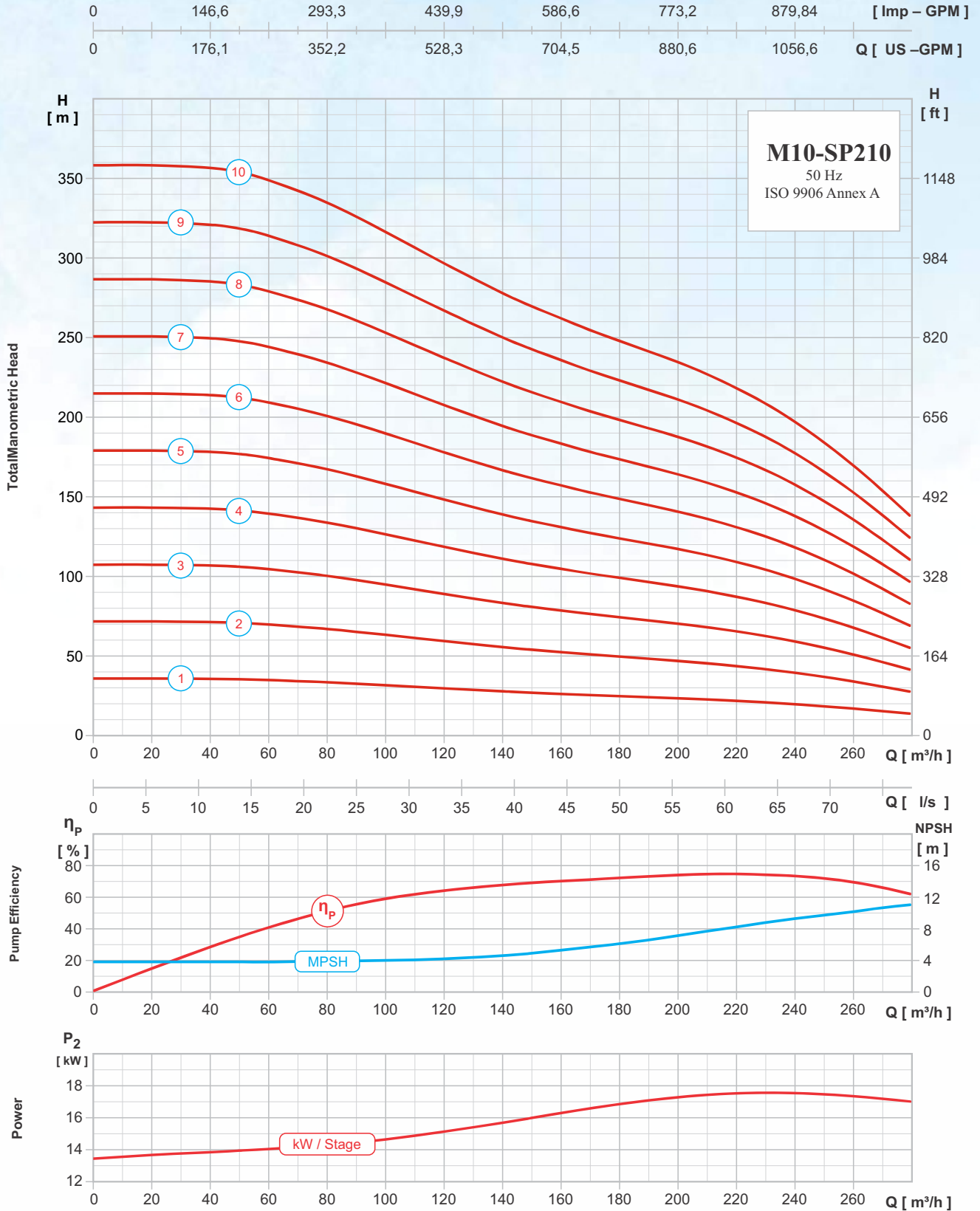


Performance Curves



M10-SP210

Stainless Steel Pump
Mixed Flow

MAT
Manufacturing and Trading enterprises si

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										
									[l/s]										
		P _N		I _N	Ø Max _p	Ø D	L _p	W _p	[Imp - GPM]	0	183,3	366,6	549,9	623,2	696,6	769,9	843,2	916,5	989,9
		[kW]	[HP]	[A]	[mm]	[?nch]	[mm]	[kg]	[US - GPM]	0	220,1	440,3	660,4	748,5	836,5	924,6	1012,7	1100,7	1188,8
M10-SP210 / 01	M6	18,5	25	42,0	Ø 247	Rp 6 (6" Inside Threaded 11 TPI)	762	51	[H] Total Manometric Head [m]	36	35	32	27	26	24	23	21	19	16
M10-SP210 / 02	M8	37	50	76,0			938	61		72	71	63	54	51	48	46	42	37	31
M10-SP210 / 03	M8	55	75	110,0			1114	72		107	106	95	81	77	73	68	63	56	47
M10-SP210 / 04	M8	75	100	148,0			1290	83		143	142	127	108	102	97	91	84	74	62
M10-SP210 / 05	M10	92	125	180,0			1466	94		179	177	158	135	128	121	114	105	93	78
M10-SP210 / 06	M10	110	150	211,0			1642	105		215	212	190	162	153	145	137	126	111	93
M10-SP210 / 07	M10	129	175	249,0			1818	115		251	248	222	189	179	169	159	146	130	109
M10-SP210 / 08	M10	147	200	284,0			1994	126		287	283	253	216	204	193	182	167	148	124
M10-SP210 / 09	M10	166	225	318,0			2170	137		322	319	285	243	230	218	205	188	167	140
M10-SP210 / 10	M10	185	250	358,0			2346	148		358	354	317	270	255	242	228	209	185	155

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 45 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