4” OIL FILLED MOTOR

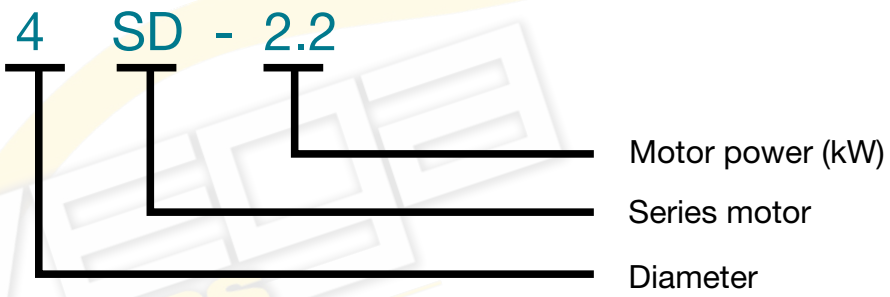
380V Three phase

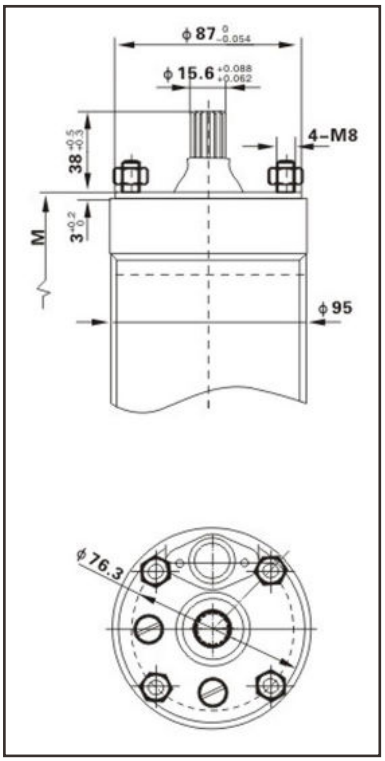


Motor technical data

Three phase power:	0.37 to 7.5kW
Speed:	2850rpm
Voltage:	380 ~ 415V/50Hz
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 Three Phase 380V~/50HZ	MOTOR POWER			DIMENSIONS	
	kW	HP	RUNNING AMPS	Length (mm)	Weight (kg)
4SD - 0.37	0.37	0.5	1.5	314	6.7
4SD - 0.55	0.55	0.75	1.8	329	7.3
4SD - 0.75	0.75	1.0	2.5	344	8
4SD - 1.1	1.1	1.5	3.2	379	9.8
4SD - 1.5	1.5	2.0	4.3	424	11.7
4SD - 2.2	2.2	3.0	6.0	514	15.7
4SD - 3	3.0	4.0	8.0	594	19.8
4SD- 4	4.0	5.5	10.0	698	23.7
4SD - 5.5	5.5	7.5	13.0	788	28
4SD - 7.5	7.5	10.0	17.0	908	34

TECHNICAL DATA

CSR PERFORMANCE DATA OF THREE PHASE MOTORS (380VOLT/50HZ)

P_N		THRUST LOAD	V_N	n_N	I_N	I_A	η (%)			COSφ			T_N	T_A
(kW)	(HP)	(N)	(V)	rpm	(A)	(A)	50% rated load	75% rated load	100% rated load	50% rated load	75% rated load	100% rated load	(Nm)	(Nm)
0.55	0.75	1500	380	-	1.60	6.00	61	67	67	0.59	0.72	0.80	1.90	3.10
0.75	1	1500	380	2850	2.10	8.90	63	68	70	0.57	0.70	0.79	2.50	4.80
1.1	1.5	3000	380	-	3.00	13.80	69	72	72	0.59	0.73	0.81	3.80	9.60
1.5	2	3000	380	-	3.90	18.60	69	72	73	0.59	0.72	0.81	5.00	11.30
2.2	3	4000	380	-	5.80	28.70	72	75	75	0.58	0.72	0.81	7.60	21.70
3	4	4000	380	-	8.80	30.60	69	72	70	0.59	0.72	0.83	10.50	21.44
4	5.5	4000	380	-	10.80	32.30	63	67	70	0.73	0.79	0.83	13.40	21.24
5.5	7.5	4000	380	-	14.80	50.50	70	73	74	0.75	0.79	0.84	18.93	37.18
7.5	10	4000	380	2850	18.00	61.00	71	72	73	0.99	0.95	0.91	24.60	45.00

P_N - Rated Output Power
V_N - Rated Voltage
n_N - RPM
I_N - Full Load Current
I_A - Starting Current
η - Motor Efficiency
cosϕ - Power Factor
T_N - Full Load Torque
T_A - Starting Torque
$F_{[N[}$ - Axial Thrust Load

Cable Size Chart

380V THREE PHASE									
mm²	Cable Size (mm²)								
	1.5	2.5	4	6	10	16	25	35	50
0.37kW	810	1350	2160	3240	-	-	-	-	-
0.55kW	550	920	1480	2230	3780	-	-	-	-
0.75kW	410	680	1090	1640	2780	-	-	-	-
1.1kW	300	500	810	1210	2060	3200	-	-	-
1.5kW	220	370	590	880	1500	2340	3560	-	-
2.2kW	150	250	400	600	1030	1600	2440	3350	-
3W	113	188	300	447	736	1190	1859	2603	3719
4kW	89	147	235	350	578	909	1447	2025	2750
5.5kW	60	110	170	260	440	690	1060	1450	2030
7.5kW	50	80	130	200	340	530	810	1110	1560