

O-M Mechanical seal

Features

- The mechanical seal ensures no water leakage.
- Employing a closed type ball bearing, no lubrication is required.
- The semi-open impeller can pump up water containing sand, and slurry.



Standard Specifications

Pumping Fluid	Type of Fluid	Natural water, Filty water
	Fluid Temperature	0-40°C (without freezing)
Structure	Impeller	semi-open
	Shaft Seal	Mechanical Seal (SiC×SiC)
	Bearing	Ball bearing
Material	Casing	FC200
	Impeller	FC200
	Shaft	SUS304
	Motor (Option)	TEFC
Motor (Option)	Power	3 Phase 50Hz 380V
	Pole	4 Pole
	Flange	O-1M,2M,OL-3M..... (Original Shape) O-3ME,4ME,5ME,6ME,7ME.... JIS 10K,thin

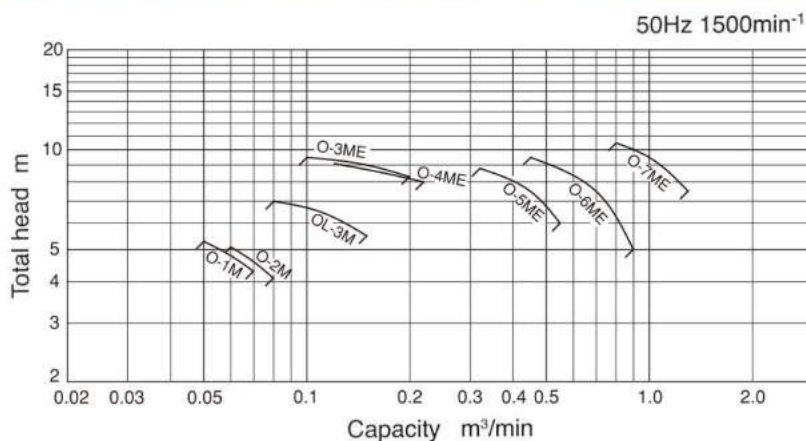
Uses

- Industrial uses
- Building facility
- Civil engineering & construction
- Agriculture
- Fishery

Special Specifications

Please specify voltage for each pump on your order.
Please contact us for custom specifications.

Performance Curve

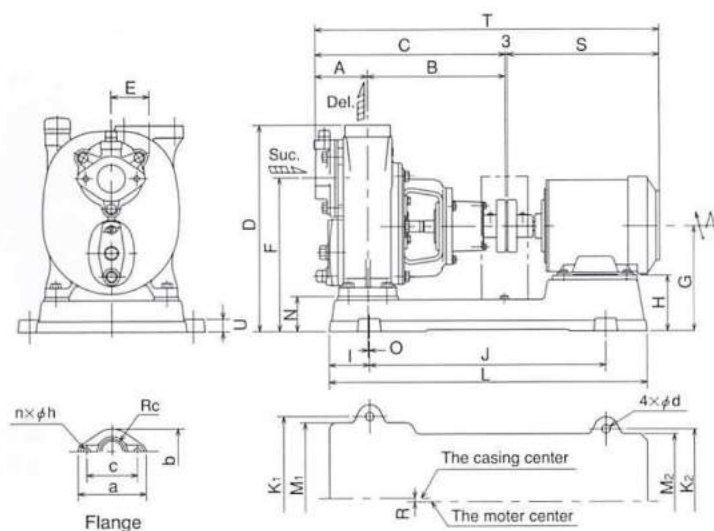


Specifications

50Hz 1500min ⁻¹								
Bore mm	Model	Motor kw	Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m
25	O-1M	0.2	0.05	5.3	0.06	4.8	0.07	4.3
32	O-2M	0.2	0.06	5.1	0.07	4.6	0.08	4.1
40	OL-3M	0.4	0.08	7.0	0.11	6.5	0.15	5.5
	O-3ME	0.75	0.10	9.5	0.15	9.0	0.2	8.3
50	O-4ME	0.75	0.12	9.1	0.17	8.5	0.22	8.0
65	O-5ME	1.5	0.32	8.8	0.45	7.5	0.55	6.0
80	O-6ME	2.2	0.45	9.5	0.7	7.5	0.9	5.0
100	O-7ME	3.7	0.80	10.5	1.0	9.5	1.3	7.5

Size

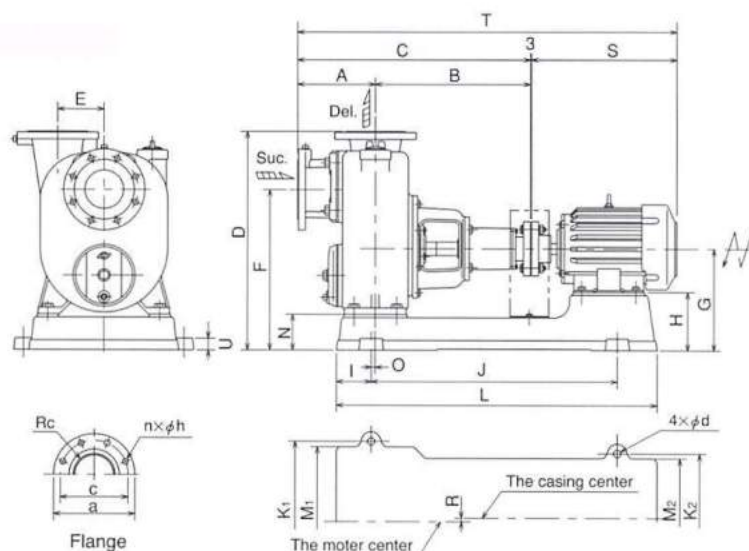
O-1M
O-2M
OL-3M



Bore mm	Model	Motor kW	Output dimension mm																				Flange size					Weight kg		
			A	B	C	D	E	F	G	H	I	J	K1	K2	L	M1	M2	N	O	R	S	T	U	d	Rc	a	b		c	n×h
25	O-1M	0.2	75	198	273	295	55	220	150	87	57.5	335	240	190	455	222	172	50	0	5	221	497	21	12	1	98	65	73	2×10	22
32	O-2M	0.2	75	198	273	295	55	220	150	87	57.5	335	240	190	455	222	172	50	0	5	221	497	21	12	1¼	98	65	73	2×10	22
40	OL-3M	0.4	81	203	284	317	58	240	162	91	69	345	270	208	483	246	187	52	3.5	7.5	244	531	20	12	1½	98	65	73	2×10	26

※ The weight include the weight of the base, but not motor.

O-3ME
O-4ME
O-5ME
O-6ME
O-7ME



Bore mm	Model	Motor kW	Output dimension mm																				Flange size				Weight kg		
			A	B	C	D	E	F	G	H	I	J	K1	K2	L	M1	M2	N	O	R	S	T	U	d	Rc	a		c	n×h
40	O-3ME	0.75	123	290	413	390	60	278	175	95	73	442	287	242	585	264	210	60	7.5	7	262	678	23	12	1 ½	140	105	4×15	46
50	O-4ME	0.75	123	290	413	390	60	278	175	95	73	442	287	242	585	264	210	60	7.5	7	262	678	23	12	2	155	120	4×15	46
65	O-5ME	1.5	157	305	462	454	105	329	224	134	83	485	340	255	662	310	227	74	2	6	313.5	778.5	25	15	2 ½	175	140	4×15	71
80	O-6ME	2.2	158	310	468	468	110	335	223	123	86	525	335	280	693	314	256	73	5	6	362	833	25	15	3	185	150	8×15	73
100	O-7ME	3.7	201	401	602	564	120	414	262	150	90	637	415	335	830	387	310	92	-10	9	376	981	30	19	4	210	175	8×15	127

※ The weight include the weight of the base, but not motor.