

# M10-SP160

Stainless Steel Pump  
Mixed Flow

**MAT**  
Manufacturing and Trading enterprises sl

## Technical Data

3x400 V / 50 Hz / 2900 rpm

Pump Type	Motor Type	Motor Power		Current [ 400 V ]	Max. Pump Dia	Outlet Diameter	Pump Length	Pump Weight	[ Q ] Capacity										
									[ Imp - GPM ]										
		P <sub>N</sub>		I <sub>N</sub>	Ø Max <sub>p</sub>	Ø D	L <sub>p</sub>	W <sub>p</sub>	[ US - GPM ]										
		[ kW ]	[ HP ]	[ A ]	[ mm ]	[ ?nch ]	[ mm ]	[ kg ]	[ l/s ]	[ m³/h ]									
M10-SP160 / 01	M6	13	17,5	29,6	Ø 226	Rp 6 (6" Inside Threaded 11 TPI )	666	39	Total Manometric Head [ m ]	29	30	28	26	24	22	21	19	16	13
M10-SP160 / 02	M6	26	35	56,7			821	45		59	59	56	51	47	44	41	38	32	25
M10-SP160 / 03	M8	37	50	76,0			977	51		88	89	84	77	71	66	62	57	48	38
M10-SP160 / 04	M8	55	75	110,0			1132	58		117	118	112	103	94	88	83	76	65	50
M10-SP160 / 05	M8	63	85	125,0			1288	64		147	148	140	129	118	110	103	95	81	63
M10-SP160 / 06	M8	75	100	148,0			1443	70		176	177	168	154	141	132	124	114	97	75
M10-SP160 / 07	M10	92	125	180,0			1599	77		205	207	196	180	165	154	144	133	113	88
M10-SP160 / 08	M10	92	125	180,0			1754	83		235	236	224	206	188	176	165	152	129	100
M10-SP160 / 09	M10	110	150	211,0			1910	89		264	266	252	231	212	198	186	171	145	113
M10-SP160 / 10	M10	129	175	249,0			2065	96		293	296	280	257	235	220	206	190	161	125
M10-SP160 / 11	M10	129	175	249,0			2221	102		323	325	308	283	259	241	227	208	177	138
M10-SP160 / 12	M10	147	200	284,0			2376	108		352	355	336	308	282	263	248	227	194	150
M10-SP160 / 13	M10	166	225	318,0			2532	114		381	384	364	334	306	285	268	246	210	163
M10-SP160 / 14	M10	166	225	318,0			2687	121		411	414	392	360	329	307	289	265	226	175
M10-SP160 / 15	M10	185	250	358,0			2843	127		440	443	420	386	353	329	309	284	242	188

Performance Tolerances : EN ISO 9906

## Working Conditions

Operating Voltage : 3 x 380V - 400V - 415V ( - %10 / +%6 )  
 Frequency : 50 Hz  
 Max. Water Temp. : 40 °C  
 Max. Sand Amount : 50 g / m³  
 Rotation : Counterclockwise  
 Rotational Speed : 2900 rpm  
 Shaft Diameter : Ø 32 mm  
 Shaft End : According to NEMA Standard

## Performance Parameters

Atmospheric Pressure : 1 Bar  
 Water Temp. : 15 °C  
 Kinematic Viscosity : 1 mm² / s  
 Specific Density : 1000 kg / m³

### Performance Curves

