3×SPB	19.05	73	122.5	13.6
KK73.1.94	190 (183)	2×SPB	19.05	72.6	122.5	11.2
KK73.1.34	200 (193)	2×SPB	19.05	71.5	122.5	11.6
KK73.1.112	200 (193)	3×SPB	19.05	72	122.5	13.6
KK73.1.19	205 (198)	2×SPB	19.05	72.5	122.5	12.2
KK73.1.33	205 (198)	2×SPB	19.05	70	122.5	11.7
KK73.1.41	205 (198)	3×SPB	20	72.5	122.5	13.5
KK73.1.200	210 (203)	2×SPB	20	68.9	122.5	11.2
KK73.1.50	210 (203)	2×SPB	19.05	69.2	122.5	11.6
KK73.1.74	210 (203)	2×SPB	19.05	89	122.5	12.4
KK73.1.97	210 (203)	2×SPB	19.05	105	135	13.7
KK73.1.115	210 (203)	4×SPB	19.05	70	138.2	15.8
KK73.1.22	220 (213)	2×SPB	19.05	68	122.5	12.2

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK73.1.49	220 (213)	2xSPB	19.05	71.6	122.5	11.8
KK73.1.60	220 (213)	2xSPB	19.05	69.9	122.5	12.5
KK73.1.110	220 (213)	3xSPB	19.05	70	122.5	13.5
KK73.1.69	225 (218)	4xSPB	19.05	69.5	138.7	15.2
KK73.1.89	230 (223)	2xSPB	19.05	69.6	122.5	12.3
KK73.1.95	240 (233)	2xSPB	19.05	69.9	122.5	12.7
KK73.1.45	250 (243)	2xSPB	19.05	72.5	122.5	13.3
KK73.1.164	254 (247)	2xSPB	19.05	74	122.5	13.2
KK73.1.98	267 (260)	3xSPB	19.05	71.5	122.5	15.4
KK73.1.182	170 (160)	2xSPB	25.5	80	122.5	12.4
KK73.1.160	215 (205)	1xSPC		80	122.5	11.8
KK73.1.181	153 (147)	10xPoly-V-K	3.56	67.7	122.5	11.0
KK73.1.189	153 (147)	14xPoly-V-K	3.56	67.7	122.5	11.3
KK73.1.158	156 (154)	10xPoly-V-K	3.56	67.7	122.5	11.6
KK73.1.86	157 (147)	9xPoly-V-K	3.56	68.9	122.5	11.5
KK73.1.54	164 (160)	7xPoly-V-K	3.56	91.3	122.5	11.8
KK73.1.57	164 (160)	7xPoly-V-K	3.56	85.3	122.5	11.2
KK73.1.111	176 (173)	10xPoly-V-K	3.56	67.7	122.5	10.6
KK73.1.188	176 (173)	10xPoly-V-K	3.56	69.2	122.5	10.6
KK73.1.204	180 (177)	10xPoly-V-K	3.56	65.5	122.5	10.7
KK73.1.56	184 (180)	11xPoly-V-K	3.56	77	122.5	11.6
KK73.1.48	191.2 (188.2)	9xPoly-V-K	3.56	68.8	122.5	11.0
KK73.1.169	193 (191)	10xPoly-V-K	3.56	70	122.5	12.3

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK73.1.62	194 (185)	9xPoly-V-K	3.56	68.3	122.5	11.3
KK73.1.35	195 (190)	7xPoly-V-K	3.56	90.3	122.5	11.6
KK73.1.102	208 (204)	9xPoly-V-K	3.56	70	122.5	11.4
KK73.1.175	214 (210)	10xPoly-V-K	3.56	65	122.5	11.3
KK73.1.180	222 (220)	8xPoly-V-K	3.56	65	122.5	11.4
KK73.1.55	229 (225)	10xPoly-V-K	3.56	77	122.5	12.6



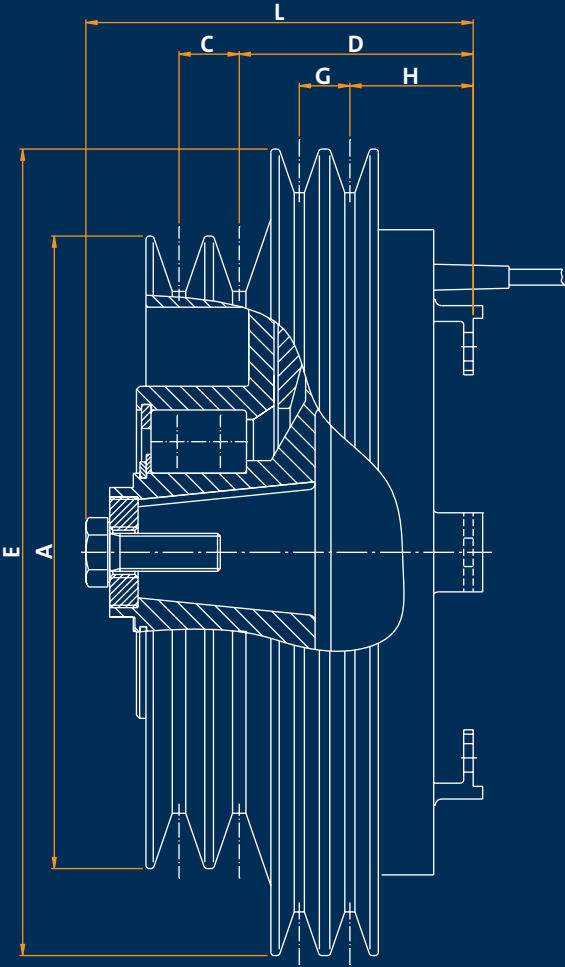
>>> Clutch series KK 73.1 ...

Clutch series
for Compressors

KK 73.1 ...
Bitzer 4 UFCY ... 4 NFCY, 6 UFCY ... 6 TFCY
Bock FK(X)4, FK(X)26, FK(X)40, FK(X)50
Dorin 4T

Clutches with multi level Pulleys

Torque (stat.)	450 Nm
Coil	
Security Class	IP 64
Voltage	12 / 24 V
Current	5,2 / 2,6 A
Power	62 W



Clutch-Type	øA – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	øE – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK73.1.107	139 (132)	2 x SPB	19.05	103.5	181.6 (176)	2 x SPA	16	68.5	136.8	13.5
KK73.1.198	140 (133)	2 x SPB	19.05	83	240 (234)	2 x SPA	15	50	122.5	13.2
KK73.1.146	150 (143)	2 x SPB	19.05	80	245.8 (245)	6 x Poly-V-K	3.56	35	122.5	13.6
KK73.1.152	150 (143)	2 x SPB	19.05	80	245.8 (245)	12 x Poly-V-K	3.56	20.8	122.5	13.8
KK73.1.103	152 (145)	2 x SPB	19.05	103.5	180.6 (175)	2 x SPA	16	68.5	133.5	13.6
KK73.1.109	154 (147)	2 x SPB	19.05	86	212.8 (210)	1 x AV13		68	122.5	13.1
KK73.1.101	160 (153)	2 x SPB	19.05	86.5	260 (254.4)	2 x SPA	16	25.5	122.5	15.6
KK73.1.133	163 (156)	2 x SPB	19.05	96	258 (252)	1 x SPA		69.5	126.2	16.4
KK73.1.43	165 (158)	2 x SPB	19.05	76.5	275 (269)	1 x SPA		50	122.5	14.3
KK73.1.191	166.5 (159.5)	2 x SPB	19.05	73.5	265 (259)	2 x SPA	16	34	122.5	12.5
KK73.1.100	167 (160)	2 x SPB	19.05	87	280 (275.4)	2 x AV13	16	34.5	122.5	16.3
KK73.1.120	167 (160)	2 x SPB	19.05	77	268 (265.2)	2 x AV13	16	35.5	122.5	15.4
KK73.1.78	170 (163)	2 x SPB	19.05	98	230 (224)	2 x SPA	15	65	127	14.8
KK73.1.167	175 (169)	2 x SPA	15	83	258 (252)	1 x SPA		65	132.8	15.2
KK73.1.59	176 (169)	2 x SPB	19.05	96	249 (242)	1 x SPB		74	127.5	17.5
KK73.1.79	176 (169)	2 x SPB	19.05	93	248 (242)	1 x SPA		71	123.8	16.0
KK73.1.25	180 (173)	2 x SPB	19.05	72	180 (174)	2 x SPA	15	109	132.8	14.2
KK73.1.26	180 (173)	2 x SPB	19.05	77	280 (274)	2 x SPA	15	35.5	122.5	16.2
KK73.1.155	180 (173)	2 x SPB	19.05	111	180 (173)	10 x Poly-V-K	3.56	67	122.5	13.1
KK73.1.161	180 (173)	2 x SPB	19.05	77	280 (277)	2 x AV13	16	34.5	122.5	16.2
KK73.1.196	180 (173)	2 x SPB	19.05	77	280 (277)	2 x SPA	16	35.5	122.5	14.6
KK73.1.21	185 (178)	2 x SPB	19.05	77	260 (254)	2 x SPA	15	43	122.5	14.5
KK73.1.122	185 (178)	2 x SPB	19.05	77.3	246 (240)	2 x SPA	15	35.8	122.5	15.2

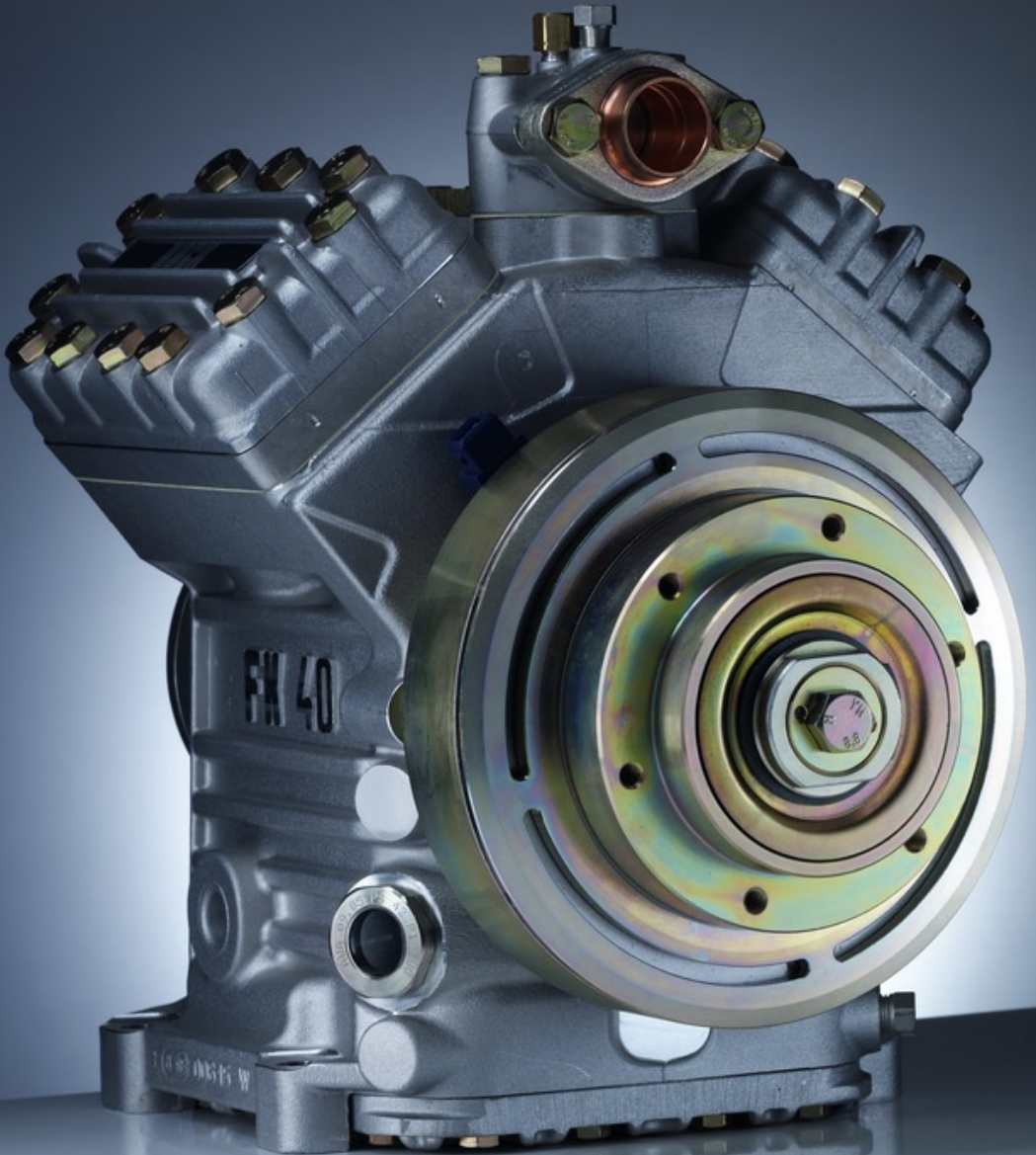
Clutch-Type	øA: Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	øE – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK73.1.44	190 (183)	2 x SPB	19.05	73	190 (184)	1 x SPA		114.5	122.5	14.7
KK73.1.46	193 (186)	2 x SPB	19.05	73.5	277 (271)	2 x SPA	16	34.5	122.5	14.7
KK73.1.156	195 (188)	2 x SPB	19.05	103	200 (194)	2 x SPA	15	70	132.8	15.2
KK73.1.104	197 (190)	2 x SPB	19.05	73.5	273.2 (270.4)	2 x AV13	16	34.5	122.5	15.0
KK73.1.145	197 (190)	2 x SPB	19.05	74	276 (270)	2 x SPA	15	37	122.5	15.1
KK73.1.52	200 (193)	2 x SPB	19.05	71	260 (254)	2 x SPA	15	37	122.5	14.0
KK73.1.66	200 (193)	2 x SPB	19.05	74	255 (249)	2 x SPA	16	39	122.5	14.5
KK73.1.76	200 (193)	2 x SPB	19.05	72	272 (275.2)	8 x Poly-V-K	3.56	32	122.5	13.4
KK73.1.151	200 (193)	2 x SPB	19.05	103	224 (218)	2 x SPA	15	69	133	16.4
KK73.1.65	203 (196)	2 x SPB	19.05	96	258 (252)	1 x SPA		69.5	126.2	15.9
KK73.1.31	205 (198)	2 x SPB	20	76.5	265 (259)	2 x SPA	15	35	122.5	14.9
KK73.1.64	210 (203)	2 x SPB	19.05	96	250 (244)	1 x SPA		74	129	15.5
KK73.1.67	210 (203)	2 x SPB	19.05	73.5	250 (244)	1 x SPA		50.5	122.5	13.3
KK73.1.77	210 (203)	2 x SPB	19.05	73.5	270 (264)	1 x SPA		50.5	122.5	13.9
KK73.1.84	210 (203)	2 x SPB	19.05	95.8	217 (215)	5 x Poly-V-K	3.65	64	125	14.2
KK73.1.90	210 (203)	2 x SPB	19.05	83	250 (244)	2 x SPA	15	50	122.5	14.5
KK73.1.99	210 (203)	2 x SPB	19.05	100	220 (214)	2 x SPA	15	66	130	15.3
KK73.1.116	210 (203)	2 x SPB	19.05	77	280 (274.4)	2 x SPA	15	35.5	122.5	15.5
KK73.1.135	210 (203)	2 x SPB	19.05	77	260 (254)	2 x SPA	15	43	122.5	15.2
KK73.1.201	210 (203)	2 x SPB	20.00	74	260 (254)	2 x SPA	15.8	38.2	122.5	14.8
KK73.1.202	210 (203)	2 x SPB	20.00	103.9	235 (229)	2 x SPA	16	67.9	134.5	17.2
KK73.1.73	215 (208)	2 x SPB	19.05	89	260 (254)	1 x SPA		70	122.5	15.3
KK73.1.91	215 (208)	2 x SPB	19.05	89	215 (209)	1 x SPA		70	122.5	12.5

Clutch-Type	øA: Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	øE – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK73.1.168	215.25 (222.25)	2 x SPB	19.05	77	266.7 (261.1)	2 x SPA	15	44	122.5	14.9
KK73.1.80	220 (213)	2 x SPB	19.05	80	300 (294)	2 x SPA	15	45	122.5	16.5
KK73.1.163	220 (213)	2 x SPB	19.05	103	220 (214)	2 x SPA	15	70	132.8	15.0
KK73.1.203	220 (213)	2 x SPB	20.00	76.8	260 (254)	2 x SPA	15.8	39	122.5	15.2
KK73.1.68	225 (218)	2 x SPB	19.05	71.5	225 (219)	2 x SPA	15	108	131.5	15.0
KK73.1.51	230 (223)	2 x SPB	19.05	69	230 (224)	2 x SPA	15	110.5	135.2	16.0
KK73.1.40	235 (228)	2 x SPB	20	77.5	275 (269)	1 x SPA		50	122.5	14.9
KK73.1.142	236 (229)	2 x SPB	19.05	93.5	236 (230)	1 x SPA		71.5	122.5	15.3
KK73.1.172	240 (233)	2 x SPB	19.05	76	268 (262)	2 x SPA	15	42	122.5	15.6
KK73.1.71	240 (233)	2 x SPB	19.05	87.5	260 (254)	1 x SPA		69.5	122.5	15.2
KK73.1.75	240 (233)	2 x SPB	19.05	66	240 (234)	2 x SPA	15	28.5	122.5	15.5
KK73.1.92	240 (233)	2 x SPB	19.05	73.5	270 (264)	1 x SPA		50.5	122.5	14.3
KK73.1.183	200	2 x AVX 20	25.5	80.3	260 (254)	2 x SPA	15	35	122.5	17.4
KK73.1.128	149 (147)	9 x Poly-V-K	3.56	82	232 (230)	6 x Poly-V-K	3.56	53.3	122.5	13.8
KK73.1.106	150 (153.2)	9 x Poly-V-K	3.56	96	180.6 (175)	2 x SPA	16	68.5	128	13.5
KK73.1.157	152 (150)	10 x Poly-V-K	3.56	98	181.6 (176)	2 x SPA	16	70	134.8	14.8
KK73.1.148	152 (150)	8 x Poly-V-K	3.56	74	260 (254)	2 x SPA	15	36	122.5	15.1
KK73.1.85	157 (147)	9 x Poly-V-K	3.56	82	212.8 (210)	1 x AV 13		67	122.5	12.9
KK73.1.171	158 (156)	10 x Poly-V-K	3.56	62.4	181.6 (176)	2 x SPA	16	108.9	124.6	13.3
KK73.1.186	167.6 (165.6)	12 x Poly-V-K	3.65	67.9	249.4 (247.4)	6 x Poly-V-K	3.56	39.9	122.5	12.5
KK73.1.93	183 (183.2)	8 x Poly-V-K	3.56	95	220 (214)	2 x SPA	15	68	124.6	13.9
KK73.1.154	195 (193)	10 x Poly-V-K	3.56	66.7	249.4 (247.4)	6 x Poly-V-K	3.56	38.2	122.5	13.1
KK73.1.170	195 (193)	10 x Poly-V-K	3.56	68.4	249.4 (247.4)	6 x Poly-V-K	3.56	39.9	122.5	13.1



>>> Clutch series KK 73.1 ...

Clutch-Type	øA: Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	øE – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK73.1.129	207 (205)	9 x Poly-V-K	3.56	82	232 (230)	6 x Poly-V-K	3.56	53.3	122.5	13.7
KK73.1.144	207.1 (205.1)	9 x Poly-V-K	3.56	83.6	197 (191)	1 x SPA		69.5	122.5	11.8
KK73.1.197	210.2 (208.2)	10 x Poly-V-K	3.56	66.8	245.2 (243.2)	6 x Poly-V-K	3.56	23.3	122.5	13.7
KK73.1.87	212.8 (205)	9 x Poly-V-K	3.56	82	212.8 (210)	1 x AV13		67	122.5	12.6
KK73.1.199	233.2 (231.2)	9 x Poly-V-K	3.56	82.5	233.2 (229.2)	6 x Poly-V-K	3.56	55	122.5	13.9
KK73.1.108	233.5 (231.5)	9 x Poly-V-K	3.56	82	212.8 (210)	1 x AV13		67	122.5	12.6

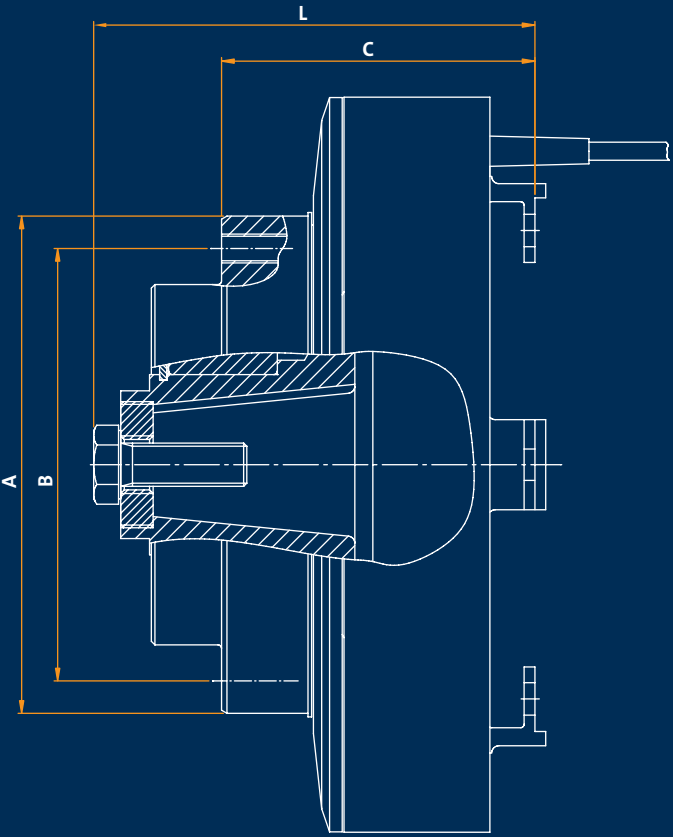


>>> Clutch series KK 73.2 ...

Clutch series for Compressors KK 73.2 ...
Bitzer 4 UFCY ... 4 NFCY, 6 UFCY ... 6 TFCY
Bock FK(X)4, FK(X)26, FK(X)40, FK(X)50
Dorin 4T

Clutches with Adaptor for Customer mounted Pulleys

Torque (stat.)	450 Nm
Coil	
Security Class	IP 64
Voltage	12 / 24 V
Current	5,2 / 2,6 A
Power	62 W



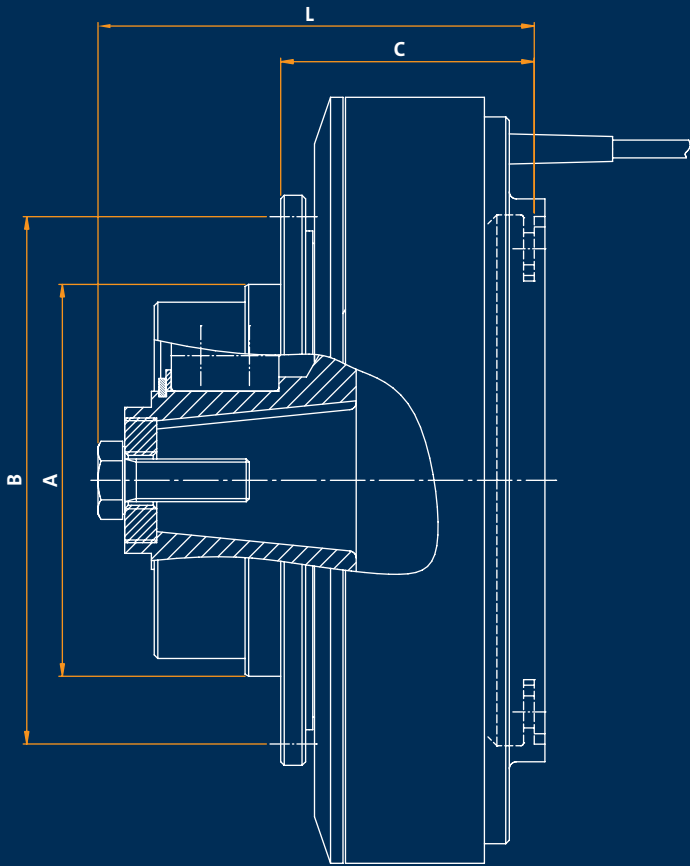
Clutch type	øA – Attachment (mm)	B – Circuit (mm)	B Thread	C (mm)	L (mm)	Weight (kg)
KK73.2.B	110 f7	148	3 x M8	71	122.5	9.5
KK73.2	138 f7	120	6 x M8	87	122.5	9.9

>>> Clutch series KK 73.4 ...

Clutch series KK 73.4 ...
for Compressors Bitzer 6 PFCY ... 6 NFCY

Clutches with Adaptor for Customer mounted Pulleys

Torque (stat.)	800 Nm
Coil	
Security Class	IP64
Voltage	12/24 V
Current	6,6/3,4 A
Power	80 W



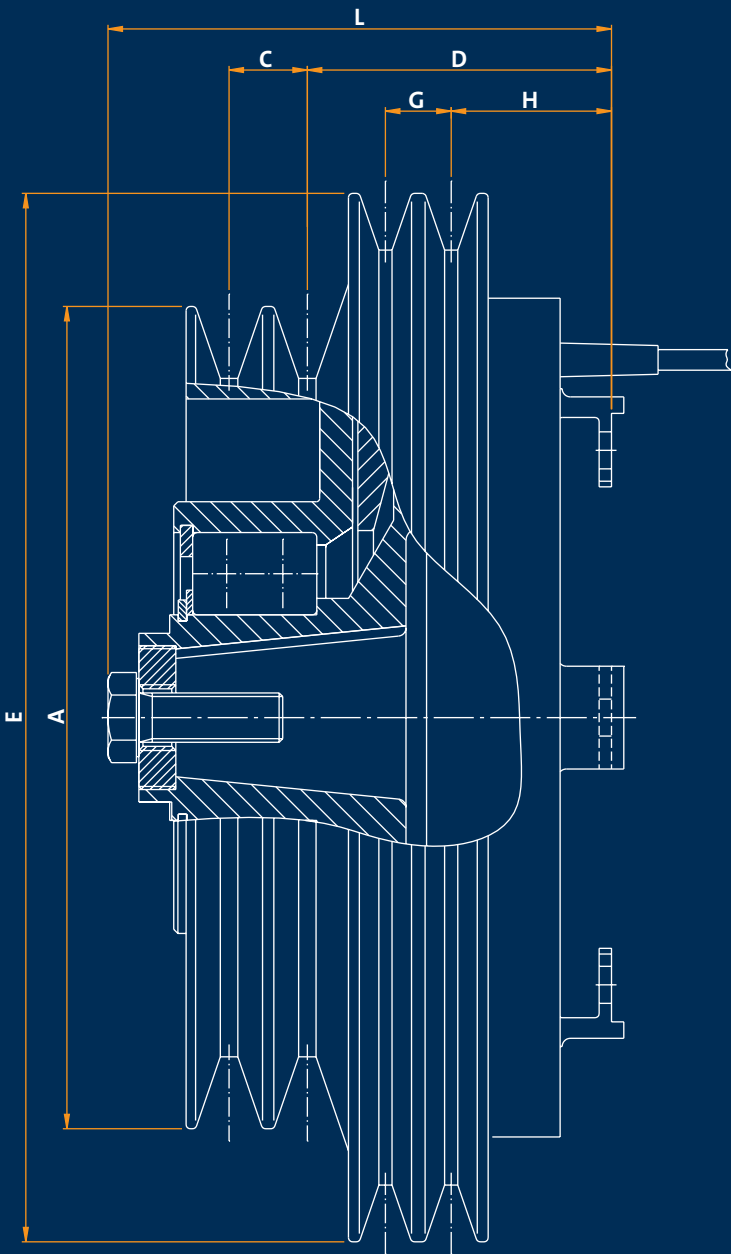
Clutch type	øA – Attachment (mm)	B – Circuit (mm)	B – Thread	C (mm)	L (mm)	Weight (kg)
KK73.4.B	110 f7	148	3xM8	71	122,5	11.7
KK73.4	138 f7	120	6xM8	87	122,5	12.1

>>> Clutch series KK 73.5 ...

Clutch series KK 73.5 ...
for Compressors Bitzer 6 PFCY ... 6 NFCY

Clutches with single level Pulleys
Clutches with multi level Pulleys

Torque (stat.)	800 Nm
Coil	
Security Class	IP64
Voltage	12/24 V
Current	6,6/3,4 A
Power	80 W

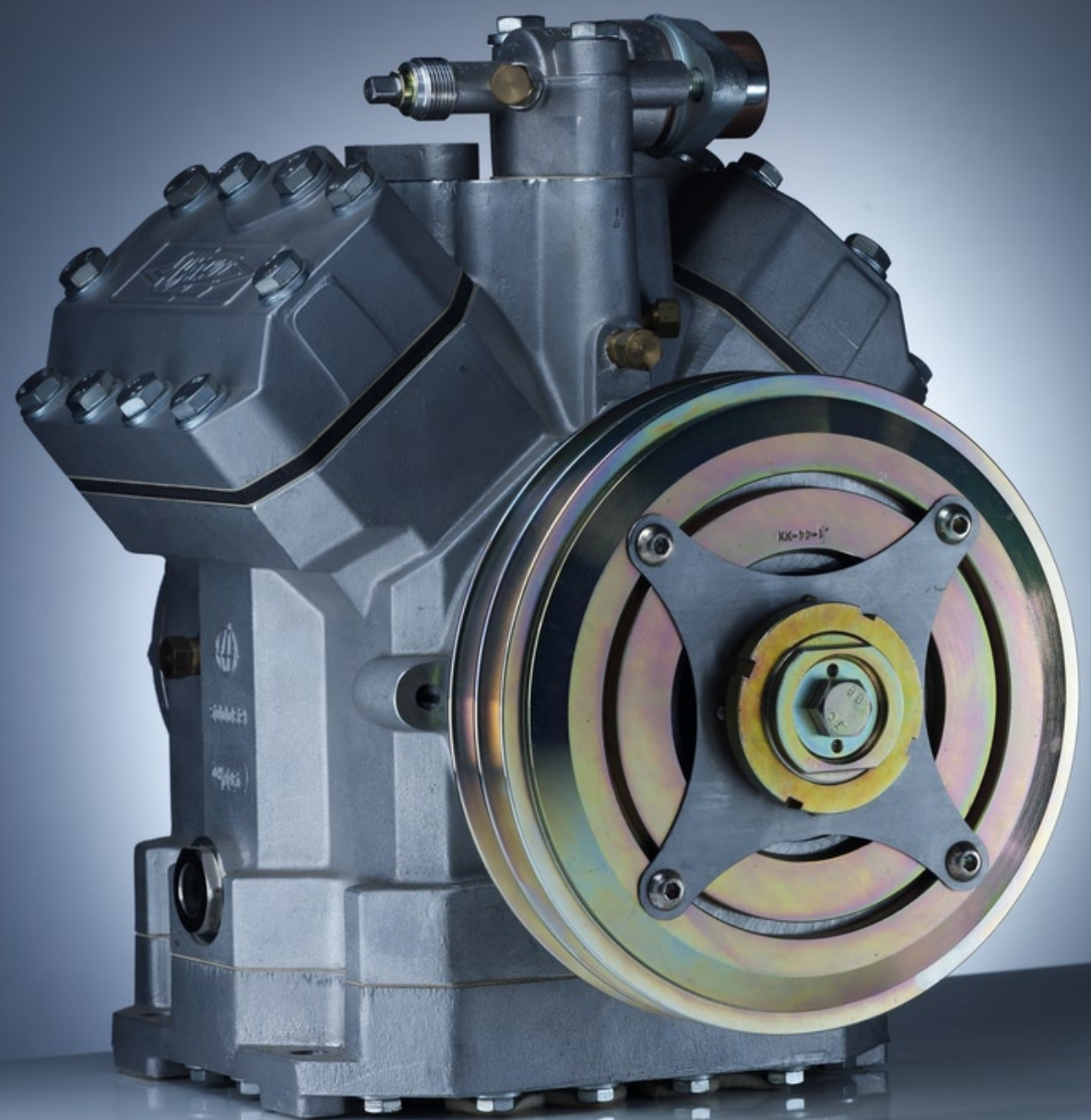


Clutches with single level Pulleys:

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK73.5.3	204 (200)	12 x Poly-V	3.56	77	123.8	15.1
KK73.5.165	220 (213)	2 x SPB	19.05	73	122.5	14.4

Clutches with multi level Pulleys:

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)		
KK73.5.1	197 (190)	2 x SPB	19.05	100	...	
KK73.5.2	229 (222)	2 x SPB	19.05	78	...	
	ø E – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK73.5.1	229 (223.4)	2 x SPA	15	68	129	17.4
KK73.5.2	280 (274.4)	2 x SPA	15	46	122.5	18.3



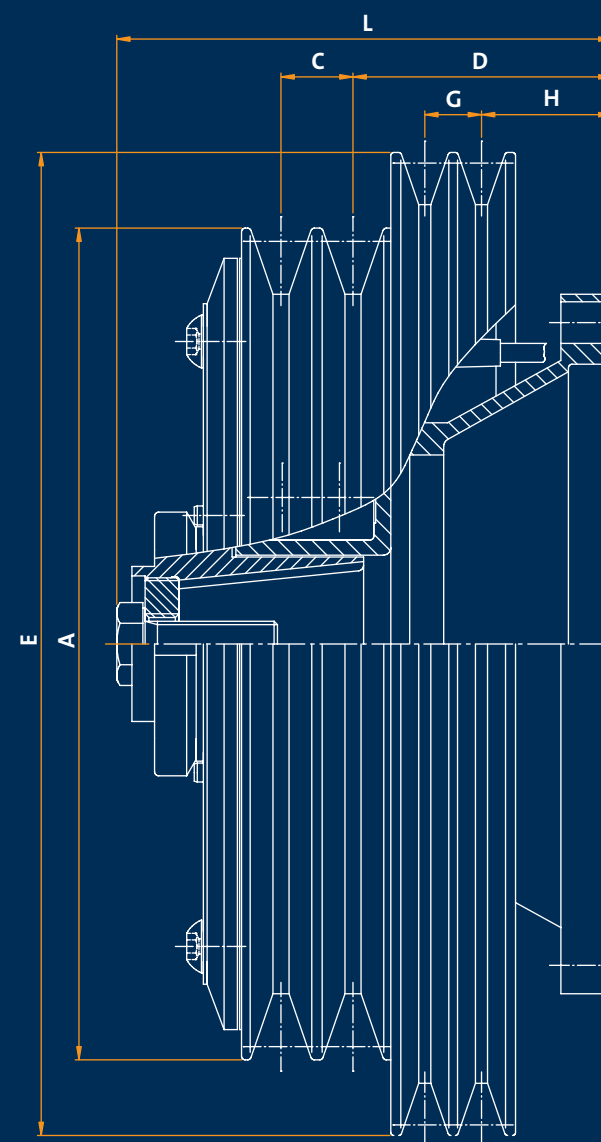
>>> Clutch series KK 44 ...

Clutch series
for Compressors

KK 44 ...
Bitzer 4UFCY ... 4NFCY
Bock FK(X)4, FK(X)26, FK(X)40, FK(X)50

Housing mounted clutches with single level Pulleys
Housing mounted clutches with multi level Pulleys

Torque (stat.)	400 Nm
Coil	
Security Class	IP 64
Voltage	12 / 24 V
Current	5,0 / 2,5 A
Power	60 W





>>> Clutch series KK 44 ...

Clutch-Type	øA: Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	øE – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK44.2.085.B	149 (147)	9 x Poly-V-K	3.56	115	216 (210)	1 x AV13		100	149	13.7
KK44.2.086.B	149 (147)	9 x Poly-V-K	3.56	107					141	12.3
KK44.2.128.B	149 (147)	9 x Poly-V-K	3.56	122	232 (230)	9 x Poly-V-K	3.56	93	156	14.6
KK44.1.129.B	207 (205)	9 x Poly-V-K	3.56	50	232 (230)	9 x Poly-V-K	3.56	21	119	12.3
KK44.1.1	220 (213)	2 x SPB	19.05	68.5					119	12.2
KK44.1.2	220 (213)	2 x SPB	19.05	68.5	260 (254)	2 x SPA	15	34.5	119	14.8

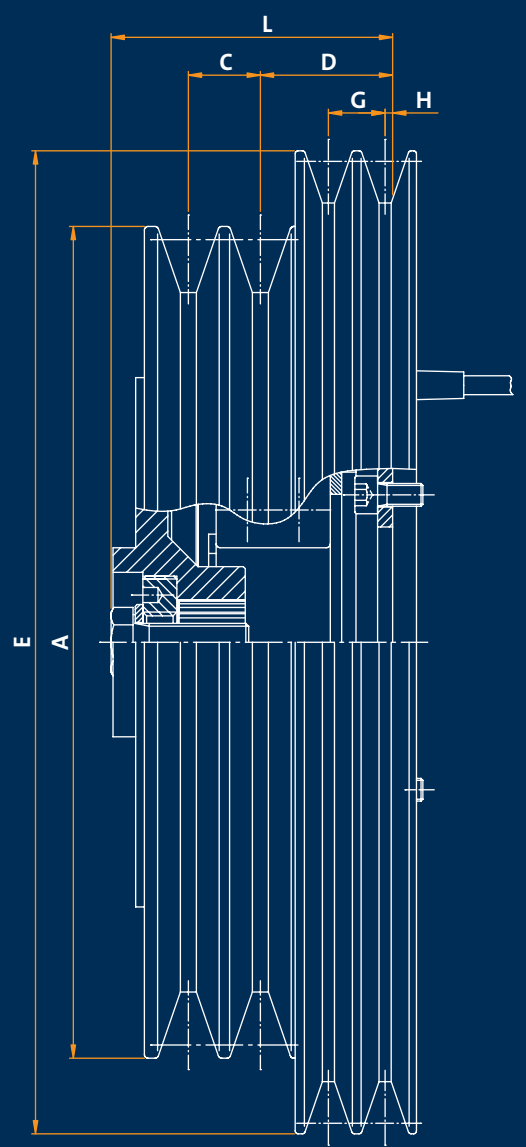


>>> Clutch series KK 45 ...

Clutch series for Compressors	KK 45 ... Bitzer F400
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Clutches with single level Pulleys
Clutches with multi level Pulleys

Torque (stat.)	300 Nm
Coil	
Security Class	IP 64
Voltage	12 / 24 V
Current	5,0 / 2,5 A
Power	60 W





>>> Clutch series KK 45 ...

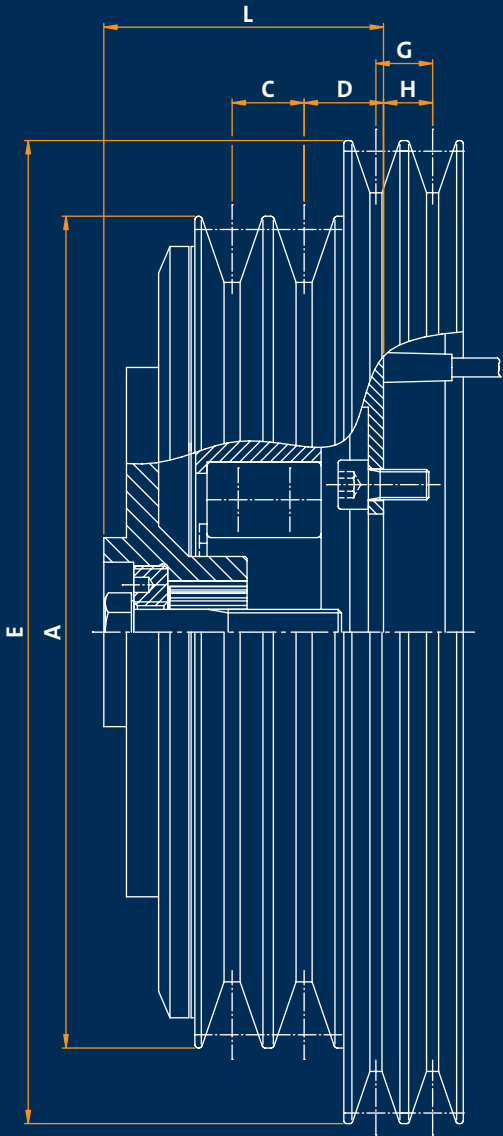
Clutch-Type	øA: Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	øE – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK45.2.3	137 (130)	2 x SPB	19	82.5					112.0	10.8
KK45.2.6	160 (153)	2 x SPB	19	78.5					108	10.8
KK45.2.7	165 (158)	2 x SPB	19	77					106.5	10.1
KK45.2.1	174 (167)	2 x SPB	19	76					105.0	10.1
KK45.1.1	202 (195)	2 x SPB	19	18					74.5	9.2
KK45.1.6	203 (196)	3 x SPB	19	1					74.5	10.0
KK45.2.11	126.2 (128.2)	9 x Poly-V-K	3.56	76					110.5	10.3
KK45.2.4	132.2 (130)	10 x Poly-V-K	3.56	75.5					113.5	9.9
KK45.2.5	147.2 (145)	10 x Poly-V-K	3.56	75.5					113.5	11.0
KK45.2.2	174 (172)	10 x Poly-V-K	3.56	70					108.5	9.9
KK45.1.4	180 (178)	9 x Poly-V-K	3.56	12.7					74.5	8.0
KK45.1.2	182 (180)	10 x Poly-V-K	3.56	11					74.5	8.5
KK45.2.10.4	160 (153)	2 x SPB	19	77	197 (187.2)	8 x Poly-V-K	3.56	7	106.5	12.5
KK45.2.9.3	165 (158)	2 x SPB	19	77	256 (259)	2 x SPA	15	18	106.5	14.5
KK45.2.8.2	170 (163)	2 x SPB	19	76	225 (219)	2 x SPA	15	26	105.5	13.0
KK45.1.5	203 (196)	2 x SPB	19	19	258 (252)	1 x SPA		1	74.5	10.9
KK45.1.8	219 (202)	2 x SPB	19	40.5	219.0	2 x SPA	16	4.5	74.5	12.4
KK45.1.3	220 (213)	2 x SPB	19	35	260 (254)	2 x SPA	15	2	74.5	14.6
KK45.1.9	180 (178)	9 x Poly-V-K	3.56	17	202 (200)	6 x Poly-V-K	3.56	-15.3	74.5	9.0

>>> Clutch series KK 46 ...

Clutch series KK 46 ...
for Compressors Bitzer F600

Clutches with single level Pulleys
Clutches with multi level Pulleys

Torque (stat.)	400 Nm
Coil	
Security Class	IP 64
Voltage	12 / 24 V
Current	5,0 / 2,5 A
Power	60 W





>>> Clutch series KK 46 ...

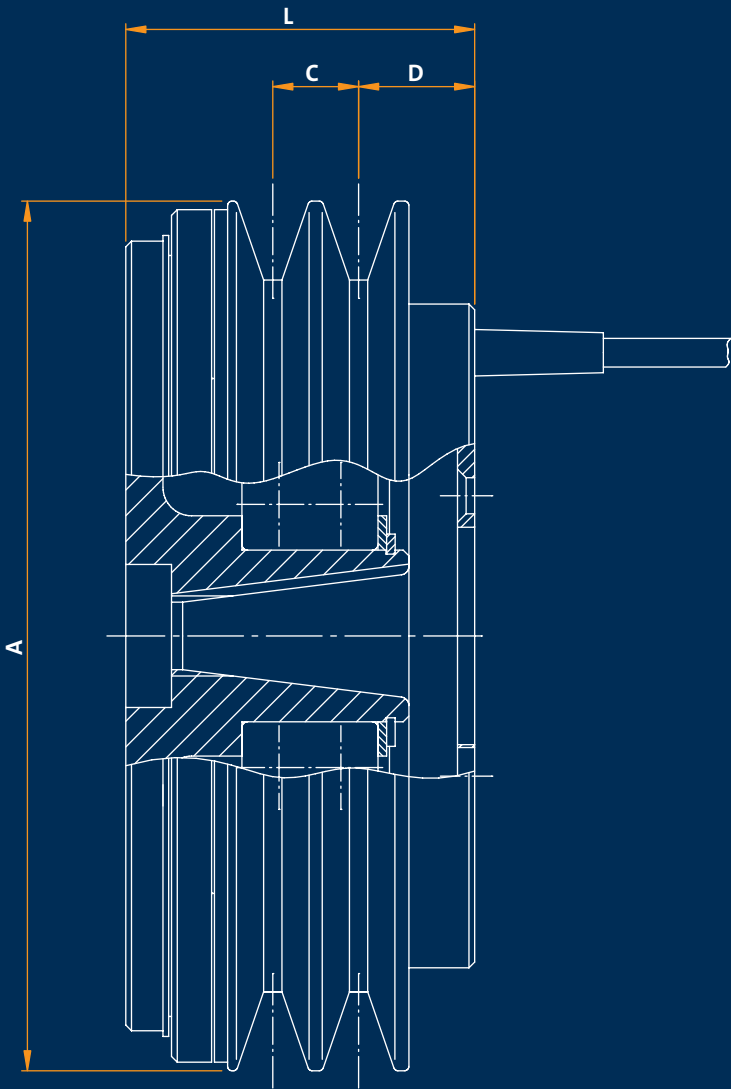
Clutch-Type	øA: Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	øE – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK46.2.4	140 (133)	2 x SPB	19.00	82					112.0	12.5
KK46.2.1	197 (190)	2 x SPB	19.00	70					99.5	12.9
KK46.1.1	220 (213)	2 x SPB	19	20					74.0	11.5
KK46.2.7	128 (126)	9 x Poly-V-K	3.56	76					110.0	11.0
KK46.2.2	152 (150)	10 x Poly-V-K	3.56	72					110.0	12.3
KK46.1.2	204 (196)	10 x Poly-V-K	3.56	11					74.0	10.1
KK46.1.5	209 (207)	8 x Poly-V-K	3.56	166					74.0	11.3
KK46.2.8.3	165 (158)	2 x SPB	19	77	220 (214)	2 x SPA	15	18	106	14.8
KK46.2.6.2	185 (178)	2 x SPB	19	71	246 (240)	2 x SPA	15	26	100.5	16.5
KK46.1.3	220 (213)	2 x SPB	19	21	260 (254)	2 x SPA	15	2	74	14
KK46.1.6	220 (213)	2 x SPB	19	21	275 (269)	2 x SPA	15	-12	74	14.2
KK46.2.3.1	183 (184)	9 x Poly-V-K	3.56	66	208 (206)	6 x Poly-V-K	3.56	15	100	14.3
KK46.1.8	204 (169)	10 x Poly-V-K	3.56	11	249.4 (251.4)	6 x Poly-V-K	3.56	-17.5	74	12.5
KK46.1.4	216 (214)	9 x Poly-V-K	3.56	16.4	242 (240)	6 x Poly-V-K	3.56	-10.6	74	13.1

>>> Clutch series KK 66.1 ...

Clutch series KK 66.1 ...
for Compressors Bock FK(X)1, FK(X)2, FK(X)2o

Clutches with single level Pulleys

Torque (stat.) 120 Nm
Magnetic Coil
Security Class IP64
Voltage 12 / 24 V
Current 3,4 / 1,7 A
Power 44 W



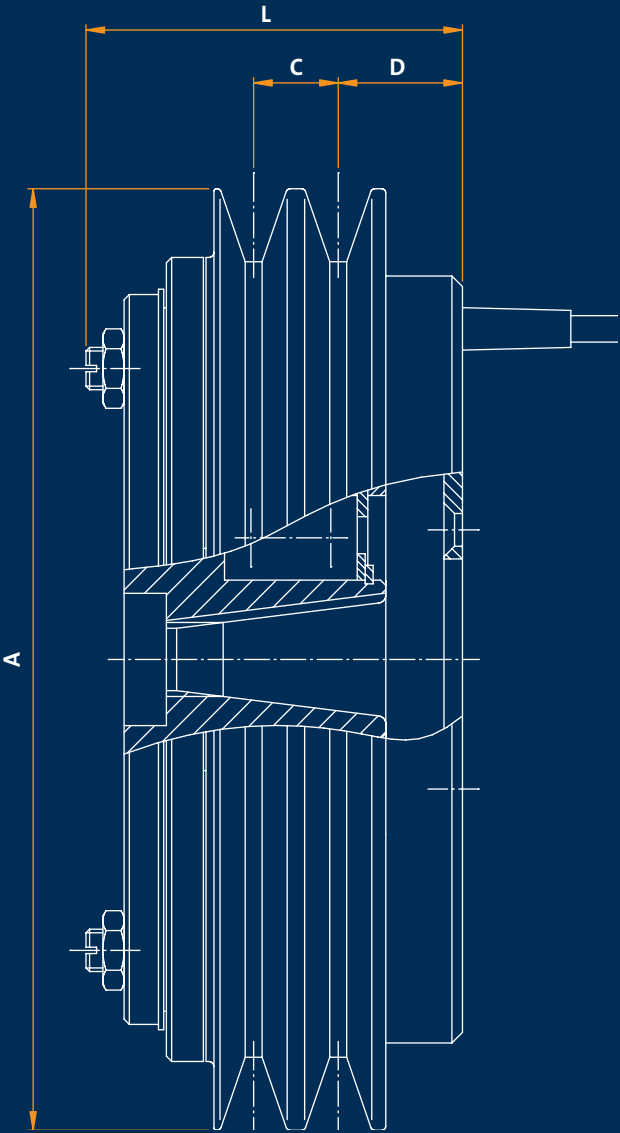
Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK66.152	152 (146)	2 x SPA	15	20.3	61	5.3
KK66.152-3	152 (146)	3 x SPA	15	5.3	61	6.0
KK66.155	155 (149)	2 x SPA	15	20.3	61	5.5
KK66.165	165 (159)	2 x SPA	15	20.3	61	6.0
KK66.178	178 (172)	2 x SPA	15	20.3	61	6.8
KK66.183	183 (177)	2 x SPA	15	20.3	61	7.2
KK66.195	195 (189)	2 x SPA	15	20.3	61	8.0
KK66.158-SPB	158 (151)	2 x SPB	19.05	14.2	61	5.7
KK66.165-SPB	165 (158)	2 x SPB	19.05	14.2	61	6.1
KK66.178-SPB	178 (171)	2 x SPB	19.05	14.2	61	6.9
KK66.183-SPB	183 (176)	2 x SPB	19.05	14.2	61	7.3
KK66.195-SPB	195 (188)	2 x SPB	19.05	14.2	61	7.9

>>> Clutch series KK 67.1 ... S

Clutch series KK 67.1 ... S
for Compressors Bock FK3

Clutches with single level Pulleys
Clutches with multi level Pulleys

Torque (stat.)	250 Nm
Magnetic Coil	
Security Class	IP64
Voltage	12 / 24 V
Current	4,8 / 2,5 A
Power	58 / 60 W



Clutches with single level Pulleys:

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK67.1.8.S	178 (172)	2xSPA	15	23.5	64	7.3
KK67.1.1.S	200 (194)	2xSPA	15	23.5	64	9.8
KK67.1.23.S	200 (194)	3xSPA	15	23.5	64	11.1
KK67.1.4.S	200 (194)	4xSPA	15	3.5	81.5	12.5
KK67.1.24.S	240 (234)	2xSPA	15	23.5	64	11.8
KK67.1.26.S	195 (188)	2xSPB	19.05	15.5	64	8.4
KK67.1.9.S	200 (193)	2xSPB	19.05	20	64	10.0
KK67.1.25.S	220 (213)	2xSPB	19.05	19.5	64	11.2
KK67.1.28.S	157 (160.2)	DIN 7867-8xK	3.56	17.8	64	6.9

Clutches with multi level Pulleys:

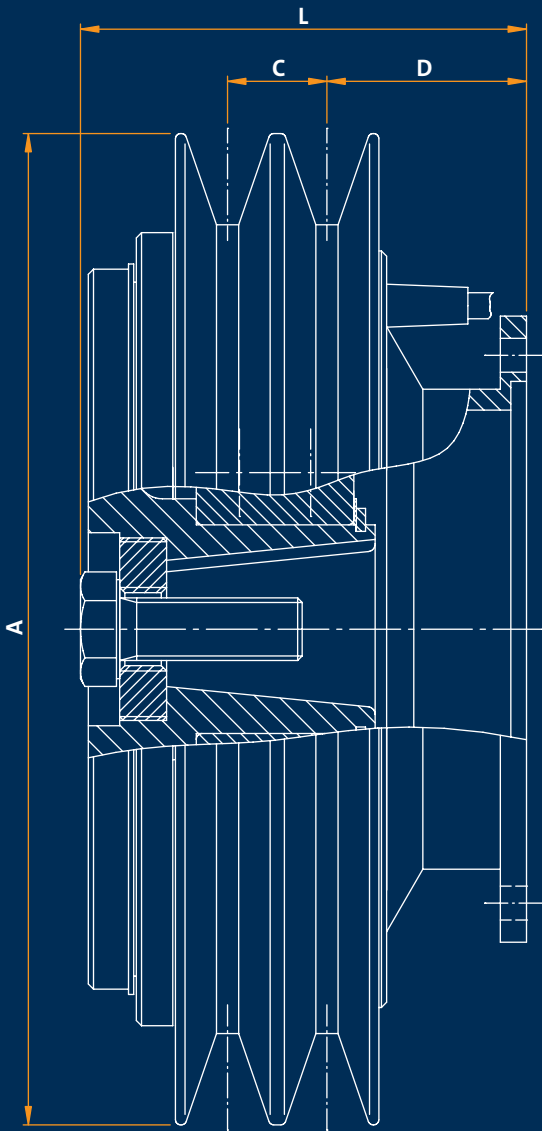
Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	
KK67.1.8.B	178 (172)	2 x SPA	16	23.5	...
	ø E – Pulley (mm) (~effective ø)	Profile	G (mm)	L (mm)	Weight (kg)
	178 (172)	1xSPA	62	71	8.4

>>> Clutch series KK 67.2 ... S

Clutch series KK 67.2 ... S
for Compressors Bock FK30

Clutches with single level Pulleys

Torque (stat.)	250 Nm
Coil	
Security Class	IP64
Voltage	12 / 24 V
Current	4,8 / 2,5 A
Power	58 / 60 W



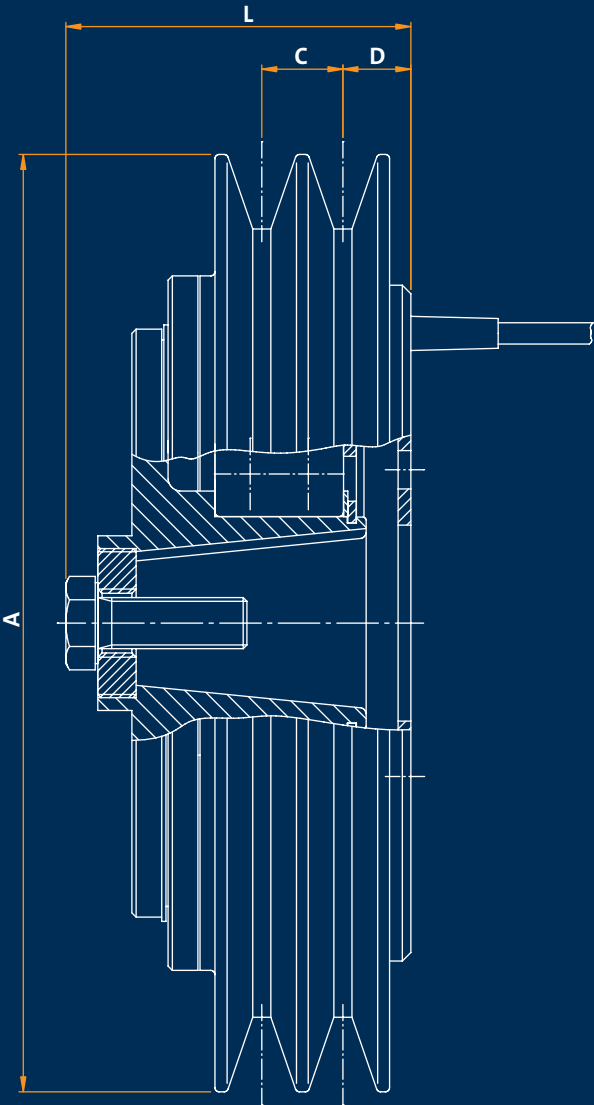
Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK67.2.8.S	178 (172)	2 x SPA	15	38.4	85.5	7.5
KK67.2.33.S	190 (184)	2 x SPA	15	53	85.5	8.2
KK67.2.1.S	200 (194)	2 x SPA	15	38	85.5	9.1
KK67.2.23.S	200 (194)	3 x SPA	15	30	85.5	9.6
KK67.2.4.S	200 (194)	4 x SPA	15	22	85.5	10.4
KK67.2.31.S	215 (209)	2 x SPA	15	35	104	10.8
KK67.2.29.S	240 (234)	2 x SPA	15	38.4	85.5	10.1
KK67.2.30.S	190 (183)	2 x SPB	19.05	38.3	85.5	8.0
KK67.2.28.S	195 (188)	2 x SPB	19.05	38.5	85.5	8.8
KK67.2.9.S	200 (193)	2 x SPB	19.05	38.5	85.5	9.2
KK67.2.25.S	220 (213)	2 x SPB	19.05	38.3	85.5	10.0
KK67.2.2.S	230 (223)	2 x SPB	19.05	38.3	85.5	10.8
KK67.2.27.S	240 (233)	2 x SPB	19.05	38.3	85.5	10.1
KK67.2.39.S	175 (173)	10 x Poly-V-K	3.56	28	85.5	7.8

>>> Clutch series KK 32 ...

Clutch series KK 32 ...
for Compressors Bock FK 4

Clutches with single level Pulleys

Torque (stat.)	300 Nm
Coil	
Security Class	IP64
Voltage	12/24 V
Current	5,0/2,5 A
Power	60 W



Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK32.19	205 (199)	2 x SPA	15	28	81	9.9
KK32.20	210 (204)	3 x SPA	15	27	81	11.5
KK32.25	210 (204)	4 x SPA	15	18	81	11.3
KK32.26	217 (211)	2 x SPA	15	18	81	12.5
KK32.24	225 (219)	3 x SPA	15	29	81	12.7
KK32.30	245 (239)	3 x SPA	15	11.4	81	13.4
KK32.31	260 (254)	2 x SPA	15	18	81	13
KK32.17-210	210 (203)	2 x SPB	19.05	16	81	11.4
KK32.21	210 (203)	2 x SPB	19.05	19.5	81	11.5
KK32.17-220	220 (213)	2 x SPB	19.05	16	81	10.6
KK32.17-230	230 (223)	2 x SPB	19.05	16	81	11.4
KK32.17-240	240 (233)	2 x SPB	19.05	16	81	12.4
KK32.28	255 (248)	2 x SPB	20	17.5	81	13.2
KK32.22	260 (253)	2 x SPB	20	19.5	81	12.8
KK32.27	180 (183.2)	8 x Poly-V-K	3.56	14.5	81	10.7
KK32.33	273 (271.5)	12 x Poly-V-J	2.34	12.3	81	11.2
KK32.35	301.5 (300)	12 x Poly-V-J	2.34	12.3	81	11.9

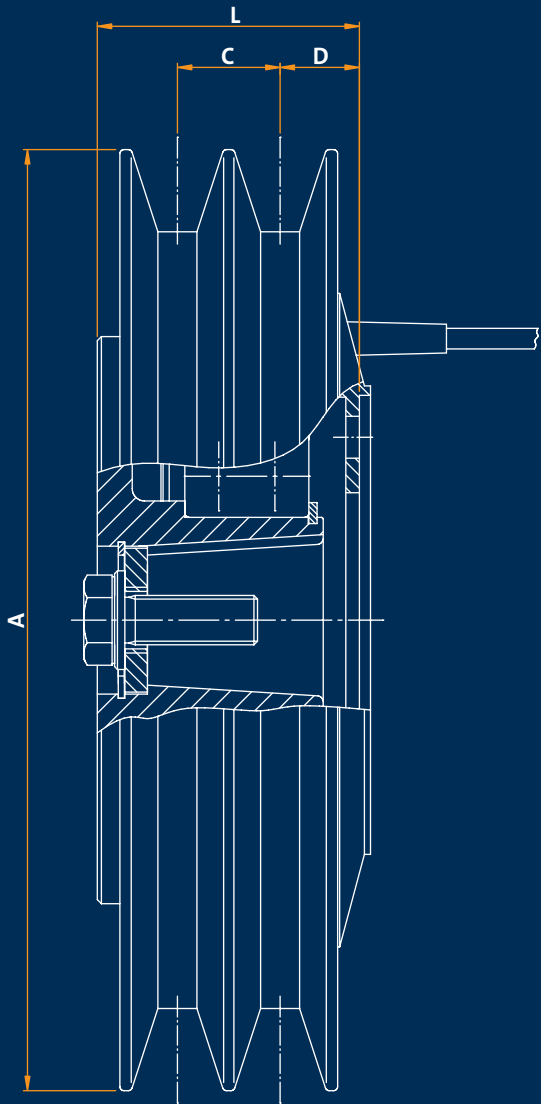
>>> Clutch series KK 32 ... C

Clutch series
for Compressors

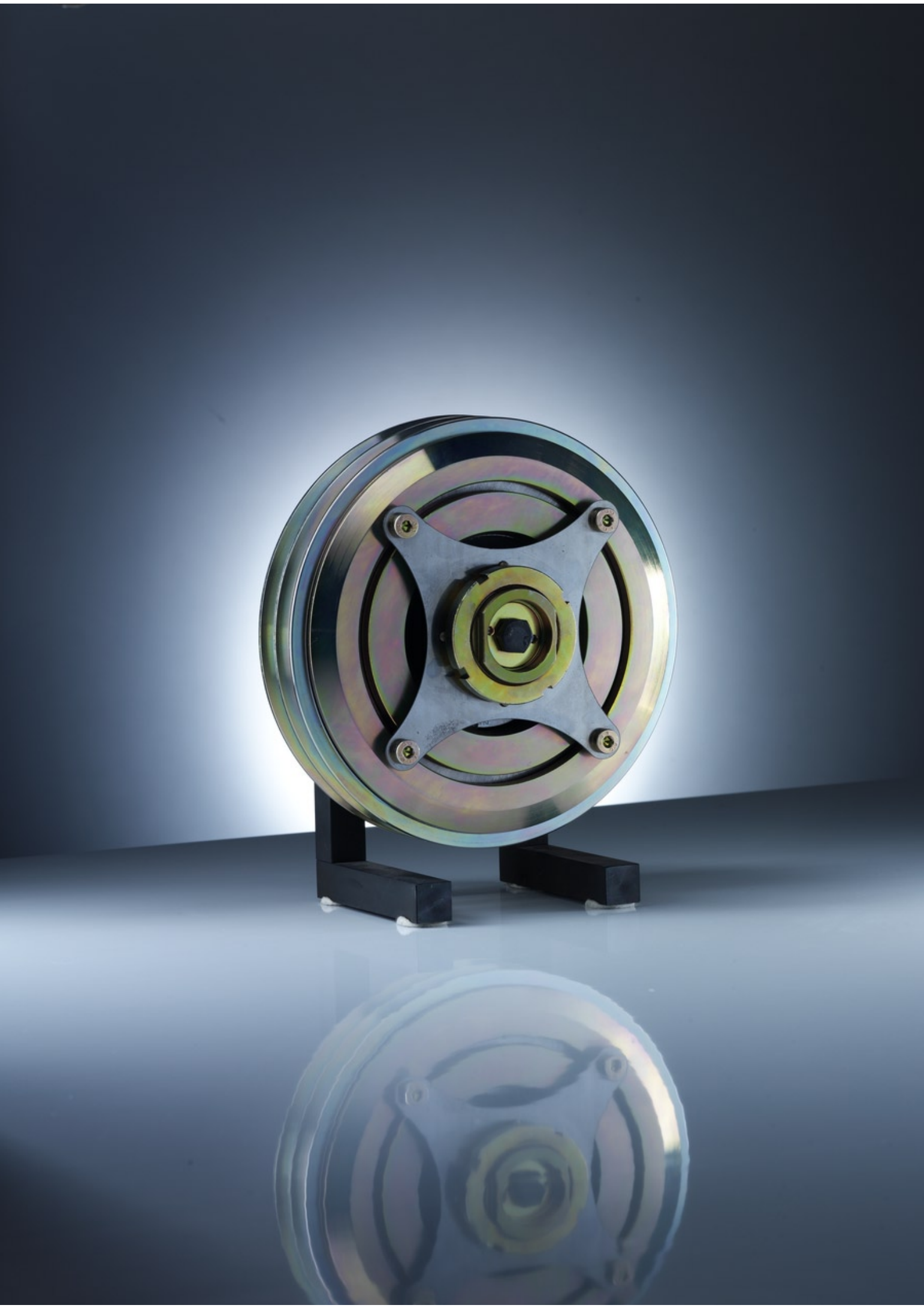
KK 32 ... C
Carrier O5G

Clutches with crank shaft mounted Pulleys

Torque (stat.)	200 Nm
Coil	
Security Class	IP64
Voltage	12/24 V
Current	5,0/2,5 A
Power	60 W



Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK32.19.C	205 (166)	2 x SPA	15	20	71	9.9
KK32.20.C	210 (204)	2 x SPA	15	20	71	12.5
KK32.17.C	210 (203)	2 x SPB	20	14	71	11.4
KK32.29.C	229 (229)	2 x SPC	25	19.5	71	12.0

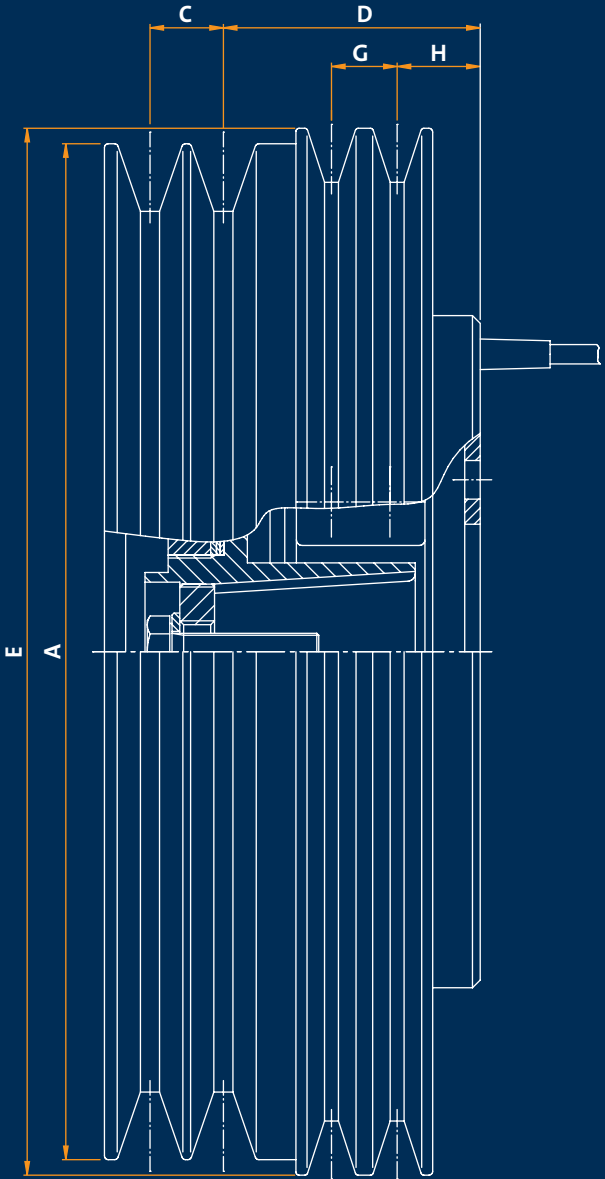


>>> Clutch series KK 47 ...

Clutch series KK 47 ... (housing mounted)
for Compressors Carrier O5G

Clutches with multi level Pulleys

Torque (stat.)	400 Nm
Coil	
Security Class	IP 64
Voltage	12 / 24 V
Current	5,6 / 2,8 A
Power	67 W





>>> Clutch series KK 47 ...

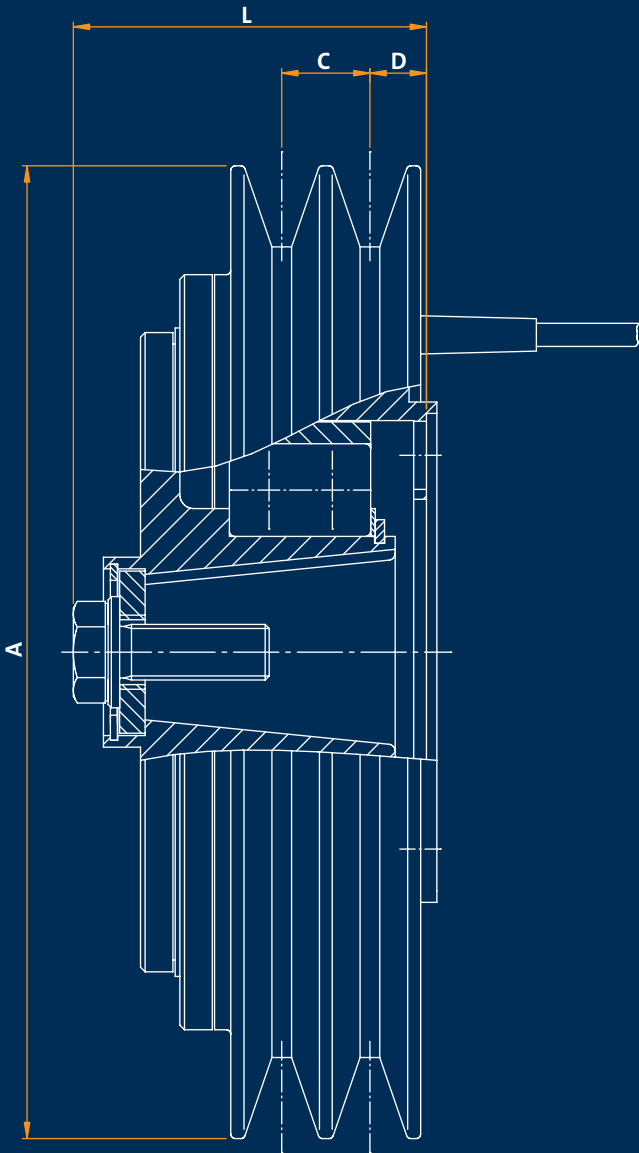
Clutch-Type	øA: Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	øE – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK47.1.1	220 (203)	2 x SPB	19	21					86.8	11.2
KK47.1.2	263 (256)	2 x SPB	19	66.5	263 (261)	2 x AV13	17	21.5	97.3	19

>>> Clutch series KK 32 ... D

Clutch series KK 32 ... D
for Compressors Dorin KV 35, KV 44, KV 54

Clutches with single level Pulleys

Torque (stat.)	300 Nm
Coil	
Security Class	IP64
Voltage	12/24 V
Current	5,0/2,5 A
Power	60 W



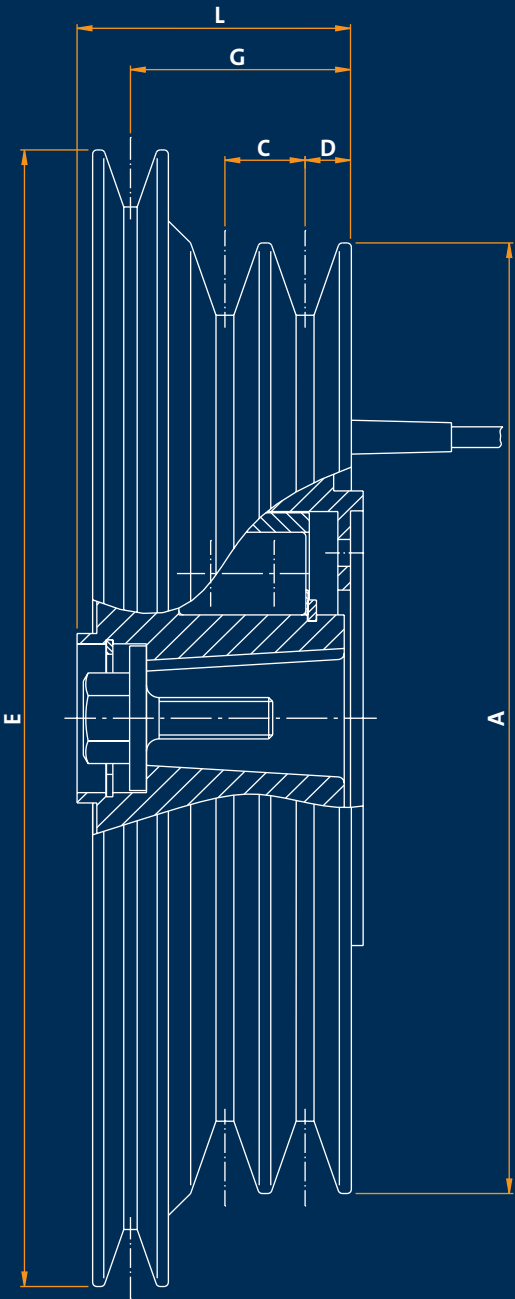
Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK32.19.D	205 (199)	2 x SPA	15	24.5	77	10.1
KK32.20.D	210 (204)	3 x SPA	15	24.5	77	11.6
KK32.25.D	210 (204)	4 x SPA	15	12.7	77	12.9
KK32.34.D	210 (204)	4 x SPA	15	8.2	77	11.1
KK32.26.D	217 (211)	2 x SPA	15	15.7	77	11.9
KK32.24.D	225 (219)	3 x SPA	15	24.5	77	12.2
KK32.17.D-210	210 (203)	2 x SPB	19.05	12.2	77	9.8
KK32.21.D	210 (203)	2 x SPB	20	19	77	10.2
KK32.32.D	210 (203)	3 x SPB	20	26.7	77	10.8
KK32.17.D-220	220 (213)	2 x SPB	19.05	12.2	77	10.8
KK32.17.D-230	230 (223)	2 x SPB	19.05	12.2	77	11.6
KK32.17.D-240	240 (233)	2 x SPB	19.05	12.2	77	12.6
KK32.22.D	260 (253)	2 x SPB	20	19	77	14.3
KK32.27.D	180 (183.2)	8 x Poly-V-K	3.56	12.2	77	8.7
KK32.33.D	273 (271.5)	12 x Poly-V-J	2.34	12.3	77	11.2
KK32.35.D	301.5 (300)	12 x Poly-V-J	2.34	12.3	77	11.9

>>> Clutch series KK 34 ...

Clutch series KK 34 ...
for Compressors Dorin V35, V44

Clutches with single level Pulley
Clutches with multi level Pulley

Torque (stat.)	200 Nm
Coil	
Security Class	IP64
Voltage	12 / 24 V
Current	5,0 / 2,5 A
Power	60 W



Clutches with single level Pulleys:

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK34.20	205 (199)	2 x SPA	15	16	65	9.2
KK34.21	205 (199)	3 x SPA	15	16	65	10.8
KK34.17	210 (203)	2 x SPB	19.05	10.8	65	9.2
KK34.22	220 (213)	2 x SPB	19.05	10.8	65	10.2
KK34.23	230 (223)	2 x SPB	19.05	10.8	65	11.0
KK34.24	240 (233)	2 x SPB	19.05	10.8	65	12.0

Clutches with multi level Pulleys:

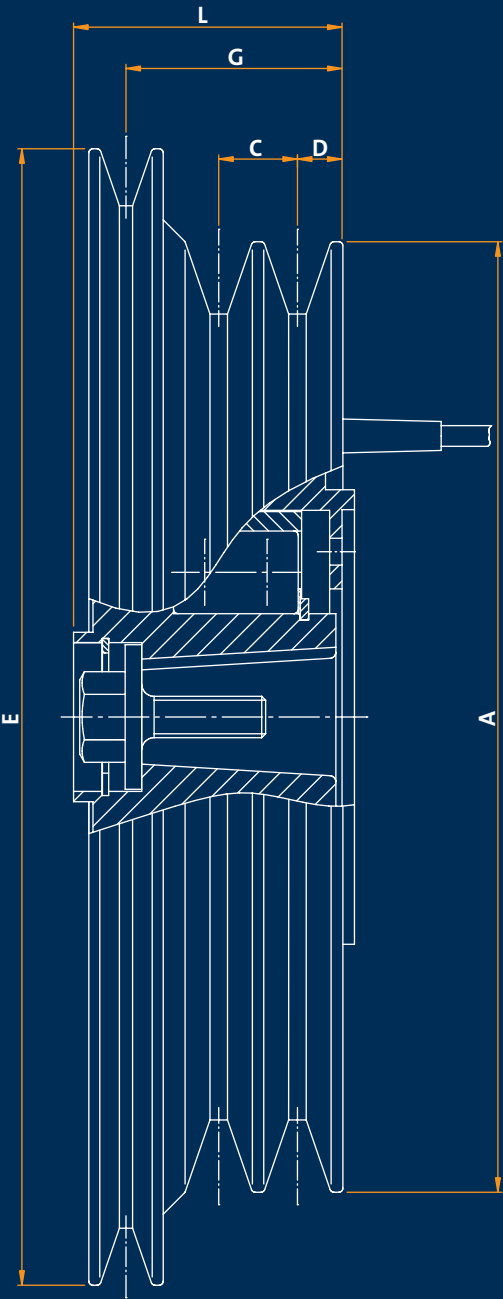
Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)		
KK34.18	230 (223)	2 x SPB	19.05	11	...	
		ø E – Pulley (mm) (~effective ø)	Profile	G (mm)	L (mm)	Weight (kg)
...		275 (269)	1 x SPA	42.5	65	13.2

>>> Clutch series KK 34 ... S

Clutch series KK 34 ... S
for Compressors Dorin V54

Clutches with single level Pulleys
Clutches with multi level Pulleys

Torque (stat.)	300 Nm
Coil	
Security Class	IP64
Voltage	12 / 24 V
Current	5,0 / 2,5 A
Power	60 W



Clutches with single level Pulleys:

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK34.20.S	205 (199)	2 x SPA	15	16	65	9.2
KK34.21.S	205 (199)	3 x SPA	15	16	65	10.8
KK34.17.S	210 (203)	2 x SPB	19.05	10.8	65	9.2
KK34.22.S	220 (213)	2 x SPB	19.05	10.8	65	10.2
KK34.23.S	230 (223)	2 x SPB	19.05	10.8	65	11.0
KK34.24.S	240 (233)	2 x SPB	19.05	10.8	65	12.0

Clutches with multi level Pulleys:

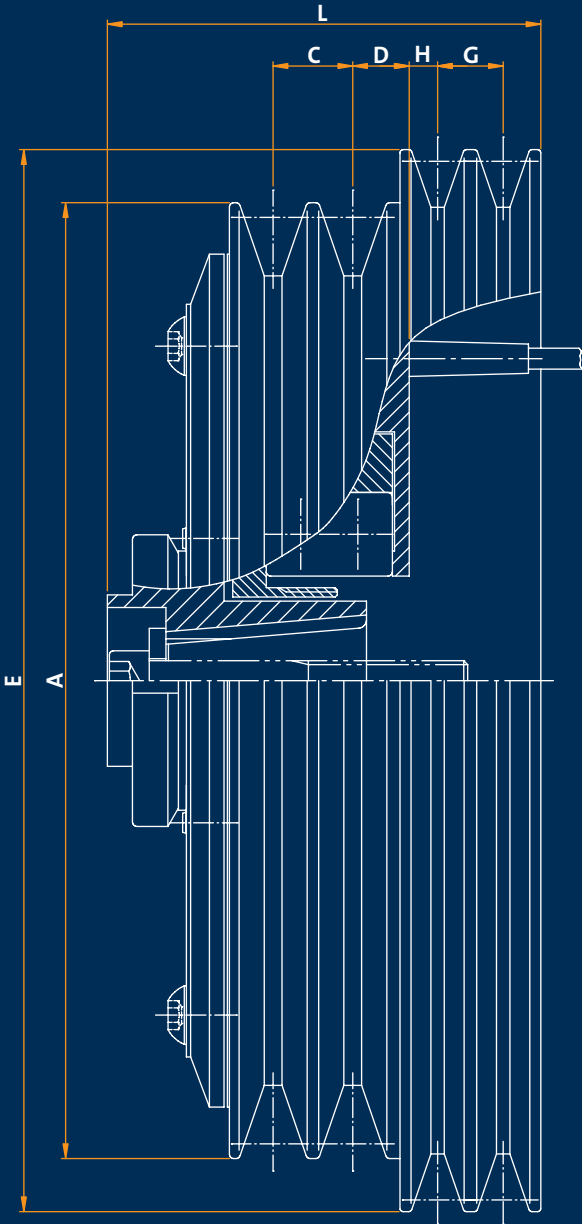
Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)		
KK34.18.S	230 (223)	2 x SPB	19.05	11	...	
		ø E – Pulley (mm) (~effective ø)	Profile	G (mm)	L (mm)	Weight (kg)
...		275 (269)	1 x SPA	42.5	65	13.2

>>> Clutch series KK 48 ...

Clutch series KK 48 ...
for Compressors Thermo King X 426, X 430

Clutches with single level Pulleys
Clutches with multi level Pulleys

Torque (stat.)	300 Nm
Coil	
Security Class	IP64
Voltage	12 / 24 V
Current	5,0 / 2,5 A
Power	60 W



Clutches with single level Pulleys:

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)	L (mm)	Weight (kg)
KK48.2.4	203.2	2x5V	17.5	12	73.3	9.0

Clutches with multi level Pulleys:

Clutch type	ø A – Pulley (mm) (~effective ø)	Profile	C (mm)	D (mm)		
KK48.2.3	204 (197)	2xSPB	19	5.9	...	
KK48.2.5	226 (219)	1xSPB		28		
	ø E – Pulley (mm) (~effective ø)	Profile	G (mm)	H (mm)	L (mm)	Weight (kg)
KK48.2.3	226 (220)	2xSPA	16	-14.4	73.3	11.0
KK48.2.5	226 (219)	1xSPB		-28	73.3	12.5

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