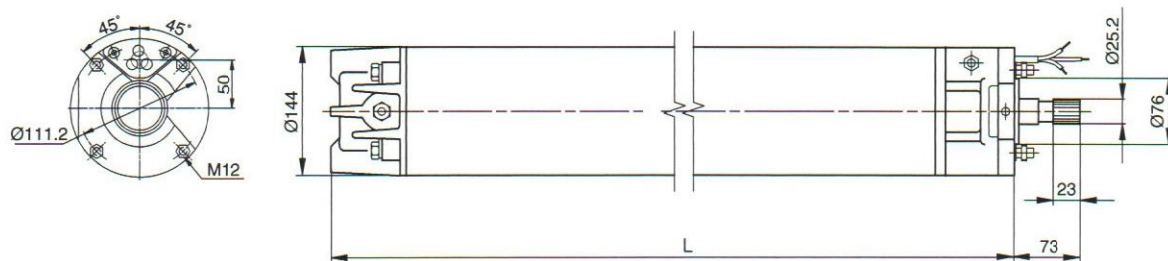


MMS 6000 (N)



TM01 7325 3505

Motor power		L [mm]	Weight [kg]	Shipping volume [m ³]
P ₂ [kW]	P ₂ [hp]			
3.7	5.0	630	45	0.077
5.5	7.5	660	48	0.077
7.5	10	690	50	0.077
9.2	12.5	720	55	0.077
11	15	780	60	0.077
13	17.5	915	72	0.108
15	20	975	78	0.108
18.5	25	1085	90	0.108
22	30	1195	100	0.108
26	35	1315	115	0.123
30	40	1425	125	0.123
37	50	1425	125	0.123

Cables

The 6" motors are connected by means of three single-core cables, approved for use with drinking water. All cables are round.

The cable outlet of star-delta motors are displaced by 90°.

Being an integrated part of the motor, the motor cable cannot be fitted/removed once the motor is assembled.

Cable length: 5 m.

Note: Sizing of the motor cable requires that it is submerged in water.

Motor power		Cross-section [mm ²]									
		3 x 220 V, 60 Hz		3 x 220-230 V, 50 Hz		3 x 380-415 V, 50 Hz 3 x 460 V, 60 Hz		3 x 500 V, 50 Hz		3 x 380 V, 60 Hz	
		DOL	SD	DOL	SD	DOL	SD	DOL	SD	DOL	SD
P ₂ [kW]	P ₂ [hp]	3 x 1	6 x 1	3 x 1	6 x 1	3 x 1	6 x 1	3 x 1	6 x 1	3 x 1	6 x 1
3.7	5.0	6		6	6	6	6			6	
5.5	7.5	6		6	6	6	6			6	
7.5	10	6		6	6	6	6	6	6	6	
9.2	12.5	6		6	6	6	6	6	6	6	
11	15	6		6	6	6	6	6	6	6	
13	17.5	6		6	6	6	6	6	6	6	
15	20	6		6	6	6	6	6	6	6	
18.5	25	10		10	6	6	6	6	6	6	
22	30	10		10	6	6	6	6	6	6	
26	35	10		10	6	10	6	10	6	10	
30	40	10		10	6	10	6	10	6	10	
37	50		10		10	10	6	10	6	10	6

Outer dimensions

Cross-section [mm ²]	Type of cable	Outer dimensions, max. [mm]
6	Round	8.1
10	Round	8.8

3 x 380 V, 50 Hz

Type	Motor		Full-load current I_n [A]	Motor efficiency [%]			Power factor			$\frac{I_{st}}{I_n}$	
	Size	Power [kW]		Power [hp]	η 50%	η 75%	η 100%	Cos φ 50%	Cos φ 75%		Cos φ 100%
MMS 6000 (N)	6"	3.70	5.0	10.0	69	71	69	0.70	0.80	0.84	3.7
		5.50	7.5	14.4	76	76	74	0.70	0.80	0.83	3.5
		7.50	10	18.6	79	79	77	0.69	0.79	0.84	3.5
		9.20	12.5	22.8	78	79	76	0.72	0.81	0.85	3.3
		11.0	15	27.0	79	79	77	0.73	0.82	0.85	3.5
		13.0	17.5	30.5	82	82	79	0.72	0.82	0.85	3.6
		15.0	20	35.0	83	82	80	0.74	0.83	0.86	3.7
		18.5	25	40.5	85	85	84	0.73	0.83	0.87	5.1
		22.0	30	48.5	85	85	84	0.74	0.83	0.87	4.9
		26.0	35	57.0	86	85	83	0.76	0.85	0.88	4.5
MMS 8000 (N)	8"	30.0	40	65.5	86	85	83	0.76	0.84	0.87	4.5
		37.0	50	83.0	85	85	82	0.71	0.81	0.85	4.2
		22.0	30	50.0	80	82	82	0.78	0.84	0.86	4.8
		26.0	35	59.0	80	82	81	0.80	0.86	0.87	4.5
		30.0	40	66.5	82	84	83	0.79	0.85	0.87	5.2
		37.0	50	81.5	83	84	84	0.79	0.85	0.87	5.3
		45.0	60	95.5	85	86	86	0.76	0.84	0.88	5.6
		55.0	75	116	85	86	86	0.79	0.86	0.88	5.4
		63.0	85	132	86	87	86	0.78	0.86	0.89	5.4
		75.0	100	156	86	87	86	0.78	0.85	0.89	5.2
MMS 10000 (N)	10"	92.0	125	194	87	88	86	0.80	0.86	0.88	5.2
		110	150	230	86	87	86	0.80	0.87	0.89	5.2
		75.0	100	160	85	87	87	0.77	0.84	0.86	5.3
		92.0	125	198	85	87	87	0.75	0.83	0.85	5.2
		110	150	323	85	87	87	0.77	0.84	0.86	5.4
		132	180	275	86	88	88	0.79	0.85	0.87	5.3
		147	200	315	85	87	88	0.73	0.82	0.85	5.8
MMS 12000 (N)	12"	170	230	365	85	87	87	0.73	0.82	0.85	5.7
		190	260	420	85	87	87	0.69	0.79	0.84	5.8
		147	200	310	84	87	88	0.75	0.83	0.87	5.9
		170	230	350	85	87	88	0.77	0.85	0.88	5.8
		190	260	390	85	88	88	0.77	0.85	0.88	5.8
220	300	450	86	88	88	0.78	0.85	0.89	5.8		
250	340	515	86	88	88	0.78	0.86	0.89	5.4		