

MIZU

PUMP

MIXED FLOW VOLUTE PUMP



APPLICATIONS



Flooding



Industrial use



Shrimp eathern



Drainage



Irrigation

FEATURES

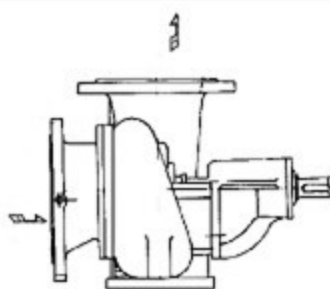
- ECONOMICS
- LOW COST OPERATION
- NON CLOGGING
- EASY MAINTENANCE

SPECIFICATIONS

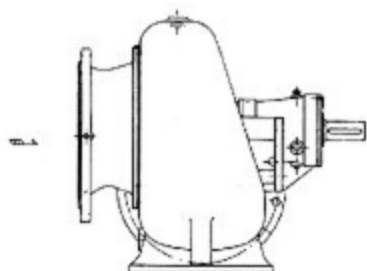
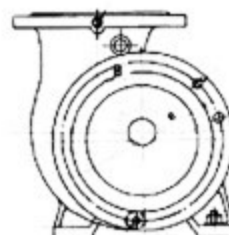
- TYPE : HORIZONTAL SHAFT MIXED FLOW VOLUTE PUMP
- IMPELLER : MIXED FLOW OPEN TYPE
- ROTATION : COUNTER CLOCKWISE WHEN VIEWED FROM END SHAFT COUPLING
- BEARING : BALL BEARING (SEALED BALL BEARING OR OIL BATH TYPE)
- FLANGE : JIS 10K
- TEMP. : MAX. 80 Deg C
- LIQUID : WATER

INLET/OULET STANDARD & POSITION

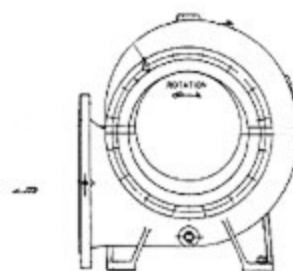
- SIZE 200 - 250 : SIDE SUCTION - TOP DISCHARGE
- SIZE 300 - 500 : SIDE SUCTION - SIDE DISCHARGE



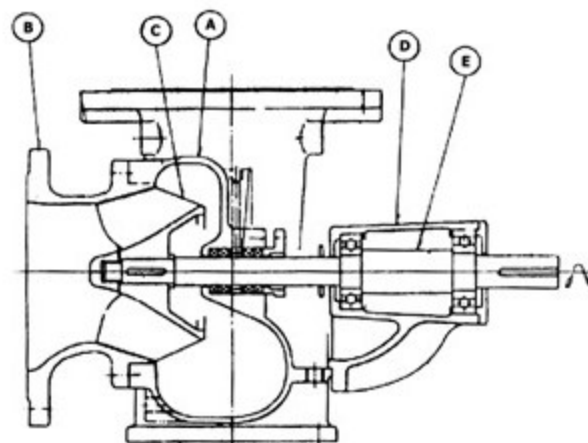
SIZE: 200 - 250



SIZE: 300 - 500



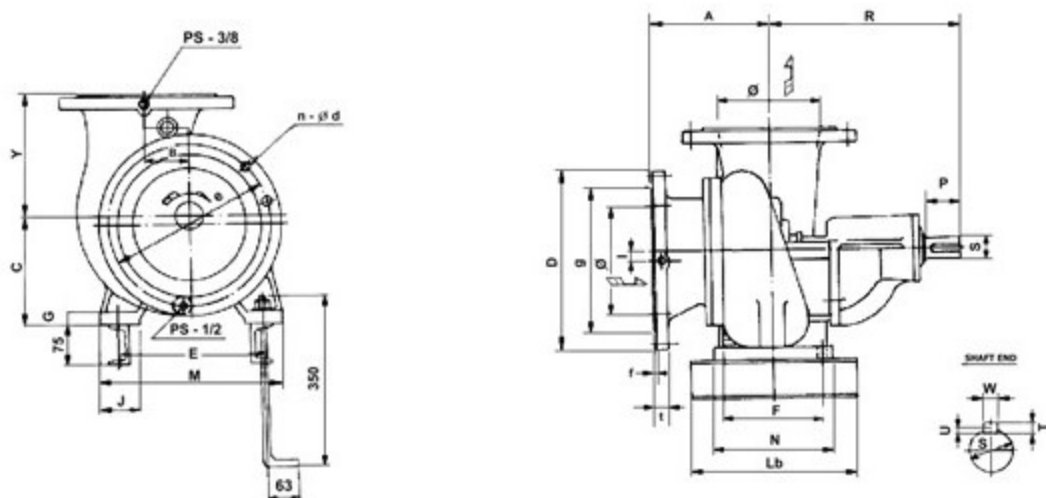
CONSTRUCTION BARE SHAFT PUMP



SIZE 200 - 250 MM

No.	Part name	Material Standard	Qty/Unit
A	Casing	Cast iron (FC20)	1
B	Suction cover	Cast iron (FC20)	1
C	Impeller	Bronze (BC8)	1
D	Shaft	Stainless steel	1
E	Bearing housing	Cast iron (FC20)	1

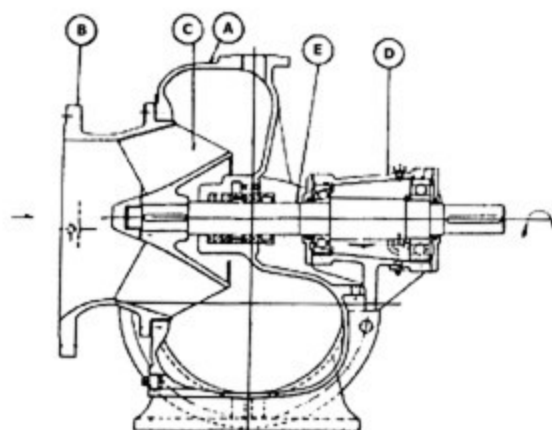
OUTLINE DRAWING SIZE 200 - 250 MM



MODEL	PUMP DIMENSION												
	A	R	B	C	I	E	F	G	J	Lb	M	N	Y
MZ-200	223.5	355	80	200	15	280	190	20	70	320	340	230	220
MZ-250	268.5	380	100	240	15	330	235	22	80	380	400	280	260

FLANGE DIMENSION							SHAFT DIMENSION					WEIGHT
IS	D	a	e	n-d	t	f	S	P	T	U	W	Kg
200	8"	330	265	290	12-23	26	2	40	77	8	4.5	136
250	10"	400	325	355	12-23	30	2	40	78	8	4.5	145

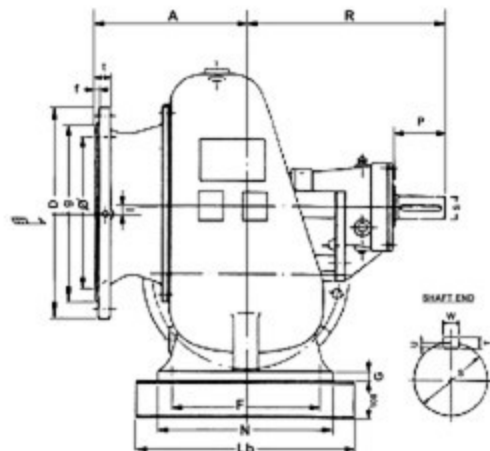
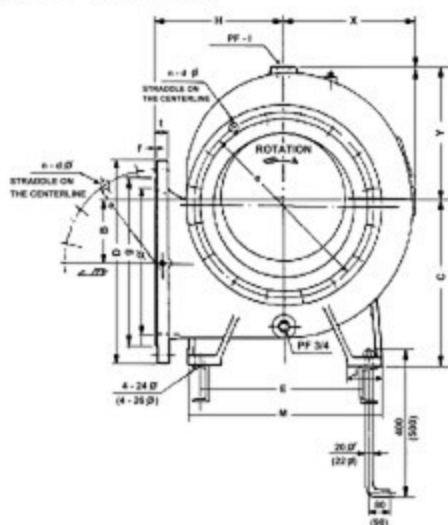
CONSTRUCTION BARE SHAFT PUMP



SIZE 300 - 500 MM

No.	Part name	Material Standard	Qty/Unit
A	Casing	Cast iron (FC20)	1
B	Suction cover	Cast iron (FC20)	1
C	Impeller	Bronze (BC8)	1
D	Shaft	Stainless steel	1
E	Bearing housing	Cast iron (FC20)	1

Outline Drawing SIZE 300 - 500 MM



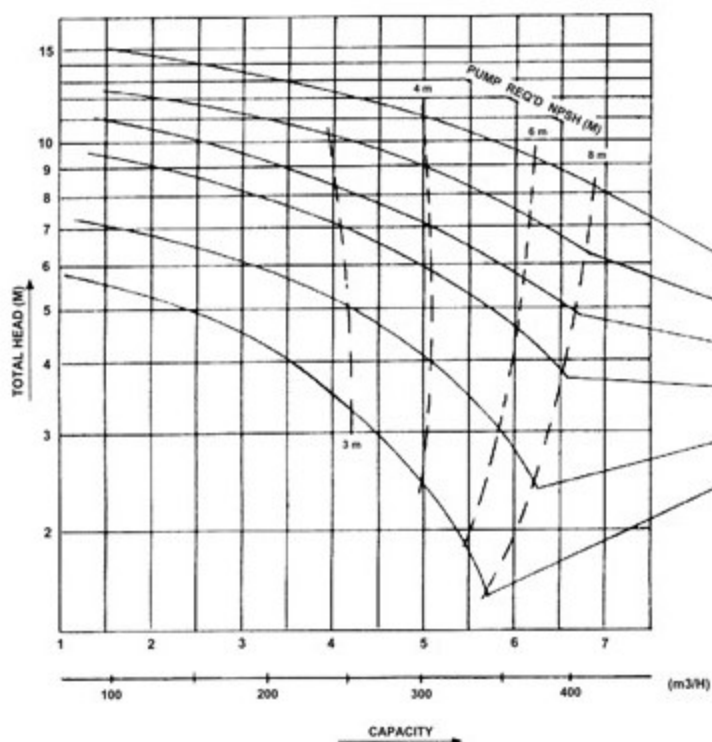
unit: mm

MODEL	PUMP DIMENSION														
	A	R	H	C	I	E	F	G	J	Lb	M	N	X	Y	
MZ - 300	340	590	280	360	25	330	290	24	75	450	400	350	280	257	
MZ - 350	390	680	330	420	20	410	350	26	90	550	490	420	330	307	
MZ - 400	430	770	370	470	25	490	410	28	100	600	570	480	381	364	
MZ - 500	540	850	460	580	31	620	500	32	125	750	720	600	476	451	

FLANGE DIMENSION								SHAFT DIMENSION					WEIGHT
C	D	g	e	n - d	t	f	S	P	T	U	W		Kg
300	12"	445	370	400	16-25	32	3	48	124	8	4.5	12	220
350	14"	490	415	445	16-25	34	3	55	153	8	4.5	12	310
400	16"	560	475	510	16-27	36	3	65	180	10	5	15	497
500	20"	675	585	620	20-27	40	3	75	180	12	6	18	840

PERFORMANCE CURVE

MZ - 200

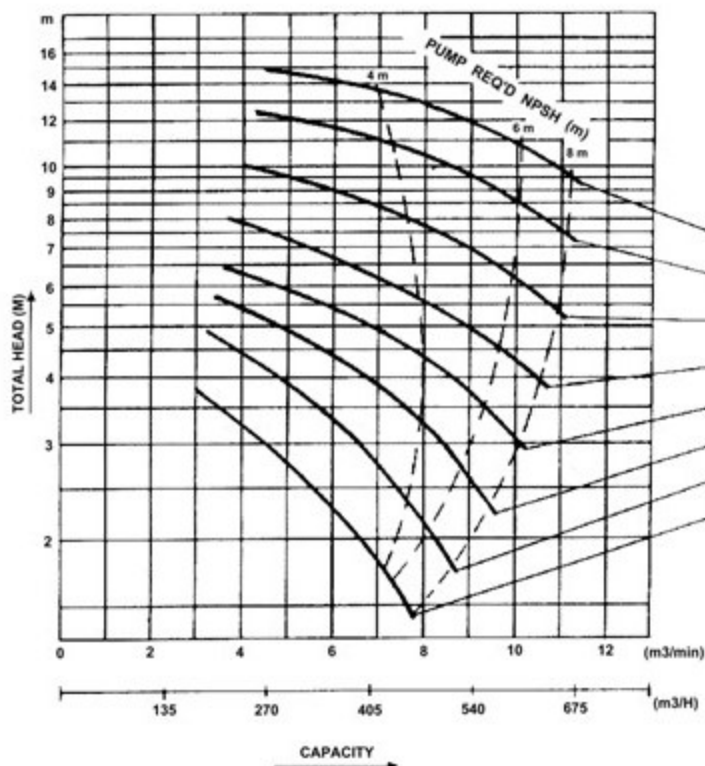


Specification:

No.	Speed	Motor Power	Engine Power
1	1750 Rpm	15 kW	20 HP
2	1600 Rpm	11 kW	15 HP
3 *	1500 Rpm	11 kW	13 HP
4	1400 Rpm	7,5 kW	10 HP
5	1250 Rpm	5,5 kW	7,5 HP
6	1100 Rpm	3,7 kW	5,5 HP

*) Direct coupled with electric motor

MZ - 250

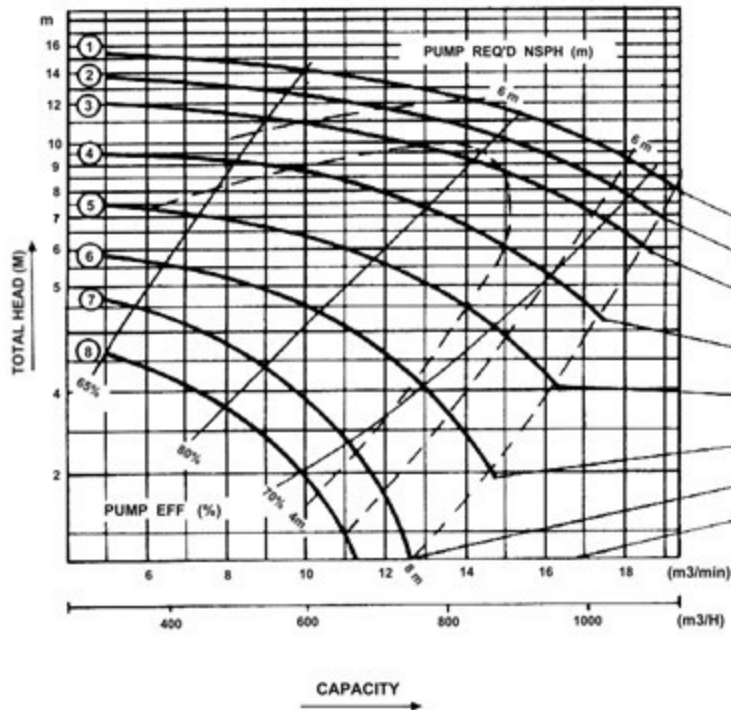


Specification:

No.	Speed	Motor Power	Engine Power
1 *	1450 Rpm	30 kW	40 HP
2	1320 Rpm	22 kW	30 HP
3	1180 Rpm	15 kW	20 HP
4	1060 Rpm	11 kW	15 HP
5 *	980 Rpm	11 kW	13,5 HP
6	900 Rpm	7,5 kW	10 HP
7	830 Rpm	5,5 kW	7,5 HP
8 *	750 Rpm	3,7 kW	5 HP

*) Direct coupled with electric motor

MZ - 300

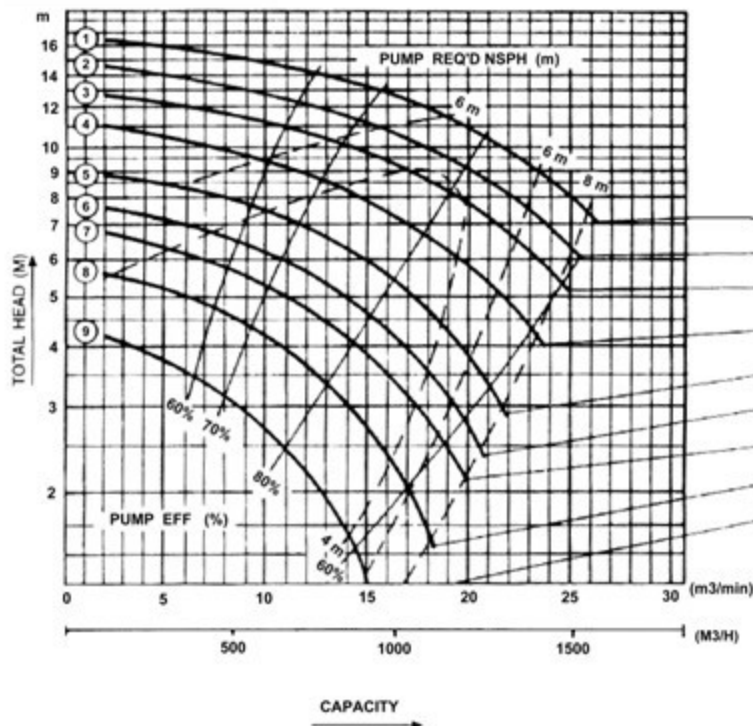


Specification:

No.	Speed	Motor Power	Engine Power
1	1240 Rpm	45 kW	60 HP
2	1170 Rpm	37 kW	50 HP
3	1100 Rpm	30 kW	40 HP
4 *	980 Rpm	22 kW	30 HP
5	880 Rpm	15 kW	20 HP
6 *	780 Rpm	11 kW	15 HP
7	690 Rpm	7,5 kW	10 HP
8	620 Rpm	5,5 kW	7,5 HP

*) Direct coupled with electric motor

MZ - 350

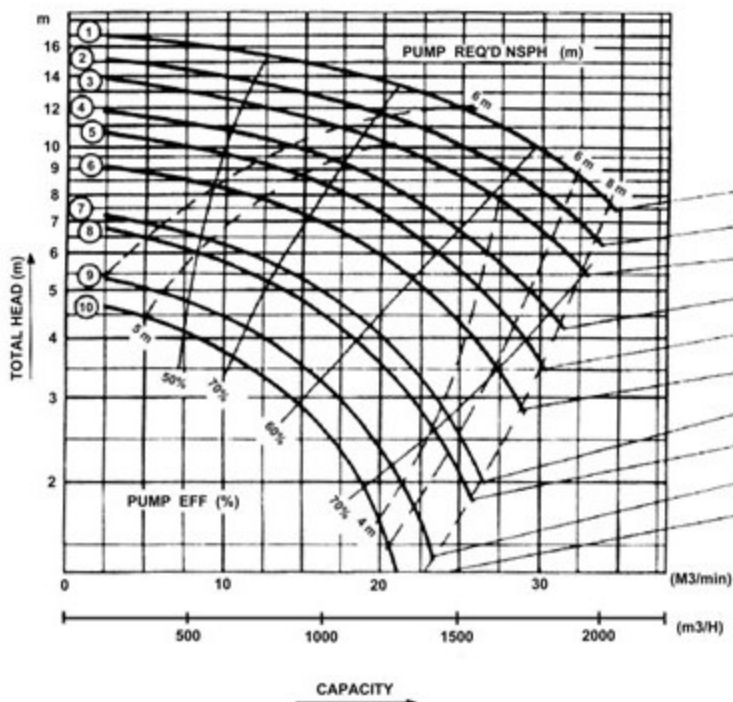


Specification:

No.	Speed	Motor Power	Engine Power
1	1070 Rpm	55 kW	75 HP
2 *	1010 Rpm	45 kW	60 HP
3 *	950 Rpm	37 kW	50 HP
4	880 Rpm	30 kW	40 HP
5	795 Rpm	22 kW	30 HP
6 *	735 Rpm	18,5 kW	25 HP
7	700 Rpm	15 kW	20 HP
8	625 Rpm	11 kW	15 HP
9	625 Rpm	7,5 kW	10 HP

*) Direct coupled with electric motor

MZ - 400

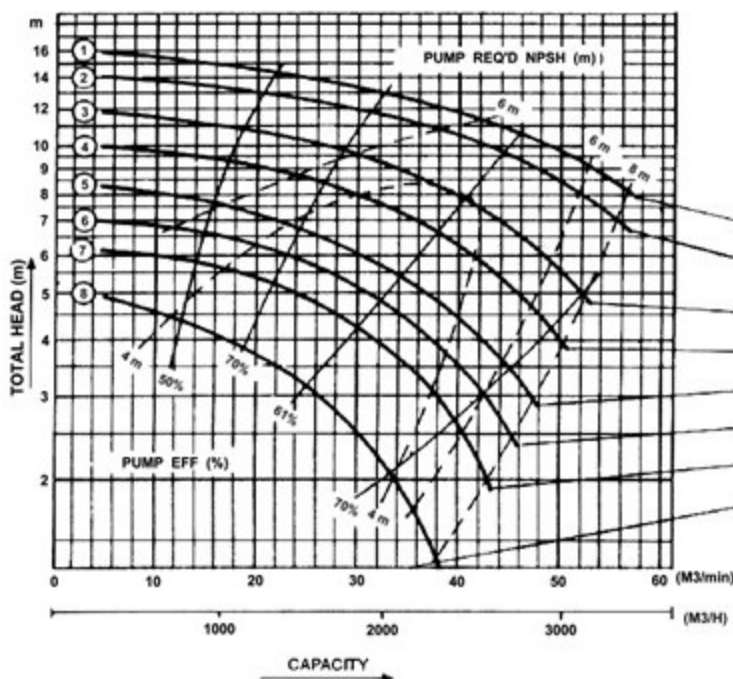


Specification:

No.	Speed	Motor Power	Engine Power
1 *	930 Rpm	75 kW	100 HP
2	880 Rpm	60 kW	80 HP
3	825 Rpm	55 kW	75 HP
4	775 Rpm	45 kW	60 HP
5 *	730 Rpm	37 kW	50 HP
6	685 Rpm	30 kW	40 HP
7	610 Rpm	22 kW	30 HP
8	590 Rpm	18,5 kW	25 HP
9	530 Rpm	15 kW	20 HP
10	490 Rpm	11 kW	15 HP

*) Direct coupled with electric motor

MZ - 500



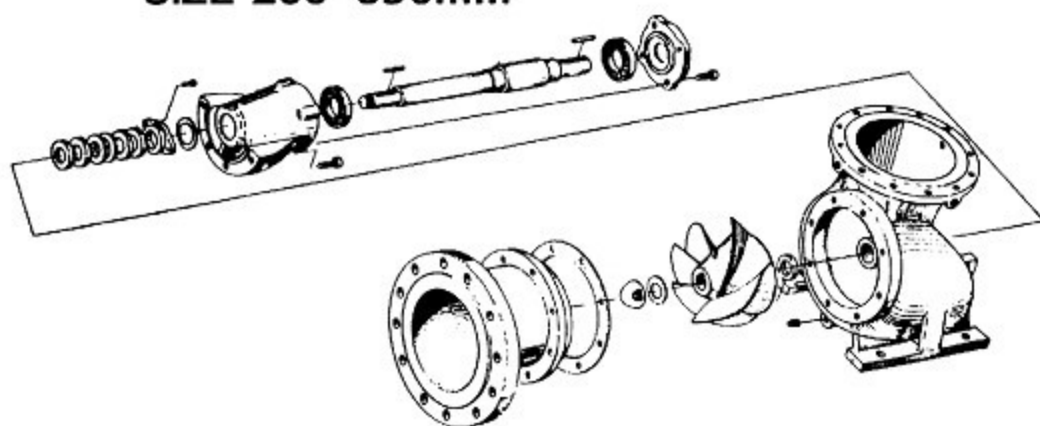
Specification:

No.	Speed	Motor Power	Engine Power
1 *	735 Rpm	110 kW	150 HP
2	705 Rpm	75 kW	130 HP
3	640 Rpm	55 kW	100 HP
4	590 Rpm	45 kW	75 HP
5	535 Rpm	37 kW	60 HP
6	500 Rpm	30 kW	45 HP
7	470 Rpm	30 kW	40 HP
8	420 Rpm	22 kW	30 HP

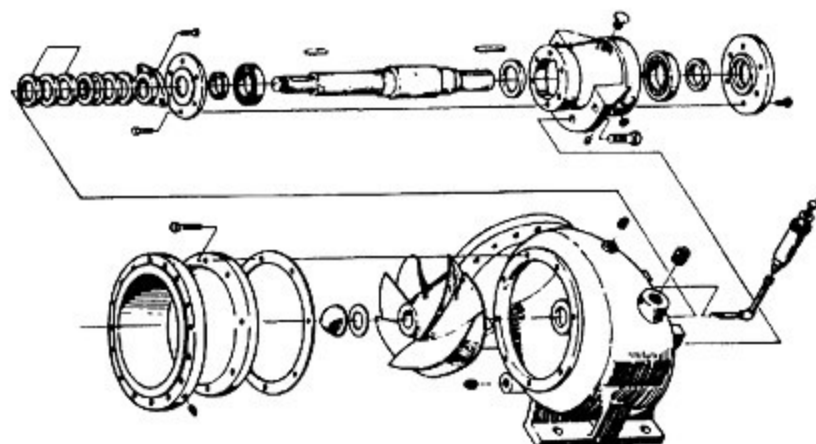
*) Direct coupled with electric motor

DISASSEMBLY

SIZE 200–350mm



SIZE 300–500mm



All specifications are subject to change without notice