4” OIL FILLED MOTOR

220V Single phase

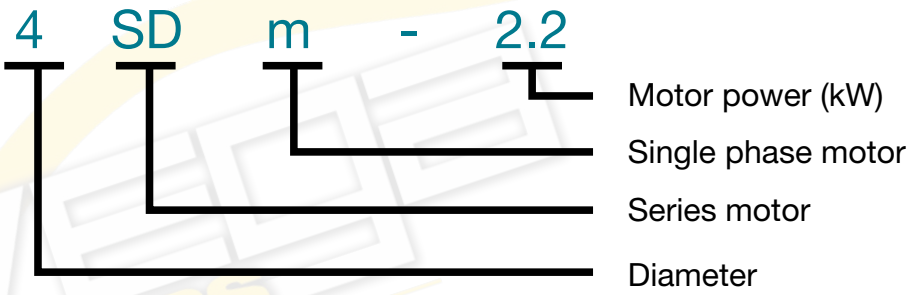


Motor technical data

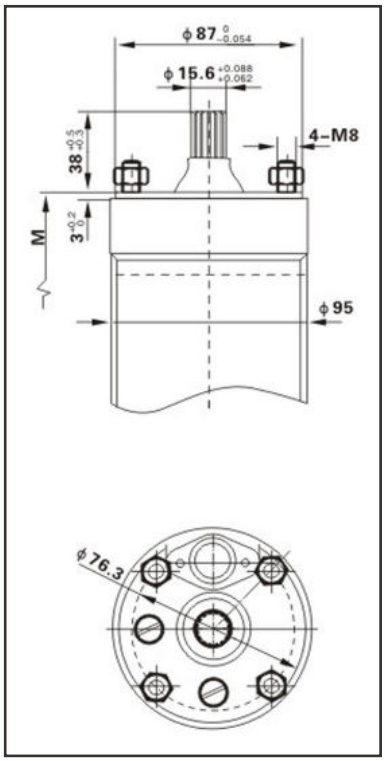
Single phase power:	0.37 to 2.2 kW
Speed:	2850rpm
Voltage:	220 ~ 240V/50Hz
Insulation class:	B
Protection grade:	IP 68
Highest temperature of Liquid:	35˚C
Maximum solid handling:	40g/m³
Motor casing:	stainless steel
Maximum diameter:	Φ 95 mm
Maximum Submersible depth:	200m

With sand proof cover/pressure balance membrane/mechanical seal for high performance.

Flange and coupling according to NEMA standard.

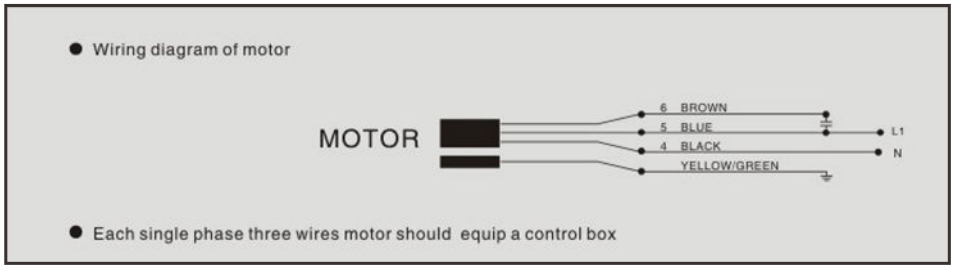


Motor dimensions



TYPE	MOTOR POWER		CAP	RUNNING	DIMENSIONS	
Single Phase 220V~/50HZ	kW	HP	μf	Amps	Length (mm)	Weight (kg)
4SDm-0.37	0.37	0.5	20	3.7	314	6.7
4SDm-0.55	0.55	0.75	25	4.7	329	7.3
4SDm-0.75	0.75	1.0	35	6.2	344	8.0
4SDm-l.l	1.1	1.5	45	8.0	399	10.6
4SDm-l.5	1.5	2.0	55	10.5	424	11.7
4SDm-2.2	2.2	3.0	60	15	502	15.7

Motor wiring



4” OIL FILLED MOTOR 220V

220V 3 Phase - Solar Application

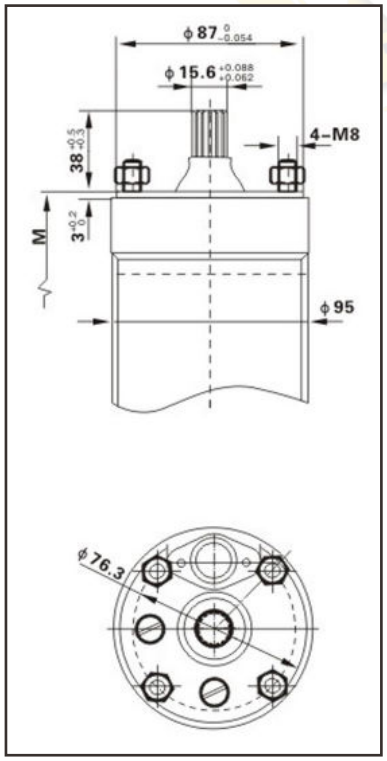


Motor technical data

Three phase power:	0.37 to 2.2kW
Speed:	2850rpm
Voltage:	220V- 3Phase
Insulation class:	B
Protection grade:	IP 68
Highest temperature of liquid:	35˚C
Maximum solid handling:	40g/m^3
Motor casing:	stainless steel
Maximum diameter:	Φ 95 mm
Maximum Submersible depth:	200m

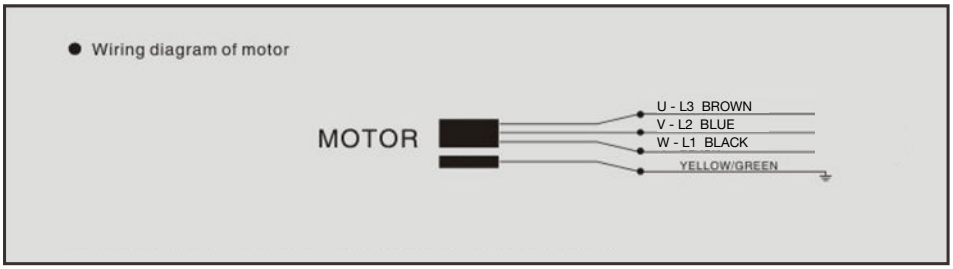
With sand proof cover/pressure balance membrane/ mechanical seal for high performance.
Flange and coupling according to NEMA standard.

Motor dimensions



TYPE	MOTOR POWER		RUNNING	DIMENSIONS	
Single Phase 220V~/50HZ	kW	HP	Amps	Length (mm)	Weight (kg)
4SD-0.37	0.37	0.5	2.8	314	6.7
4SD-0.55	0.55	0.75	3.6	329	7.3
4SD-0.75	0.75	1.0	4	344	8.0
4SD-1.1	1.1	1.5	5.9	399	10.6
4SD-1.5	1.5	2.0	7.8	424	11.7
4SD-2.2	2.2	3.0	11.6	344	8.0

Motor wiring



Note: These motors make use of our TGP inverters

Cable Size Chart

220V SINGLE PHASE									
mm²	Cable Size (mm²)								
	1.5	2.5	4	6	10	16	25	35	50
0.37kW	120	200	320	480	810	1260	1900	2590	3580
0.55kW	80	13	220	320	550	850	1290	1760	2430
0.75kW	60	100	170	250	430	670	1010	1380	1910
1.1kW	40	70	120	180	300	470	710	960	1360
1.5kW	30	60	90	130	230	360	550	760	1060
2.2kW	20	40	60	90	150	230	350	490	680

220V THREE PHASE									
mm²	Cable Size (mm²)								
	1.5	2.5	4	6	10	16	25	35	50
0.37kW	470	783	1253	1879	-	-	-	-	-
0.55kW	319	534	858	1293	2192	-	-	-	-
0.75kW	238	394	632	951	1612	-	-	-	-
1.1kW	174	290	470	702	1195	1856	-	-	-
1.5kW	128	215	342	510	870	1357	2065		-
2.2kW	87	145	232	348	597	928	1415	1943	