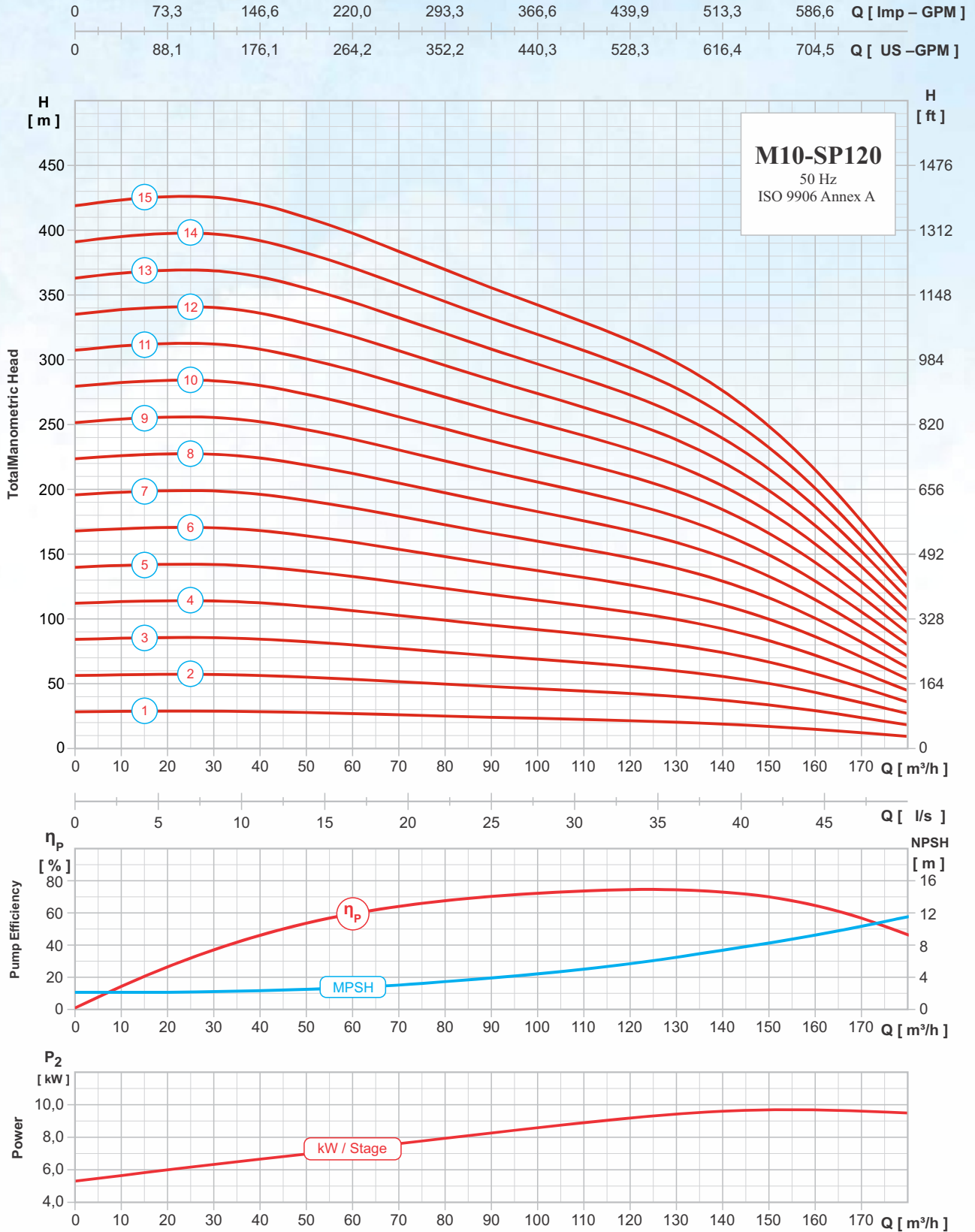


Performance Curves



M10-SP120

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 _N		I _N	Ø Max _P	Ø D	L _P	W _P	[US - GPM]										
		[kW]	[HP]	[A]	[mm]	[?nch]	[mm]	[kg]	[l/s]	[m³/h]									
M10-SP120 / 01	M6	11	15	25,2	Ø 226	Rp 6 (6" Inside Threaded 11 TPI)	666	39	Total Manometric Head [m]	28	27	26	24	22	21	20	18	17	14
M10-SP120 / 02	M6	22	30	49,0			821	45		56	55	51	47	44	42	40	37	33	29
M10-SP120 / 03	M8	30	40	60,0			977	51		84	82	77	71	66	63	60	55	50	43
M10-SP120 / 04	M8	45	60	90,0			1132	58		112	109	102	95	88	84	80	74	67	58
M10-SP120 / 05	M8	55	75	110,0			1288	64		140	137	128	119	110	105	100	92	83	72
M10-SP120 / 06	M8	63	85	125,0			1443	70		168	164	154	142	132	126	119	111	100	87
M10-SP120 / 07	M8	75	100	148,0			1599	77		196	191	179	166	154	147	139	129	117	101
M10-SP120 / 08	M10	81	110	159,0			1754	83		223	219	205	190	176	168	159	148	133	115
M10-SP120 / 09	M10	92	125	180,0			1910	89		251	246	230	214	198	189	179	166	150	130
M10-SP120 / 10	M10	110	150	211,0			2065	96		279	273	256	237	220	210	199	185	167	144
M10-SP120 / 11	M10	110	150	211,0			2221	102		307	301	282	261	242	231	219	203	183	159
M10-SP120 / 12	M10	129	175	249,0			2376	108		335	328	307	285	264	252	239	222	200	173
M10-SP120 / 13	M10	147	200	284,0			2532	114		363	355	333	309	286	273	259	240	217	188
M10-SP120 / 14	M10	147	200	284,0			2687	121		391	383	358	332	308	294	279	259	233	202
M10-SP120 / 15	M10	166	225	318,0			2843	127		419	410	384	356	329	315	299	277	250	217

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