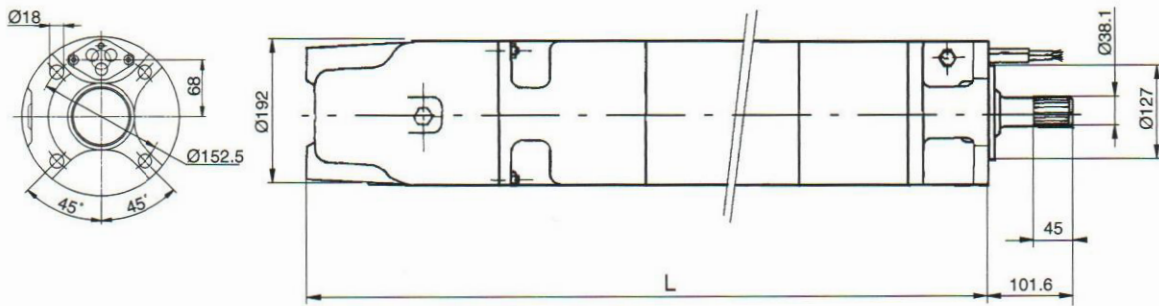


MMS 8000 (N)



TM01 7326 1104

Motor power		L [mm]	Weight [kg]	Shipping volume [m ³]
P ₂ [kW]	P ₂ [hp]			
22	30	1010	126	0.156
26	35	1050	134	0.156
30	40	1110	146	0.156
37	50	1160	156	0.156
45	60	1270	177	0.156
55	75	1350	192	0.187
63	85	1490	218	0.187
75	100	1590	237	0.187
92	125	1830	283	0.239
110	150	2060	333	0.239

Cables
The 8" 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: 8 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 575 V, 60 Hz		3 x 380 V, 60 Hz	
P ₂ [kW]	P ₂ [hp]	DOL	SD	DOL	SD	DOL	SD	DOL	SD	DOL	SD
		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
22	30	16	10	16	10	16	10	16	10	16	10
26	35	16	10	16	10	16	10	16	10	16	10
30	40	16	10	16	10	16	10	16	10	16	10
37	50	16	16	16	16	16	10	16	10	16	10
45	60	25	16	25	16	16	10	16	10	16	16
55	75	25	16	25	16	16	16	16	16	16	16
63	85	25	16	25	16	16	16	16	16	16	16
75	100	25	16			16	16	16	16	16	16
92	125					25	16	25	16	25	16
110	150					25	16	25	16	25	16

Outer dimensions

Cross-section [mm ²]	Type of cable	Outer dimensions, max. [mm]
10	Round	8.8
16	Round	10.7
25	Round	12.1

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
		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
MMS 8000 (N)	8"	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		