

OMSJ6 SERIES 6" WATER-FILLED SUBMERSIBLE MOTORS

- The robust design and choice of component materials ensure optimum operating performances, superior quality, reliability and ease of installation.

SPECIFICATIONS

- Shaft extension and couplings meet NEMA standards.
- Rewindable stator.
- Winding insulation: Class Y.
- Protection grade: IP68.
- Bigger compensation bellows for internal liquid expansion for severe operation condition.
- Oversized thrust bearings: Shaft supported by oversized thrust bearings which can support thrust load up to 15500 N.
- Mechanical seal: reliable, long service, more resistant to sand.
- Filling fluid: water mixed with non-toxic anti-freeze glycol, provides cooling and lubrication, also protects and prevents parts inside from corrosion.
- Maximum immersion depth: 200 m .
- Maximum number of starts per hour at regular intervals: 10.
- Maximum allowable voltage fluctuations over the rated voltage: $\pm 7\%$.

VERSION

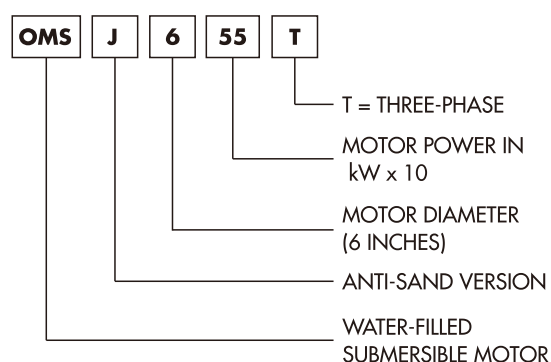
- Three-phase from 3 to 45 kW, 380 V/50 Hz.

OPTIONAL FEATURES

- Different voltage and frequency.
- Different material.
- Motors with double cable outlets for star/delta start.



IDENTIFICATION CODE

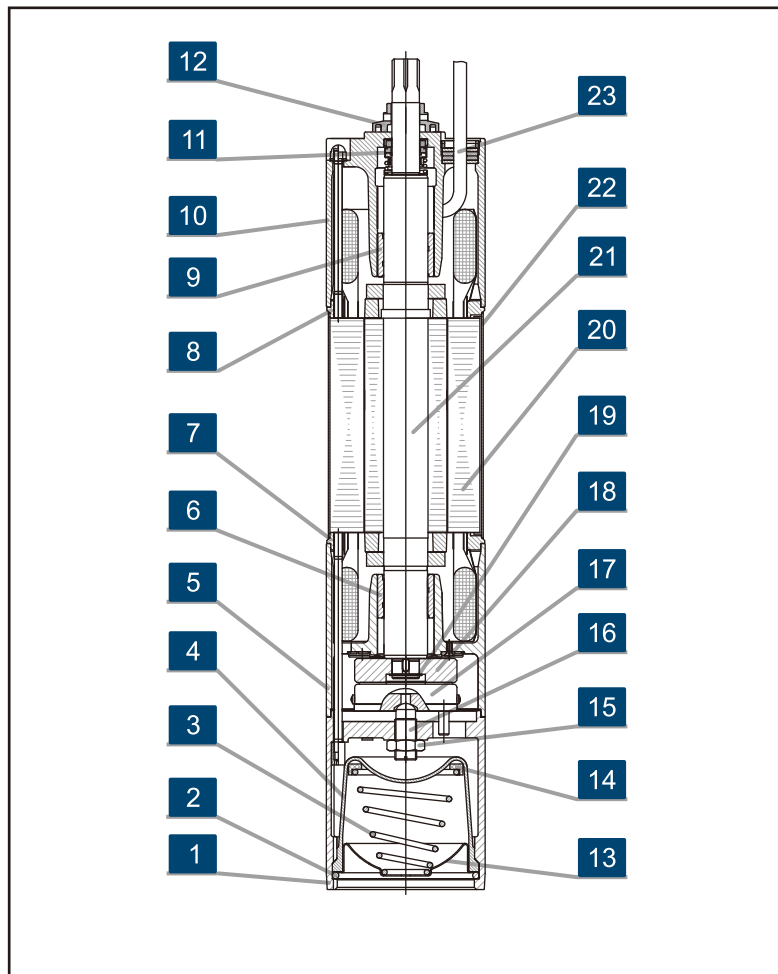


EXAMPLE OF MOTOR TYPE

OMSJ655T

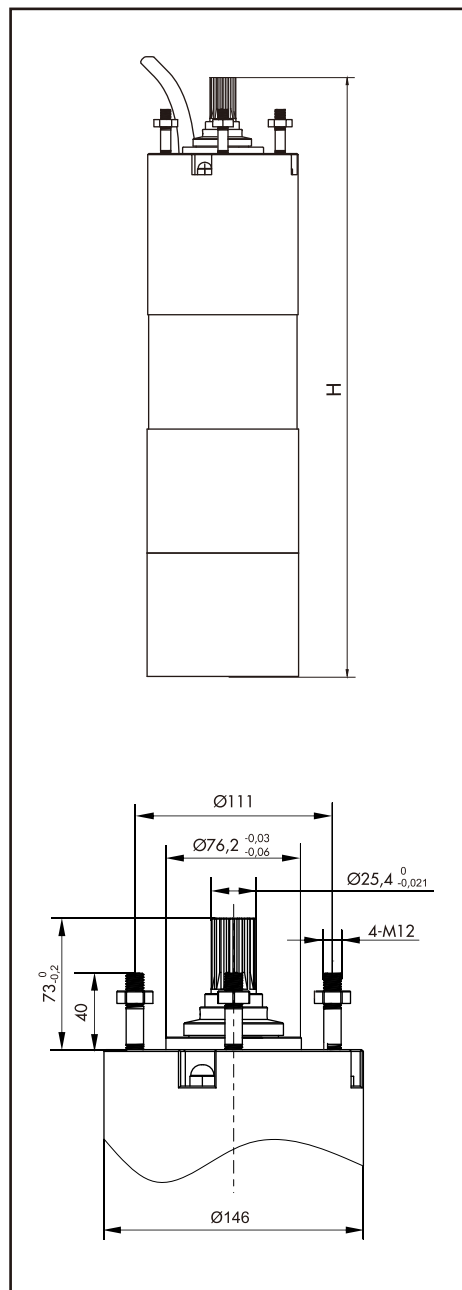
6" water-filled submersible motor, anti-sand version , three-phase, 5,5kW(7.5HP).

OMSJ6 SERIES MOTOR CROSS SECTION AND TABLE OF MATERIAL



REF.N.	PART	MATERIAL	STANDARD
1	Base	Cast iron	ASTM 35A
2	Snap ring	Stainless steel	AISI 304
3	Conical spring	Stainless steel	AISI 304
4	Compensation bellow	NBR	-----
5	Lower support	Cast iron	ASTM 30A
6	Bush bearing	Graphite	-----
7	Upper flange	Stainless steel	AISI 304
8	Upper flange	Stainless steel	AISI 304
9	Bush bearing	Graphite	-----
10	Upper support	Cast iron	ASTM 30A
11	Mechanical seal	-----	-----
12	Sand protection	Stainless steel	-----
13	Gland	Stainless steel	AISI 304
14	Tower spring seat	-----	-----
15	Nut	Steel	-----
16	Ball Screw	Steel	-----
17	Thrust bearing	-----	-----
18	Thrust disk	-----	-----
19	Ring	Stainless steel	AISI 304
20	Stator	-----	-----
21	Rotor	-----	-----
22	Motor casing	Stainless steel	-----
23	Cable	-----	-----

DIMENSIONS AND WEIGHTS AT 50 Hz



MOTOR TYPE	RATED POWER		H mm	WEIGHT kg
	kW	Hp		
OMSJ630T	3	4	726,4	41
OMSJ640T	4	5,5	756,4	45
OMSJ655T	5,5	7,5	756,4	45
OMSJ675T	7,5	10	776,4	47
OMSJ692T	9,2	12,5	826,4	52
OMSJ6110T	11	15	836,4	55
OMSJ6130T	13	17,5	866,4	58
OMSJ6150T	15	20	946,4	67
OMSJ6185T	18,5	25	1006,4	75
OMSJ6220T	22	30	1091,4	85
OMSJ6250T	25	35	1156,4	92
OMSJ6300T	30	40	1241,4	102
OMSJ6370T	37	50	1406,4	120
OMSJ6450T	45	60	1466,4	127