

The Symbol of Quality



Stainless Steel Submersible Pumps

Performance Data Book



AISI 304

50 Hz.

www.mascotpumps.com

MASCOT PUMP LTD.



Mascot Pump Ltd, is engaged in manufacturing of entire range of Submersible Pump Set for Domestic as well as agriculture & Industries since last 4 decade. We are specialised in manufacturing of fabricated stainless steel 304 Grade submersible pumps under the brand name of “MASCOT PUMP” in India.

Mascot Pump Ltd has three manufacturing plants in Ahmedabad, India. All three plants are equipped with modern machine like CNC Turning Machine, Hydraulic presses, Spot and Projection Welding Machines, Balancing Machines, Grinding and Burnishing Machine.

Mascot is also equipped with quality controlled instrument, gauges and fixtures to measure dimensional, form, and surface finish. Mascot also has fully equipped Automatic Pump testing facilities to measure performance of motors, pumps and pump sets.

Mascot Electric Submersible Pumps & Motors as well as SOLAR pumps are not only sold all over India though 8 Branch office but are also Exported to over 15+ Countries .

Mascot Pump Ltd is an ISO: 9001 Certified company accredited by DNV GL confirming IS: 8034, IS: 14220 and IS: 9079. CE certification. The 300+ dedicated workforce produce yearly 180,000 Pumps included 4” to 10” Borehole pumps and Oil Filled & Water filled motors, Centrifugal monoblock, Open Well Pumps, Domestic self priming pumps and range of industrial pumps.

Mascot Pump Ltd is the first & only electric motor mfg company with “ZERO DEFECT ZERO EFFECT” (ZED) certification.

QUALITY POLICY

“MASCOT” Aims to meet customer requirements and expectations by supply quality product on schedule time and continually improve the effectiveness of the quality management system.





CONTENT

Stainless steel submersible bore well pumps

Product Data	4
Performance Range	5
Product Range	6
Construction	7
Technical Data	
MSP2	8
MSP3	10
MSP5	12
MSP8	14
MSP14	16
MSP12	18
MSP14A	22
MSP17	26
MSP30	30
MSP46	34
MSP60	38
MSP77	42
MSP95	46
MSP125	50
MSP160	54
MSP215	56
Technical Data	
Rewindable Submersible Motors	58-59



Product Data

Stainless steel submersible bore well pumps

Introduction

Submersible bore well pumps for 4" wells (DN 100mm), 6" (DN 150mm), 8" (DN 200mm), 10" (DN 250mm) are constructed out of stainless steel AISI 304 (stainless steel AISI 316 material available on request)

Size for connection to the motor according NEMA standards up to 8" motor joining.

Delivery casing with built-in non-return valve.

Impellers:

Radial flow impellers

- 4": MSP2, MSP3, MSP5

Mixed flow impellers

- 4": MSP8, MSP14
- 6": MSP12, MSP14A, MSP17, MSP30, MSP46, MSP60
- 8": MSP77, MSP95
- 10": MSP125, MSP160, MSP215

Connection:

Screwed pipe connection with BSP thread as standard.

NPT thread pipe connection are available on request.

Operating conditions

- Flow range : Max. 282 m³/h
- Head range : Max. 750 m
- Liquid temperature : 0°C to +45°C
- Max. sand content into the water : 50 g/m³

Nomenclature :

Example	MSP	46	-5	-A	B	N
Type range (MSP)						
Pump type						
Number of impellers						
First impeller with reduced diameter (A, B or C)						
Second impeller with reduced diameter (A, B or C)						
Stainless steel parts of material						
= AISI 304 (DIN W.-Nr. 1.4301) (Standard construction)						
N = AISI 316 (DIN W.-Nr. 1.4401)						

Liquid suitable for pumping:

These pumps are designed for liquids which are thin, clean, non-aggressive, non-explosive, not containing solid particles or fibres.

Special versions made of stainless steel AISI 316 are available for applications involving aggressive liquids.

Curve conditions

The conditions below apply to the curves shown the following pages.

General

- Tolerances in accordance with ISO 9906, Annex A.
- The motors used for the measurement are standard motors.
- Test results with clean cold water, without gas content. Measurements have been made with airless water at a temperature of 20°C.
- Head and power values valid for liquids with density = 1.0 kg/dm³ and kinematic viscosity $\nu = \max 1 \text{ mm}^2/\text{s}$ (1 cSt).
- When pumping liquids with a density higher than that of water, motors with correspondingly higher outputs must be used.
- The QH curves apply to a rated motor speed of 2900 min⁻¹.
- The performance curves are inclusive of possible losses such as non-return valve losses.
- A safety margin of + 2 feet is recommend for the NPSH value.

4" curves

- QH: The curves are inclusive of valve and inlet losses at the actual speed.
- Power curve: The power curve shows pump power input at the actual speed for one stage.
- Efficiency curve: $\eta\%$ shows pump stage efficiency.

6", 8" & 10" curves

- QH: The curves are inclusive of valve and inlet losses at the actual speed. Operation without non-return valve will increase the actual head at nominal performance by 0.5 to 1m.
- NPSH: The curve is inclusive of suction interconnector and shows required inlet pressure.
- Power curve: The power curve shows pump power input at the actual speed for one stage.
- Efficiency curve: $\eta\%$ show pump stage efficiency.



Performance Range

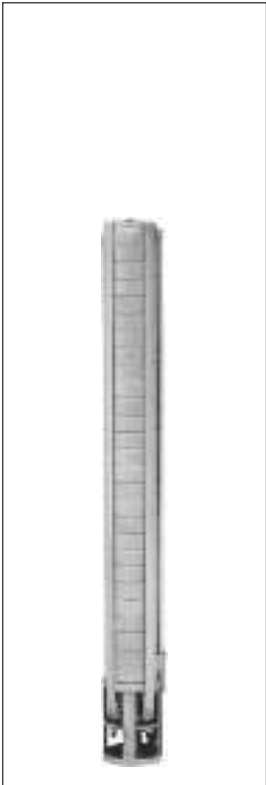
Stainless steel submersible bore well pumps

Model	Borewell Dia.	Discharge Range (m ³ /h)	Head Range (Mtrs)	Del. (BSP)
MSP2	4"	0-2.7	10-547	1 ¼"
MSP3	4"	0-4.3	10-434	1 ¼" / 1 ½"
MSP5	4"	0-6.7	9-542	¼" / 1 ½"
MSP8	4"	0-11.4	11-434	2"
MSP14	4"	0-18.8	12-164	2"
MSP12	6"	0-18.33	4-460	2½"
MSP14A	6"	0-18	6-462	2½"
MSP17	6"	0-22.1	4-671	2½"
MSP30	6"	0-39	3-565	3¾"
MSP46	6"	0-60	0-508	4"
MSP60	6"	0-79	0-323	4"
MSP77	8"	0-100	7-403	5"
MSP95	8"	0-123.8	6-423	5"
MSP125	10"	0-162.5	5-495	6"
MSP160	10"	0-217	4-161	6"
MSP215	10"	0-280	3-195	6"

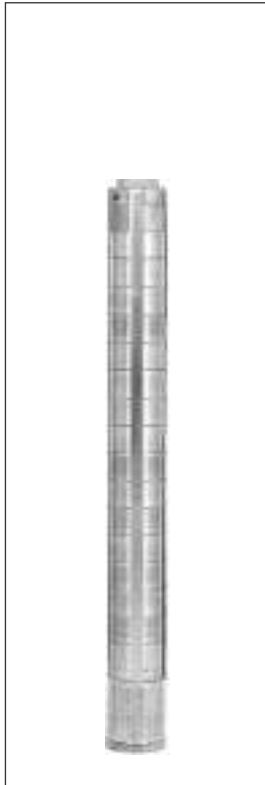


Product Range

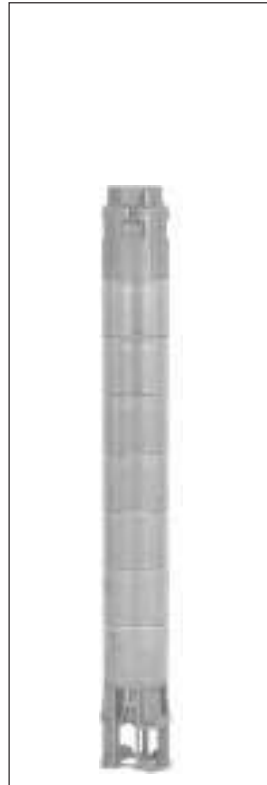
Stainless steel submersible bore well pumps



**MSP2, MSP3
& MSP5**



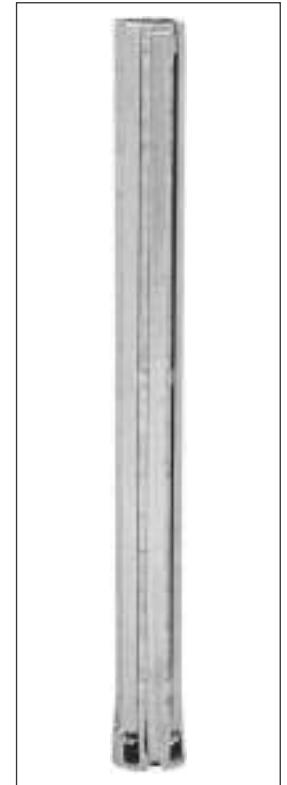
MSP8



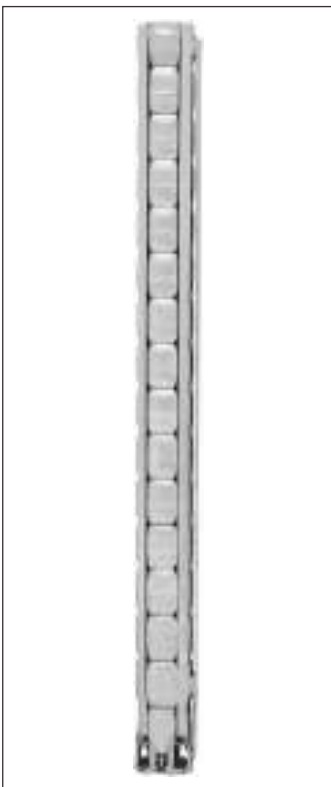
MSP14



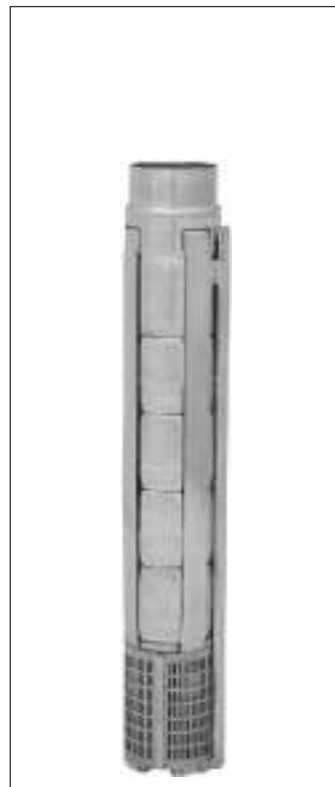
MSP12, 14A, 17



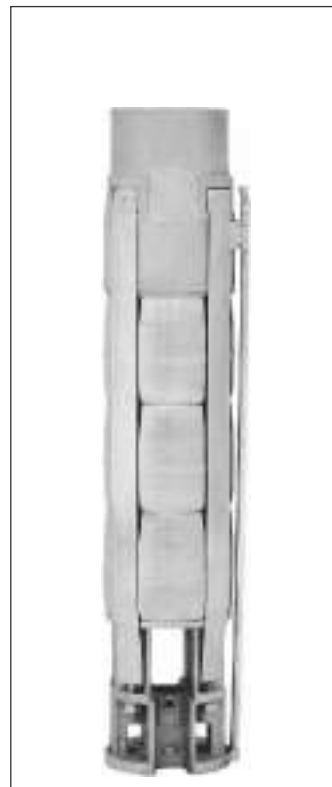
MSP30



MSP46 & MSP60



MSP77 & MSP95



MSP125 & MSP160



MSP215

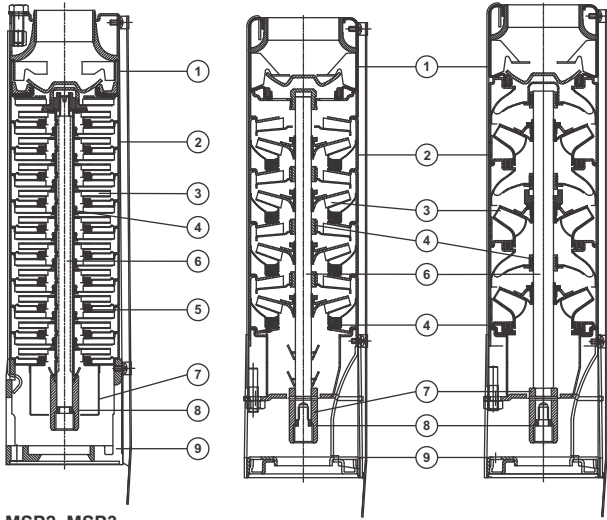


Construction

Stainless steel submersible bore well pumps

Sectional drawing & Materials

4" Stainless steel submersible bore well pumps



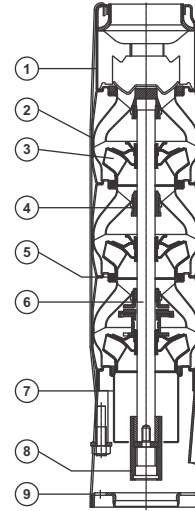
MSP2, MSP3,
MSP5

MSP8

MSP14

Pos.	Component	Material
1	Delivery casing	Stainless steel AISI 304 / CF8
2	Diffuser	Stainless steel AISI 304
3	Impeller	Stainless steel AISI 304
4	Bearing	NBR
5	Neck ring	NBR
6	Pump shaft	Stainless steel AISI 431 / 410
7	Strainer	Stainless steel AISI 304
8	Coupling	Stainless steel AISI 304
9	Suction inter connector	Stainless steel AISI 304 / CF8

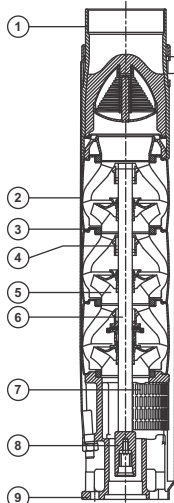
6" Stainless steel submersible bore well pumps



MSP12, MSP14A, MSP17, MSP30, MSP46, MSP60

Pos.	Component	Material
1	Delivery casing	Stainless steel AISI 304 / CF8
2	Diffuser	Stainless steel AISI 304
3	Impeller	Stainless steel AISI 304
4	Bearing	NBR
5	Neck ring	NBR
6	Pump shaft	Stainless steel AISI 431
7	Strainer	Stainless steel AISI 304
8	Coupling	Stainless steel AISI 304
9	Suction inter connector	Stainless steel AISI 304 / CF8
10	Upper Thrust	Stainless steel AISI 304 / NR

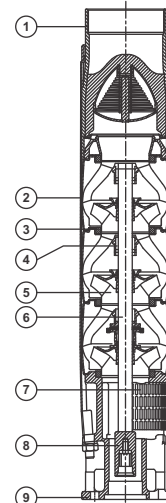
8" Stainless steel submersible bore well pumps



MSP77, MSP95

Pos.	Component	Material
1	Delivery casing	Stainless steel AISI 304 / CF8
2	Diffuser	AISI 304
3	Neck ring	NBR
4	Bearing	NBR
5	Impeller	AISI 304
6	Pump shaft	AISI 431
7	Strainer	Stainless steel AISI 304
8	Coupling	AISI 304
9	Suction inter connector	Stainless steel AISI 304 / CF8

10" Stainless steel submersible bore well pumps



MSP125, MSP160, MSP215

Pos.	Component	Material
1	Delivery casing	Stainless steel AISI 304 / CF8
2	Diffuser	Stainless steel AISI 304
3	Neck ring	NBR
4	Bearing	NBR
5	Impeller	Stainless steel AISI 304
6	Pump shaft	Stainless steel AISI 431
7	Strainer	Stainless steel AISI 304
8	Coupling	Stainless steel AISI 304
9	Suction inter connector	Stainless steel AISI 304 / CF8



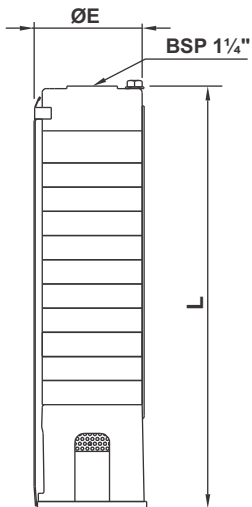
Technical Data

4" Stainless Steel Pumps

MSP2

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	0.4	1.2	1.6	1.9	2.7
				L/min	0	6.7	20	27	33	45
MSP2/6	0.37	0.50	6	H mts.	36	35	32	29	24	10
MSP2/9	0.37	0.50	9		54	52	47	41	34	14
MSP2/13	0.55	0.75	13		78	76	67	59	50	21
MSP2/18	0.75	1.00	18		108	105	93	83	69	29
MSP2/23	1.10	1.50	23		138	135	120	107	90	39
MSP2/28	1.50	2.00	28		168	165	147	132	110	48
MSP2/33	1.50	2.00	33		196	192	171	154	128	54
MSP2/40	2.20	3.00	40		245	239	213	190	158	62
MSP2/48	2.20	3.00	48		292	284	252	225	185	70
MSP2/55	3.00	4.00	55		336	327	290	260	214	85
MSP2/65	3.00	4.00	65		394	385	340	302	249	94
MSP2/75	4.00	5.50	75		458	447	397	355	293	118
MSP2/90	4.00	5.50	90		547	532	469	419	344	129



MSP2/90 is mounted in sleeve / adapter optional

Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP2/6	4"	101	410	4.0	0.0050
MSP2/9	4"	101	473	4.9	0.0057
MSP2/13	4"	101	557	6.2	0.0067
MSP2/18	4"	101	662	7.8	0.0080
MSP2/23	4"	101	767	9.4	0.0093
MSP2/28	4"	101	872	10.9	0.0106
MSP2/33	4"	101	977	12.5	0.0118
MSP2/40	4"	101	1124	14.8	0.0136
MSP2/48	4"	101	1292	17.3	0.0156
MSP2/55	4"	101	1439	19.5	0.0174
MSP2/65	4"	101	1649	34.7	0.0200
MSP2/75	4"	101	1859	37.9	0.0225
MSP2/90	4"	108	2174	42.6	0.0263

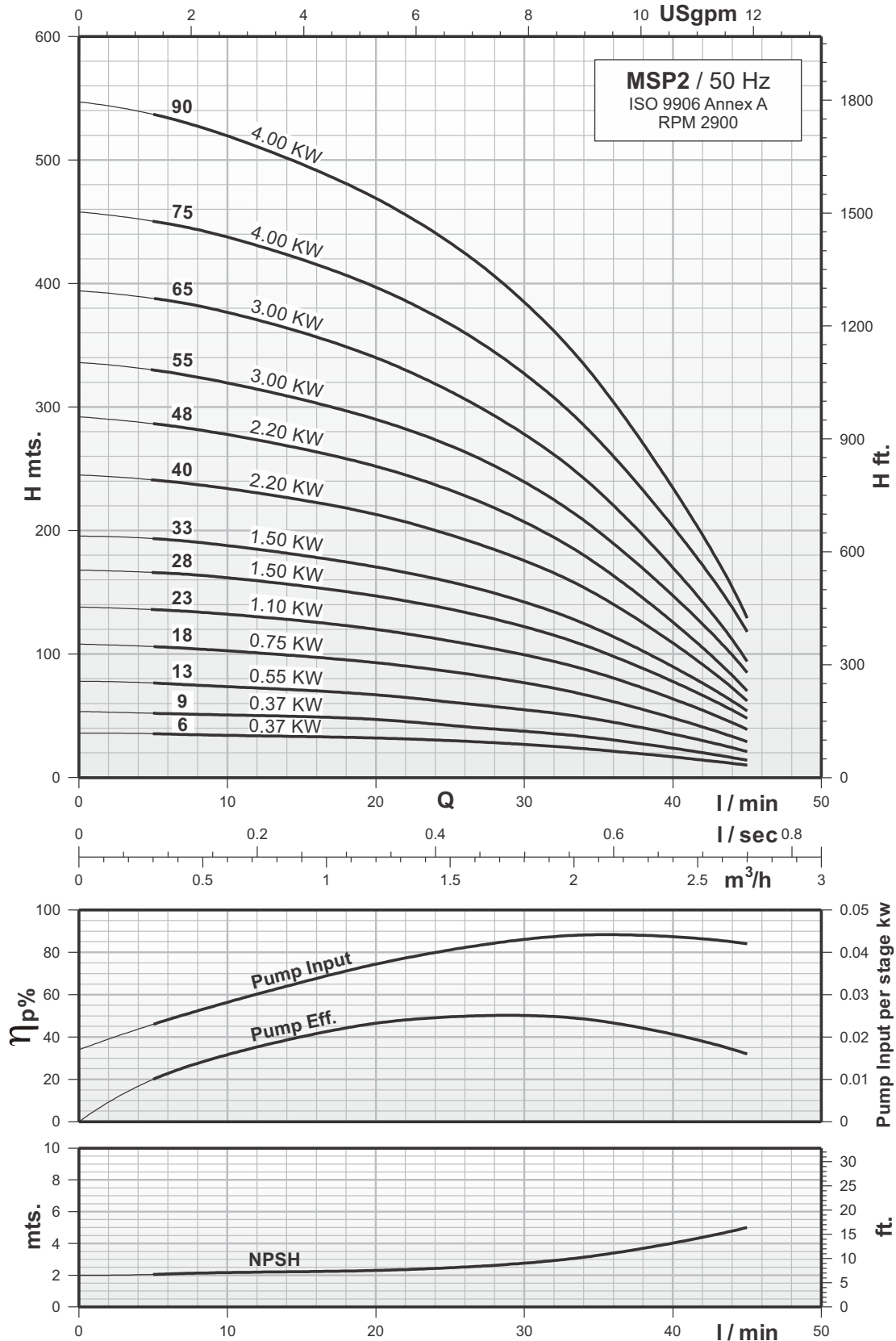


Technical Data

4" Stainless Steel Pumps

MSP2

Performance Curve





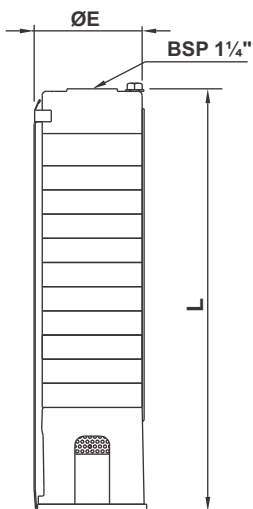
Technical Data

4" Stainless Steel Pumps

MSP3

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	0.8	1.6	2.4	3.1	4.3
				L/min	0	13	27	40	53	73
MSP3/6	0.37	0.50	6	H mts.	38	36	33	30	24	10
MSP3/9	0.55	0.75	9		57	54	50	44	36	15
MSP3/12	0.75	1.00	12		76	72	67	60	49	20
MSP3/15	1.10	1.50	15		95	90	84	76	62	26
MSP3/18	1.10	1.50	18		113	107	100	90	73	30
MSP3/22	1.50	2.00	22		139	131	122	110	89	38
MSP3/25	1.50	2.00	25		157	149	138	124	100	41
MSP3/29	2.20	3.00	29		184	174	163	147	120	52
MSP3/33	2.20	3.00	33		209	197	184	166	135	57
MSP3/39	3.00	4.00	39		246	233	220	201	170	90
MSP3/45	3.00	4.00	45		282	267	252	230	193	100
MSP3/52	4.00	5.50	52		328	310	294	269	227	120
MSP3/60	4.00	5.50	60		378	357	336	306	258	134
MSP3/75	5.50	7.50	75		434	408	378	343	291	162



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP3/6	4"	101	410	4.0	0.0050
MSP3/9	4"	101	473	4.9	0.0057
MSP3/12	4"	101	536	5.9	0.0065
MSP3/15	4"	101	599	6.8	0.0072
MSP3/18	4"	101	662	7.8	0.0080
MSP3/22	4"	101	746	9.0	0.0090
MSP3/25	4"	101	809	10.0	0.0098
MSP3/29	4"	101	893	11.3	0.0108
MSP3/33	4"	101	977	12.5	0.0118
MSP3/39	4"	101	1103	14.4	0.0133
MSP3/45	4"	101	1229	16.3	0.0149
MSP3/52	4"	101	1376	18.6	0.0166
MSP3/60	4"	101	1544	21.1	0.0187
MSP3/75	4"	101	1859	25.9	0.0225

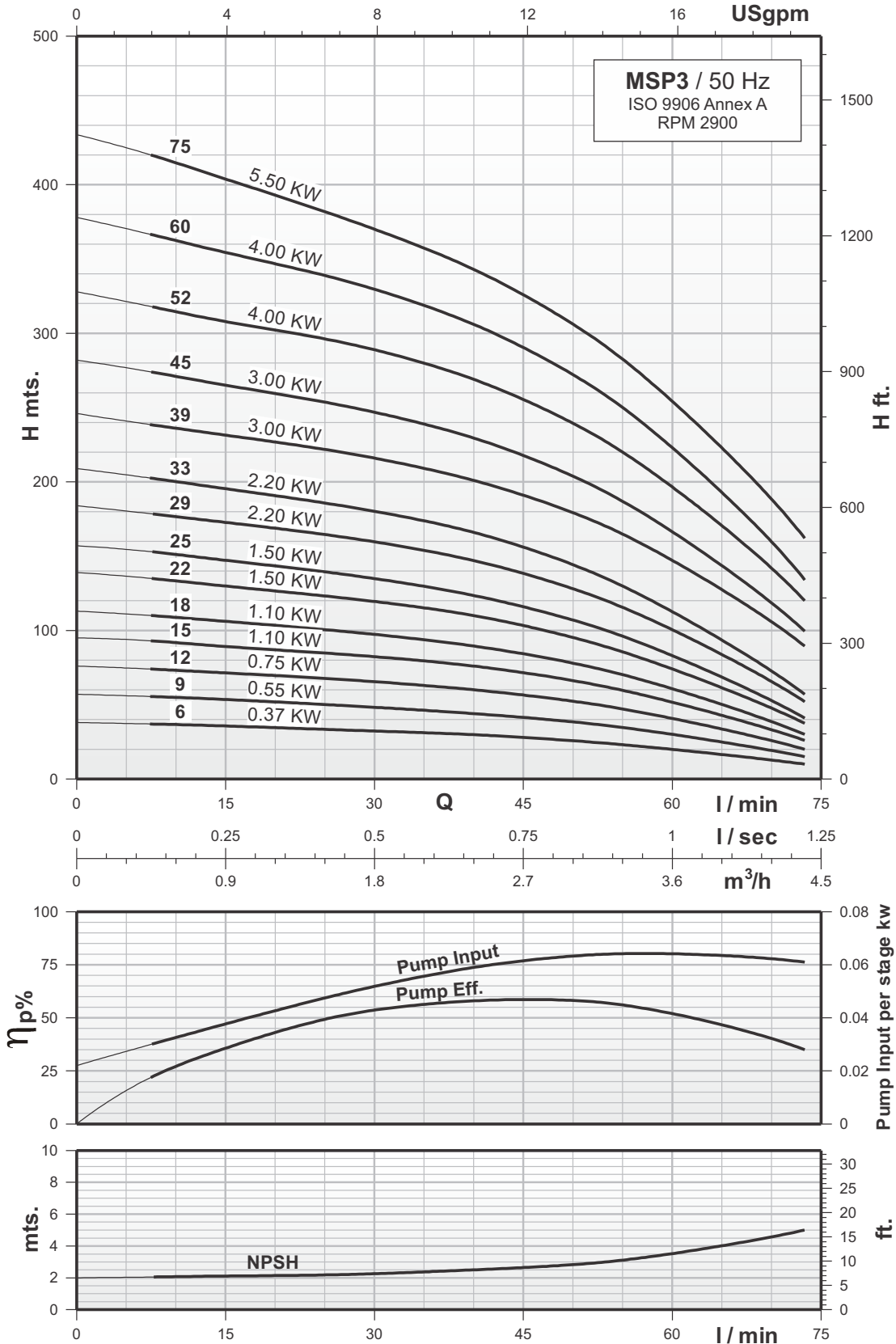


Technical Data

4" Stainless Steel Pumps

MSP3

Performance Curve





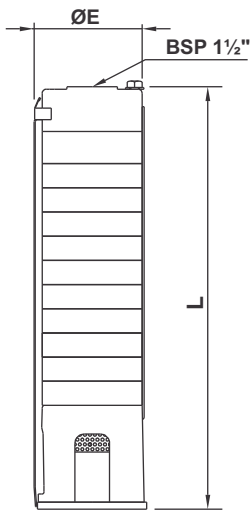
Technical Data

4" Stainless Steel Pumps

MSP5

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	0.7	2.4	4	5.5	6.7
				L/min	0	13	40	67	93	113
MSP5/4	0.37	0.50	4	H mts.	26	24	23	20	14	-
MSP5/6	0.55	0.75	6		39	36	32	29	20	11
MSP5/8	0.75	1.00	8		51	48	44	38	27	15
MSP5/12	1.10	1.50	12		77	72	65	57	40	22
MSP5/17	1.50	2.00	17		109	103	92	80	57	30
MSP5/21	2.20	3.00	21		135	127	116	100	73	40
MSP5/25	2.20	3.00	25		160	150	137	118	84	45
MSP5/33	3.00	4.00	33		211	198	179	154	110	59
MSP5/38	4.00	5.50	38		250	236	213	186	134	72
MSP5/44	4.00	5.50	44		281	265	239	207	148	80
MSP5/52	5.50	7.50	52		333	315	285	249	179	100
MSP5/60	5.50	7.50	60		384	365	326	283	202	110
MSP5/75	7.50	10.0	75		480	453	409	355	254	137
MSP5/85	7.50	10.0	85		542	510	459	397	280	150



MSP5/85 is mounted in sleeve / adapter optional

Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP5/4	4"	101	368	3.3	0.0045
MSP5/6	4"	101	410	4.0	0.0050
MSP5/8	4"	101	452	4.6	0.0055
MSP5/12	4"	101	536	5.9	0.0065
MSP5/17	4"	101	641	7.4	0.0078
MSP5/21	4"	101	725	8.7	0.0088
MSP5/25	4"	101	809	10.0	0.0098
MSP5/33	4"	101	977	12.5	0.0118
MSP5/38	4"	101	1082	14.1	0.0131
MSP5/44	4"	101	1208	16.0	0.0146
MSP5/52	4"	101	1376	18.6	0.0166
MSP5/60	4"	101	1544	21.1	0.0187
MSP5/75	4"	101	1859	25.9	0.0225
MSP5/85	4"	108	2069	29.1	0.0250

MSP5/75	6"	142	2159	26.9	0.0864
MSP5/85	6"	142	2369	30.1	0.0948

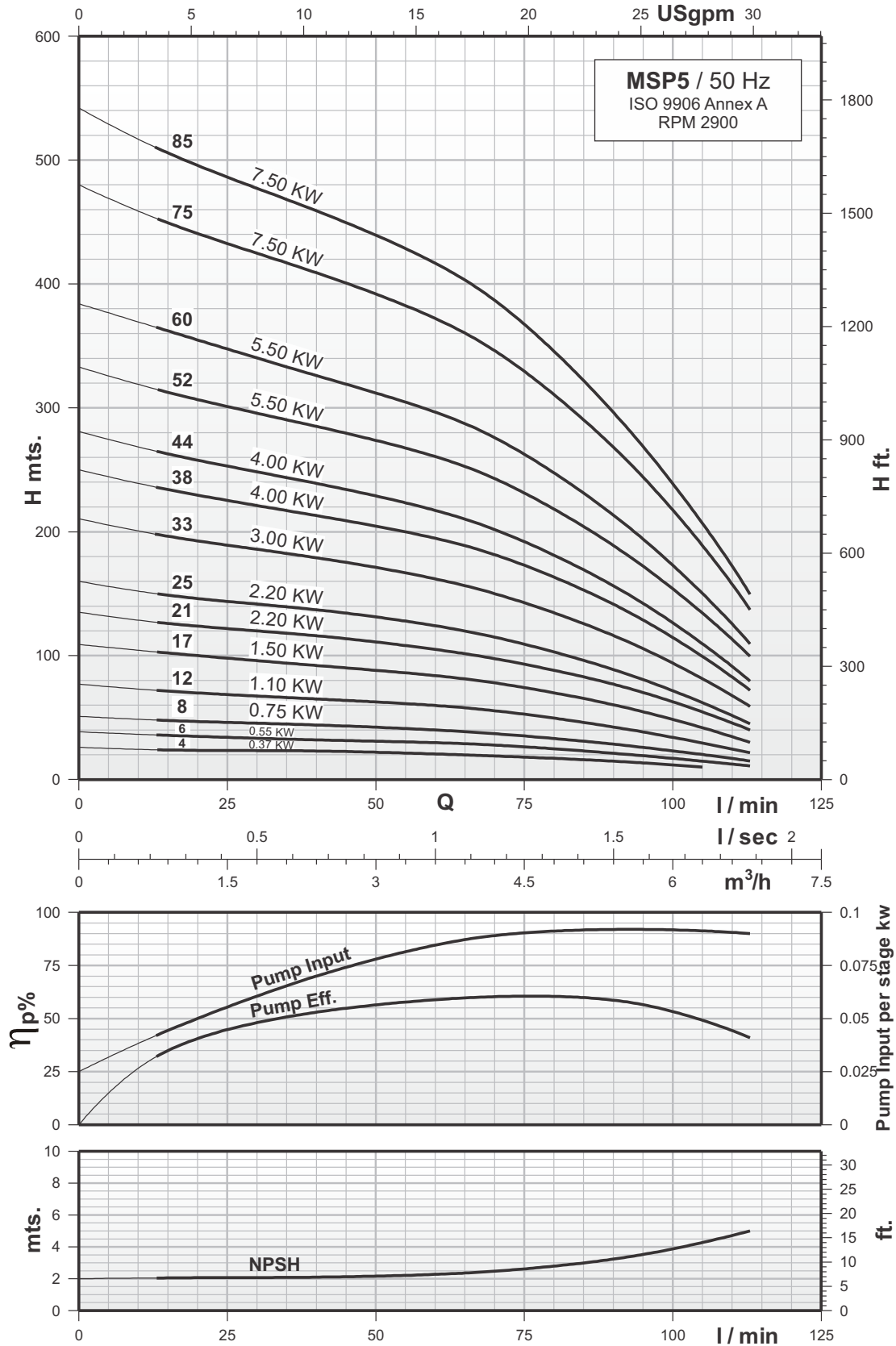


Technical Data

4" Stainless Steel Pumps

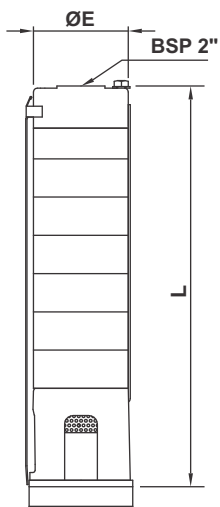
MSP5

Performance Curve



Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	3	4.9	6.4	7.9	11.4
				L/min	0	50	83	108	133	190
MSP8/5	0.75	1.00	5	H mts.	30	27	25	23	20	11
MSP8/7	1.10	1.50	7		41	38	35	32	29	15
MSP8/10	1.50	2.00	10		60	54	49	45	40	22
MSP8/12	2.20	3.00	12		73	65	60	56	50	29
MSP8/15	2.20	3.00	15		90	80	73	68	61	33
MSP8/18	3.00	4.00	18		108	96	87	81	73	40
MSP8/21	4.00	5.50	21		127	113	104	97	88	49
MSP8/25	4.00	5.50	25		150	134	123	114	104	56
MSP8/30	5.50	7.50	30		180	160	146	136	121	64
MSP8/37	5.50	7.50	37		221	195	178	165	147	75
MSP8/44	7.50	10.0	44		263	230	210	196	177	90
MSP8/50	7.50	10.0	50		298	260	236	220	198	100
MSP8/58	9.30	12.5	58		346	304	275	256	230	117
MSP8/66	11.0	15.0	66		394	345	315	294	265	133
MSP8/73	11.0	15.0	73		434	380	344	320	290	144



MSP8/73 is mounted in sleeve / adapter optional

Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP8/5	4"	101	549	7.0	0.0066
MSP8/7	4"	101	633	8.1	0.0077
MSP8/10	4"	101	759	9.6	0.0092
MSP8/12	4"	101	843	10.6	0.0102
MSP8/15	4"	101	969	12.2	0.0117
MSP8/18	4"	101	1095	13.7	0.0132
MSP8/21	4"	101	1221	15.3	0.0148
MSP8/25	4"	101	1389	17.3	0.0168
MSP8/30	4"	101	1599	19.9	0.0193
MSP8/37	4"	101	1893	23.5	0.0229
MSP8/44	4"	101	2187	27.1	0.0265
MSP8/50	4"	101	2439	30.2	0.0295

MSP8/44	6"	142	2487	28.1	0.0995
MSP8/50	6"	142	2739	31.2	0.1096
MSP8/58	6"	142	2775	34.3	0.0336
MSP8/66	6"	142	3111	38.4	0.0376
MSP8/73	6"	142	3237	39.9	0.0399

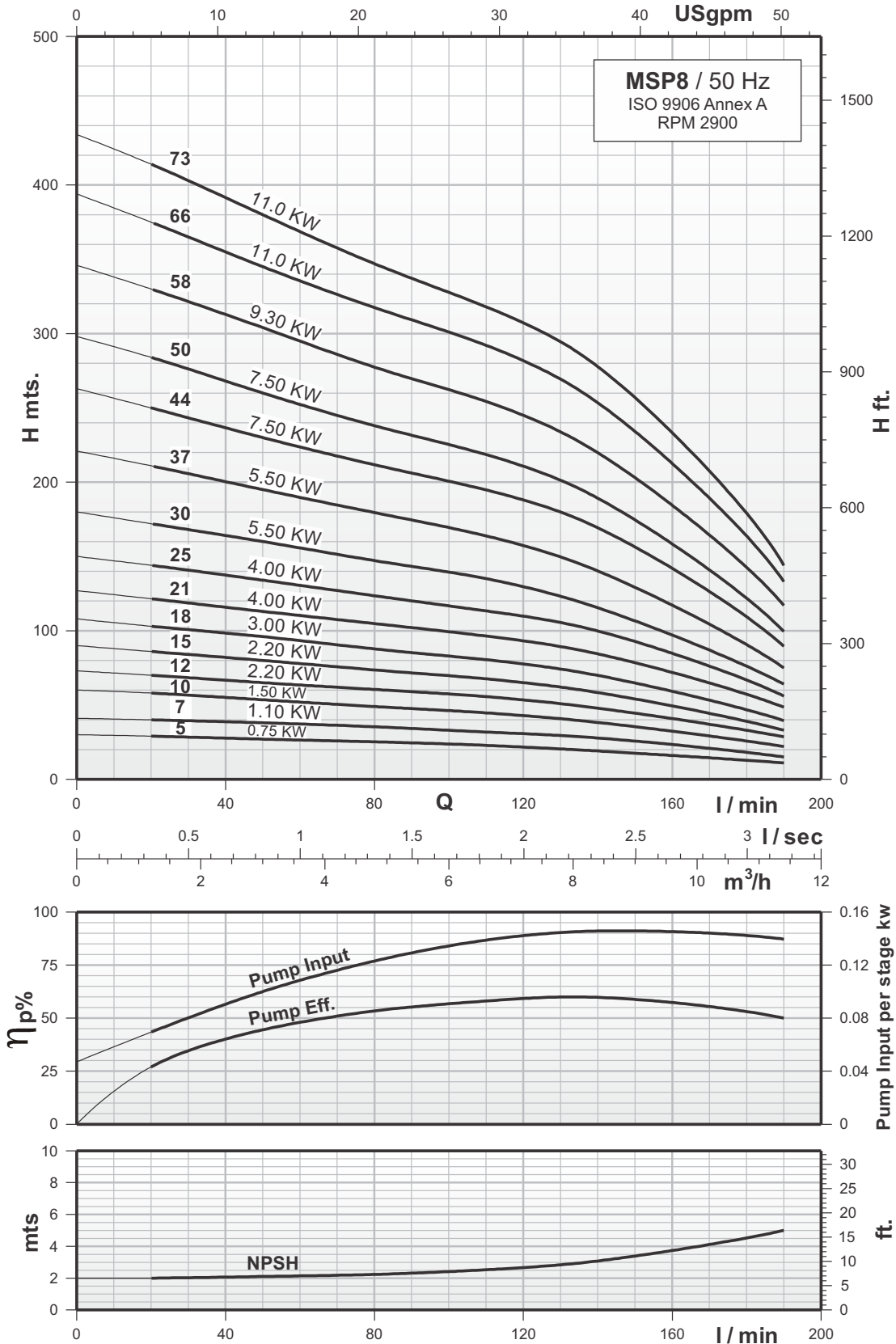


Technical Data

4" Stainless Steel Pumps

MSP8

Performance Curve





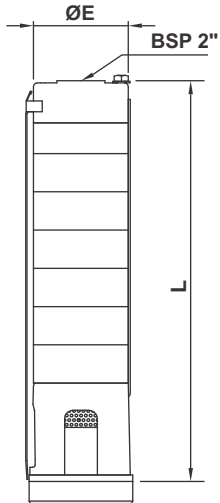
Technical Data

4" Stainless Steel Pumps

MSP14

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	4	7.9	12	16	18.8
				L/min	0	68	133	200	267	313
MSP14/5	1.50	2.00	5	H mts.	33	33	30	26	19	12
MSP14/7	2.20	3.00	7		46	46	42	37	27	18
MSP14/10	3.00	4.00	10		66	66	60	52	38	24
MSP14/13	4.00	5.50	13		86	86	78	67	50	32
MSP14/18	5.50	7.50	18		119	118	108	94	69	44
MSP14/25	7.50	10.0	25		164	164	148	129	94	60



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP14/5	4"	101	510	6.2	0.0106
MSP14/7	4"	101	640	7.8	0.0106
MSP14/10	4"	101	835	10.2	0.0106
MSP14/13	4"	101	1030	12.8	0.0162
MSP14/18	4"	101	1355	16.8	0.0162
MSP14/25	4"	101	1810	22.9	0.0204
MSP14/25	6"	142	1872	26.0	0.0540

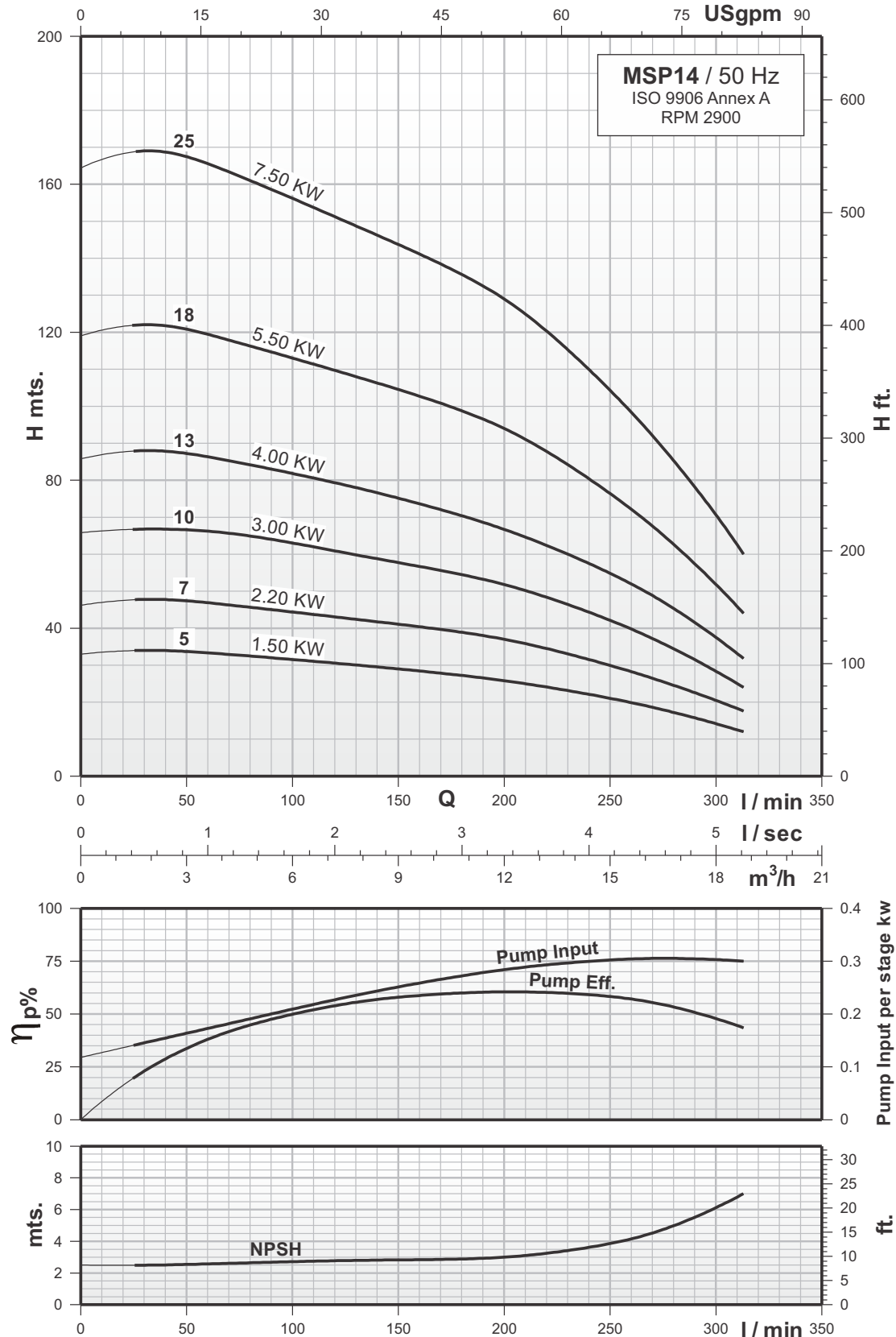


Technical Data

4" Stainless Steel Pumps

MSP14

Performance Curve





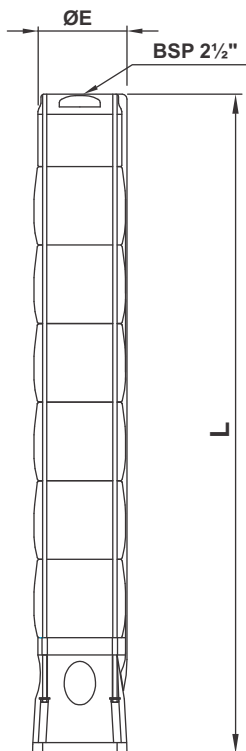
Technical Data

6" Stainless Steel Pumps

MSP12

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	4	6	10	13	16	18.3
				L/min	0	67	100	167	217	267	305
MSP12/1	0.55	0.75	1	H mts.	11	10	10	8	7	6	4
MSP12/2	1.10	1.50	2		21	20	20	17	14	12	8
MSP12/3	1.50	2.00	3		32	31	30	26	22	17	13
MSP12/4	2.20	3.00	4		42	41	40	34	29	23	17
MSP12/5	2.20	3.00	5		52	51	49	42	36	28	22
MSP12/6	3.00	4.00	6		63	61	59	50	43	34	26
MSP12/7	3.00	4.00	7		73	71	68	58	50	40	30
MSP12/8	4.00	5.50	8		84	82	78	67	58	46	35
MSP12/9	4.00	5.50	9		94	92	88	75	64	51	40
MSP12/10	5.50	7.50	10		105	102	98	84	72	57	44
MSP12/11	5.50	7.50	11		115	112	108	92	78	63	48
MSP12/12	5.50	7.50	12		125	122	118	100	86	68	52
MSP12/13	5.50	7.50	13		136	133	128	109	93	74	56
MSP12/14	7.50	10.0	14		147	143	137	117	100	80	61
MSP12/15	7.50	10.0	15		157	153	147	126	108	86	66
MSP12/16	7.50	10.0	16		168	164	157	134	114	92	70
MSP12/17	7.50	10.0	17		178	174	167	142	122	98	74
MSP12/18	7.50	10.0	18		188	183	176	150	128	104	78
MSP12/19	9.30	12.5	19		199	193	185	158	136	110	83
MSP12/20	9.30	12.5	20		209	204	195	166	143	116	87
MSP12/21	9.30	12.5	21		220	214	205	174	150	122	92
MSP12/22	9.30	12.5	22		230	224	215	183	157	127	97



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP12/1	4"	131	434	12.9	0.0125
MSP12/2	4"	131	494	13.7	0.0143
MSP12/3	4"	131	554	14.5	0.0160
MSP12/4	4"	131	614	15.3	0.0177
MSP12/5	4"	131	674	16.1	0.0195
MSP12/6	4"	131	734	16.9	0.0212
MSP12/7	4"	131	794	17.7	0.0229
MSP12/8	4"	131	854	18.5	0.0247
MSP12/9	4"	131	914	19.3	0.0264
MSP12/10	4"	131	974	20.1	0.0281
MSP12/11	4"	131	1034	20.9	0.0299
MSP12/12	4"	131	1094	21.7	0.0316
MSP12/13	4"	131	1154	22.5	0.0333
MSP12/14	4"	131	1214	23.3	0.0351
MSP12/15	4"	131	1274	24.1	0.0368
MSP12/16	4"	131	1334	25.0	0.0385
MSP12/17	4"	131	1394	25.8	0.0403
MSP12/18	4"	131	1454	26.6	0.0420
MSP12/14	6"	142	1214	23.3	0.0351
MSP12/15	6"	142	1274	24.1	0.0368
MSP12/16	6"	142	1334	25.0	0.0385
MSP12/17	6"	142	1394	25.8	0.0403
MSP12/18	6"	142	1454	26.6	0.0420
MSP12/19	6"	142	1514	27.4	0.0437
MSP12/20	6"	142	1574	28.2	0.0455
MSP12/21	6"	142	1634	29.0	0.0472
MSP12/22	6"	142	1694	29.8	0.0489

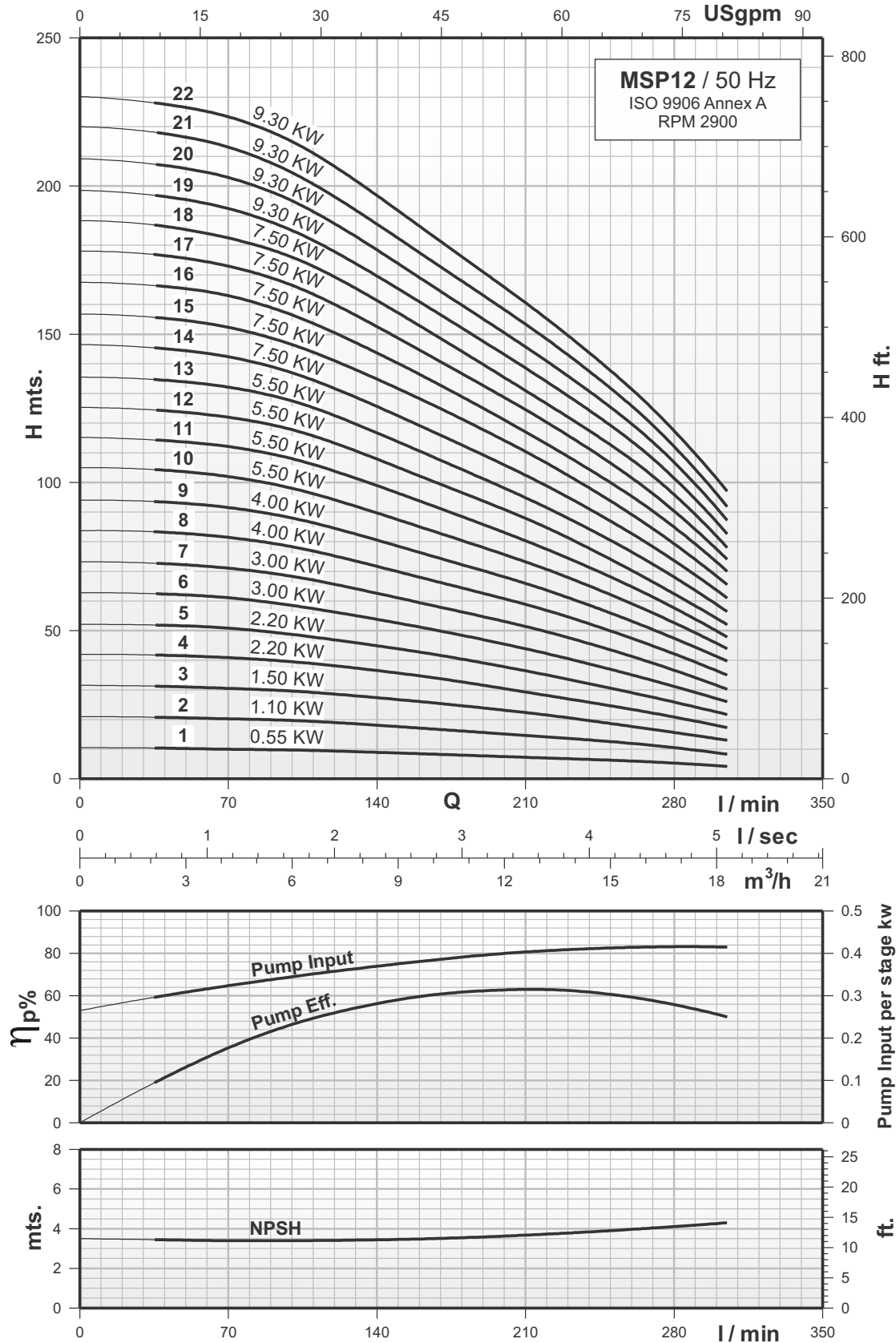


Technical Data

6" Stainless Steel Pumps

MSP12

Performance Curve





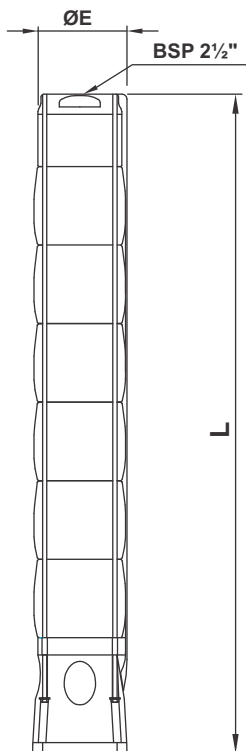
Technical Data

6" Stainless Steel Pumps

MSP12

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	4	6	10	13	16	18.3
				L/min	0	67	100	167	217	267	305
MSP12/23	11.0	15.0	23	H mts.	240	234	225	191	167	139	101
MSP12/24	11.0	15.0	24		251	245	235	200	174	145	105
MSP12/25	11.0	15.0	25		261	255	244	209	181	151	110
MSP12/26	11.0	15.0	26		272	265	254	217	188	157	114
MSP12/27	13.0	17.5	27		282	275	264	225	195	163	119
MSP12/28	13.0	17.5	28		293	285	274	234	203	169	123
MSP12/29	13.0	17.5	29		303	295	284	242	210	175	128
MSP12/30	13.0	17.5	30		314	306	294	251	217	181	132
MSP12/31	13.0	17.5	31		325	317	304	259	224	187	137
MSP12/32	15.0	20.0	32		335	327	314	267	231	193	141
MSP12/33	15.0	20.0	33		346	337	324	275	238	199	146
MSP12/34	15.0	20.0	34		357	347	334	283	245	205	150
MSP12/35	15.0	20.0	35		368	357	344	291	252	211	155
MSP12/36	15.0	20.0	36		378	367	354	300	259	217	159
MSP12/37	18.5	25.0	37		388	378	364	309	266	223	164
MSP12/38	18.5	25.0	38		398	388	374	317	273	229	168
MSP12/39	18.5	25.0	39		409	398	383	325	280	235	173
MSP12/40	18.5	25.0	40		419	408	393	333	288	241	177
MSP12/41	18.5	25.0	41		430	418	402	342	296	247	182
MSP12/42	18.5	25.0	42		440	428	412	350	303	253	186
MSP12/43	18.5	25.0	43		450	438	422	359	310	259	191
MSP12/44	18.5	25.0	44		460	448	432	368	317	265	195



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP12/23	6"	142	1754	30.6	0.0507
MSP12/24	6"	142	1814	31.4	0.0524
MSP12/25	6"	142	1874	32.2	0.0480
MSP12/26	6"	142	1934	33.0	0.0495
MSP12/27	6"	142	1994	33.8	0.0510
MSP12/28	6"	142	2054	34.6	0.0526
MSP12/29	6"	142	2114	35.4	0.0541
MSP12/30	6"	142	2174	36.2	0.0557
MSP12/31	6"	142	2234	37.0	0.0572
MSP12/32	6"	142	2294	37.8	0.0587
MSP12/33	6"	142	2354	38.6	0.0603
MSP12/34	6"	142	2414	39.4	0.0618
MSP12/35	6"	142	2474	40.3	0.0633
MSP12/36	6"	142	2534	41.1	0.0649
MSP12/37	6"	142	2594	41.9	0.0664
MSP12/38	6"	142	2654	42.7	0.0679
MSP12/39	6"	142	2714	43.5	0.0695
MSP12/40	6"	142	2774	44.3	0.0710
MSP12/41	6"	142	2954	46.7	0.0756
MSP12/42	6"	142	3074	48.3	0.0787
MSP12/43	6"	142	3254	50.7	0.0833
MSP12/44	6"	142	3434	53.1	0.0879

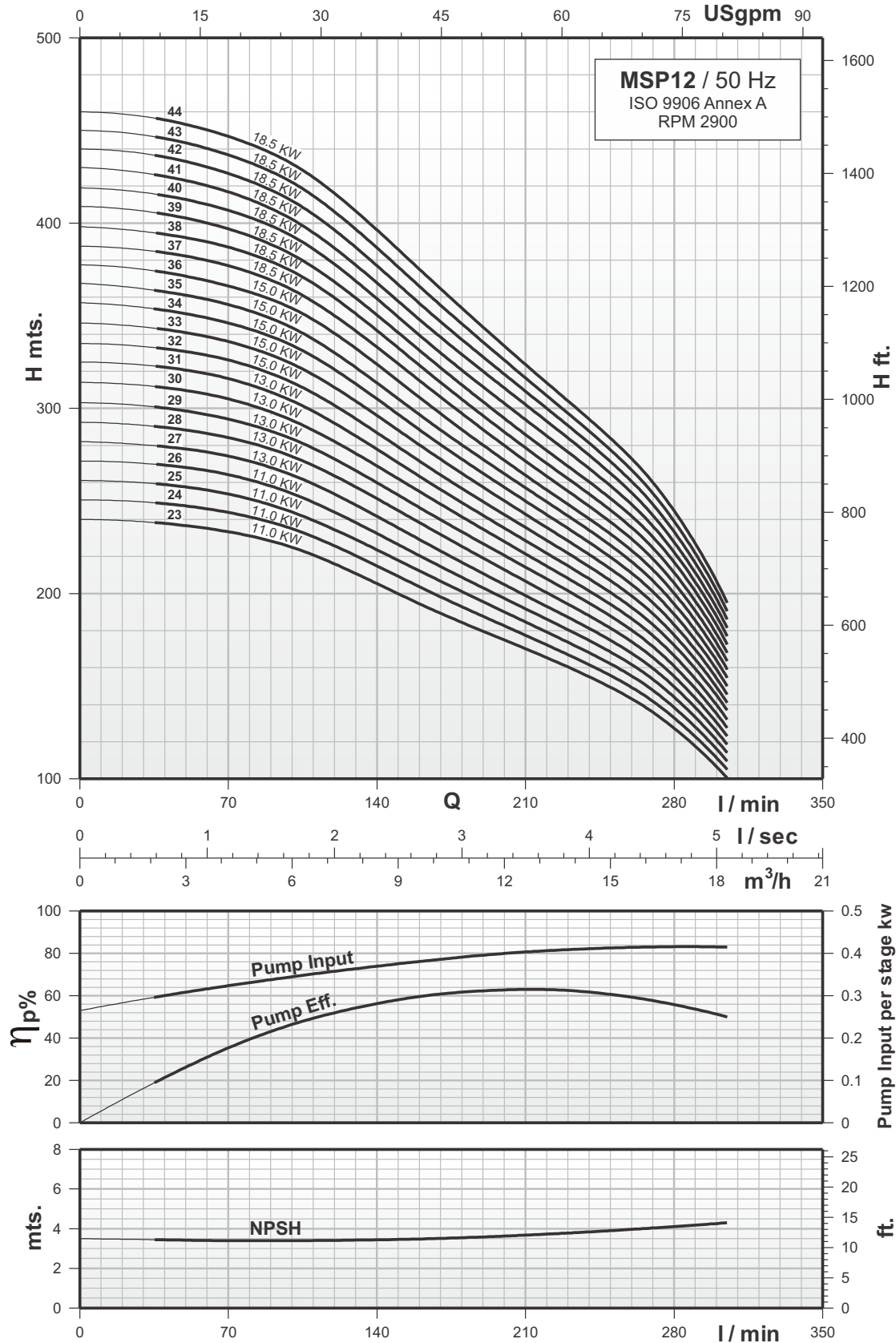


Technical Data

6" Stainless Steel Pumps

MSP12

Performance Curve





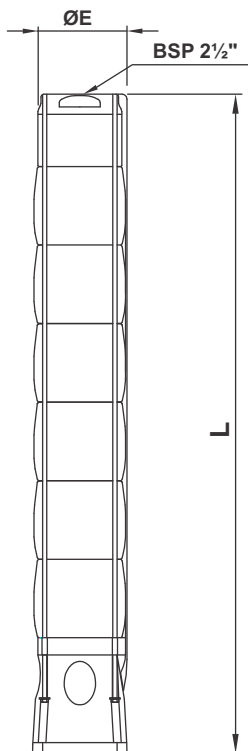
Technical Data

6" Stainless Steel Pumps

MSP14A

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	10	11	12	14	16	18
				L/min	0	167	183	200	233	267	300
MSP14A/1	0.55	0.75	1	H mts.	11	9	9	9	8	7	6
MSP14A/2	1.10	1.50	2		21	18	18	17	16	14	12
MSP14A/3	1.50	2.00	3		32	28	27	26	24	21	18
MSP14A/4	2.20	3.00	4		42	37	35	34	31	28	24
MSP14A/5	2.20	3.00	5		53	46	44	43	39	35	30
MSP14A/6	3.00	4.00	6		63	55	53	51	47	42	36
MSP14A/7	3.00	4.00	7		74	64	62	60	55	49	42
MSP14A/8	4.00	5.50	8		84	74	71	68	63	56	48
MSP14A/9	4.00	5.50	9		95	83	80	77	71	63	54
MSP14A/10	5.50	7.50	10		105	92	89	85	79	70	60
MSP14A/11	5.50	7.50	11		116	101	98	94	86	78	66
MSP14A/12	5.50	7.50	12		126	110	106	102	94	85	72
MSP14A/13	7.50	10.0	13		137	120	115	111	102	92	78
MSP14A/14	7.50	10.0	14		147	129	124	119	110	99	84
MSP14A/15	7.50	10.0	15		158	138	133	128	118	106	90
MSP14A/16	7.50	10.0	16		168	147	142	136	126	113	96
MSP14A/17	9.30	12.5	17		179	156	151	145	133	120	102
MSP14A/18	9.30	12.5	18		189	166	160	153	141	127	108
MSP14A/19	9.30	12.5	19		200	175	168	162	149	134	114
MSP14A/20	9.30	12.5	20		210	184	177	170	157	141	120
MSP14A/21	11.0	15.0	21		221	193	186	179	165	148	126
MSP14A/22	11.0	15.0	22		231	202	195	187	173	155	132



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP14/1	4"	131	434	12.9	0.0125
MSP14/2	4"	131	494	13.7	0.0143
MSP14/3	4"	131	554	14.5	0.0160
MSP14/4	4"	131	614	15.3	0.0177
MSP14/5	4"	131	674	16.1	0.0195
MSP14/6	4"	131	734	16.9	0.0212
MSP14/7	4"	131	794	17.7	0.0229
MSP14/8	4"	131	854	18.5	0.0247
MSP14/9	4"	131	914	19.3	0.0264
MSP14/10	4"	131	974	20.1	0.0281
MSP14/11	4"	131	1034	20.9	0.0299
MSP14/12	4"	131	1094	21.7	0.0316
MSP14/13	4"	131	1154	21.7	0.0333
MSP14/14	4"	131	1214	22.5	0.0351
MSP14/15	4"	131	1274	23.3	0.0368
MSP14/16	4"	131	1334	24.1	0.0385

MSP14/13	6"	142	1154	22.5	0.0333
MSP14/14	6"	142	1214	23.3	0.0351
MSP14/15	6"	142	1274	24.1	0.0368
MSP14/16	6"	142	1334	25.0	0.0385
MSP14/17	6"	142	1394	25.8	0.0403
MSP14/18	6"	142	1454	26.6	0.0420
MSP14/19	6"	142	1514	27.4	0.0437
MSP14/20	6"	142	1574	28.2	0.0455
MSP14/21	6"	142	1634	29.0	0.0472
MSP14/22	6"	142	1694	29.8	0.0489

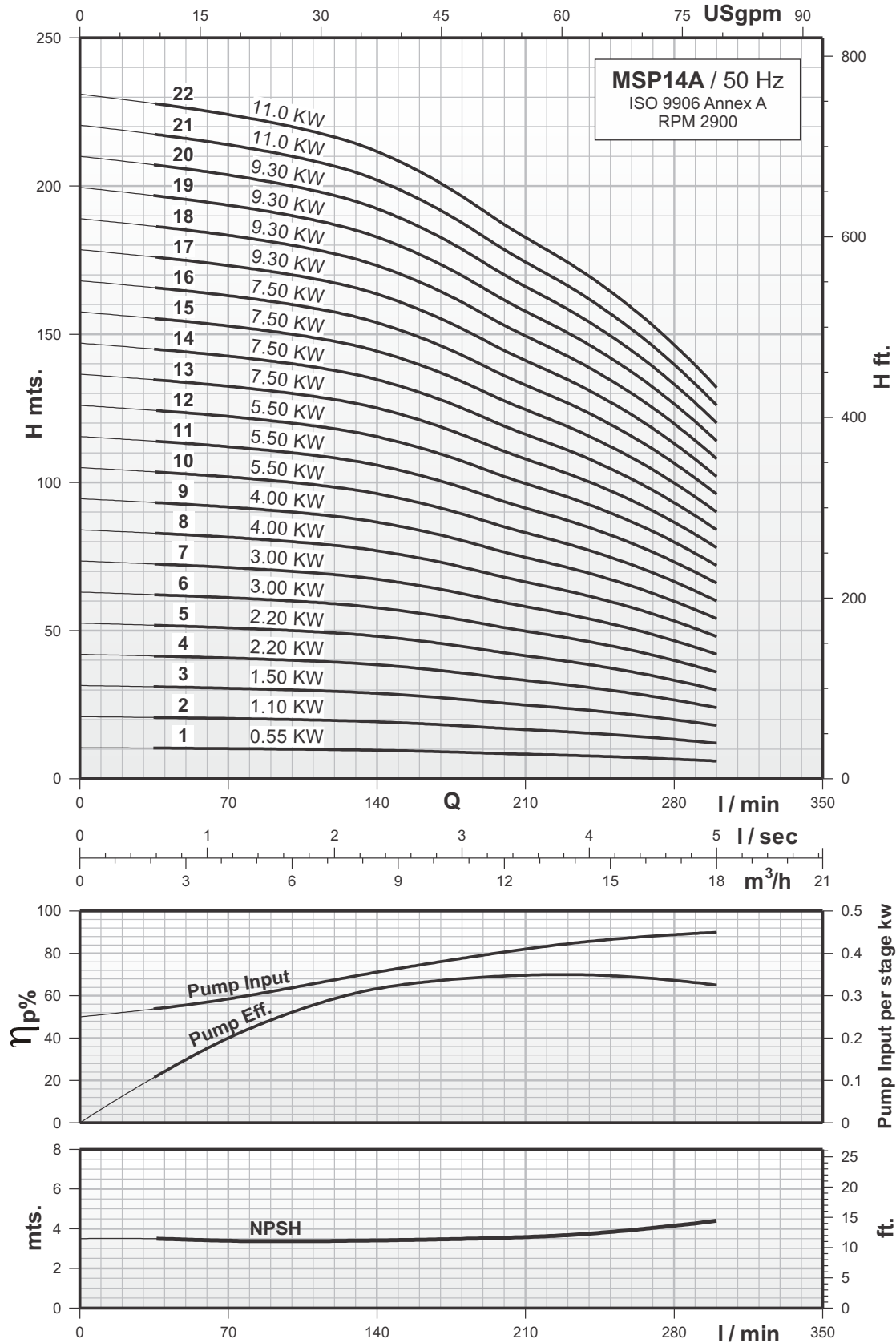


Technical Data

6" Stainless Steel Pumps

MSP14A

Performance Curve





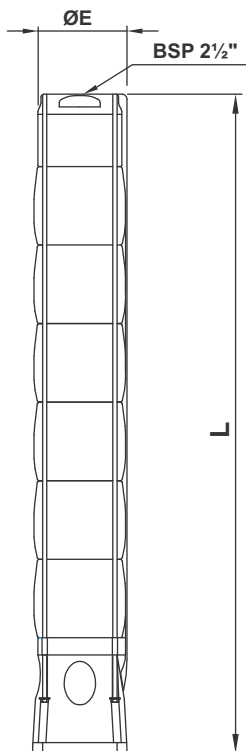
Technical Data

6" Stainless Steel Pumps

MSP14A

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	10	11	12	14	16	18
				L/min	0	167	183	200	233	267	300
MSP14A/23	11.0	15.0	23	H mts.	242	211	204	196	181	162	138
MSP14A/24	11.0	15.0	24		252	221	213	204	188	169	144
MSP14A/25	13.0	17.5	25		263	230	222	213	196	176	150
MSP14A/26	13.0	17.5	26		273	239	230	221	204	183	156
MSP14A/27	13.0	17.5	27		284	248	239	230	212	190	162
MSP14A/28	13.0	17.5	28		294	257	248	238	220	197	168
MSP14A/29	15.0	20.0	29		305	267	257	247	228	204	174
MSP14A/30	15.0	20.0	30		315	276	266	255	236	211	180
MSP14A/31	15.0	20.0	31		326	285	275	264	243	218	186
MSP14A/32	15.0	20.0	32		336	294	284	272	251	225	192
MSP14A/33	15.0	20.0	33		347	303	293	281	259	233	198
MSP14A/34	18.5	25.0	34		357	313	301	289	267	240	204
MSP14A/35	18.5	25.0	35		368	322	310	298	275	247	210
MSP14A/36	18.5	25.0	36		378	331	319	306	283	254	216
MSP14A/37	18.5	25.0	37		389	340	328	315	290	261	222
MSP14A/38	18.5	25.0	38		399	349	337	323	298	268	228
MSP14A/39	18.5	25.0	39		410	359	346	332	306	275	234
MSP14A/40	18.5	25.0	40		420	368	355	340	314	282	240
MSP14A/41	22.0	30.0	41		431	377	363	349	322	289	246
MSP14A/42	22.0	30.0	42		441	386	372	357	330	296	252
MSP14A/43	22.0	30.0	43		452	395	381	366	338	303	258
MSP14A/44	22.0	30.0	44		462	405	390	374	345	310	264



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP14A/23	6"	142	1754	30.6	0.0507
MSP14A/24	6"	142	1814	31.4	0.0524
MSP14A/25	6"	142	1874	32.2	0.0480
MSP14A/26	6"	142	1934	33.0	0.0495
MSP14A/27	6"	142	1994	33.8	0.0510
MSP14A/28	6"	142	2054	34.6	0.0526
MSP14A/29	6"	142	2114	35.4	0.0541
MSP14A/30	6"	142	2174	36.2	0.0557
MSP14A/31	6"	142	2234	37.0	0.0572
MSP14A/32	6"	142	2294	37.8	0.0587
MSP14A/33	6"	142	2354	38.6	0.0603
MSP14A/34	6"	142	2414	39.4	0.0618
MSP14A/35	6"	142	2474	40.3	0.0633
MSP14A/36	6"	142	2534	41.1	0.0649
MSP14A/37	6"	142	2594	41.9	0.0664
MSP14A/38	6"	142	2654	42.7	0.0679
MSP14A/39	6"	142	2714	43.5	0.0695
MSP14A/40	6"	142	2774	44.3	0.0710
MSP14A/41	6"	142	2954	46.7	0.0756
MSP14A/42	6"	142	3074	48.3	0.0787
MSP14A/43	6"	142	3254	50.7	0.0833
MSP14A/44	6"	142	3434	53.1	0.0879

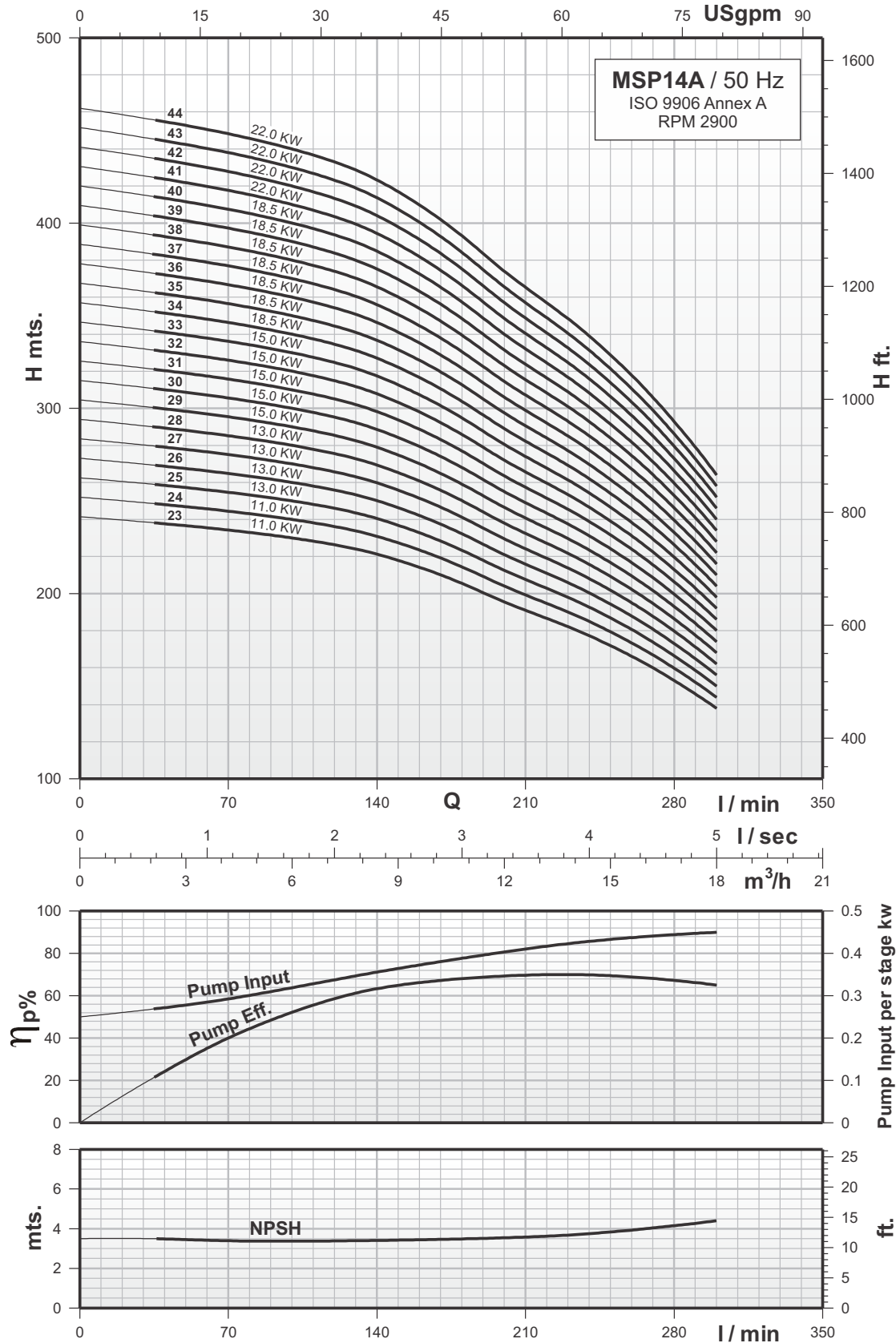


Technical Data

6" Stainless Steel Pumps

MSP14A

Performance Curve





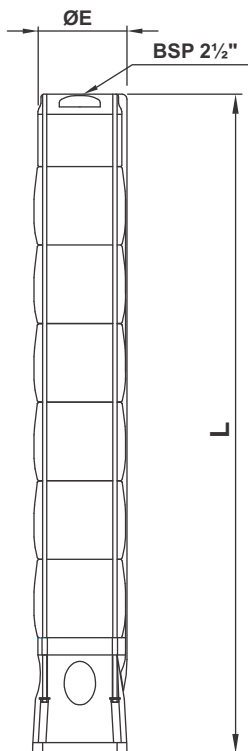
Technical Data

6" Stainless Steel Pumps

MSP17

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	4	8	12	16	20	22.1
				L/min	0	67	133	200	267	333	369
MSP17/1	0.55	0.75	1	H mts.	12	11	10	9	7	5	4
MSP17/2	1.10	1.50	2		23	22	21	19	16	11	9
MSP17/3	2.20	3.00	3		34	34	32	30	25	19	15
MSP17/4	2.20	3.00	4		45	44	43	39	33	24	19
MSP17/5	3.00	4.00	5		56	56	54	49	41	31	24
MSP17/6	4.00	5.50	6		68	67	65	59	50	38	31
MSP17/7	4.00	5.50	7		78	78	75	68	58	44	34
MSP17/8	5.50	7.50	8		91	90	87	80	68	52	42
MSP17/9	5.50	7.50	9		101	101	97	89	76	58	46
MSP17/10	5.50	7.50	10		112	111	107	98	83	63	50
MSP17/11	7.50	10.0	11		124	123	120	110	94	72	57
MSP17/12	7.50	10.0	12		135	134	130	119	101	78	62
MSP17/13	7.50	10.0	13		145	144	140	128	109	82	65
MSP17/14	9.30	12.5	14		157	157	152	139	119	91	73
MSP17/15	9.30	12.5	15		168	167	162	148	127	96	77
MSP17/16	9.30	12.5	16		179	178	172	158	134	102	81
MSP17/17	9.30	12.5	17		189	188	182	167	141	107	84
MSP17/18	11.0	15.0	18		202	200	194	179	153	116	92
MSP17/19	11.0	15.0	19		213	211	204	188	160	121	96
MSP17/20	11.0	15.0	20		224	221	214	196	166	127	100
MSP17/21	13.0	17.5	21		236	234	227	210	179	137	110



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP17/1	4"	131	434	12.9	0.0125
MSP17/2	4"	131	494	13.7	0.0143
MSP17/3	4"	131	554	14.5	0.0160
MSP17/4	4"	131	614	15.3	0.0177
MSP17/5	4"	131	674	16.1	0.0195
MSP17/6	4"	131	734	16.9	0.0212
MSP17/7	4"	131	794	17.7	0.0229
MSP17/8	4"	131	854	18.5	0.0247
MSP17/9	4"	131	914	19.3	0.0264
MSP17/10	4"	131	974	20.1	0.0281
MSP17/11	4"	131	1034	20.9	0.0299
MSP17/12	4"	131	1094	21.7	0.0316
MSP17/13	4"	131	1154	22.5	0.0333

MSP17/11	6"	142	1034	20.9	0.0299
MSP17/12	6"	142	1094	21.7	0.0316
MSP17/13	6"	142	1154	22.5	0.0333
MSP17/14	6"	142	1214	23.3	0.0351
MSP17/15	6"	142	1274	24.1	0.0368
MSP17/16	6"	142	1334	25.0	0.0385
MSP17/17	6"	142	1394	25.8	0.0403
MSP17/18	6"	142	1454	26.6	0.0420
MSP17/19	6"	142	1514	27.4	0.0437
MSP17/20	6"	142	1574	28.2	0.0455
MSP17/21	6"	142	1634	29.0	0.0472

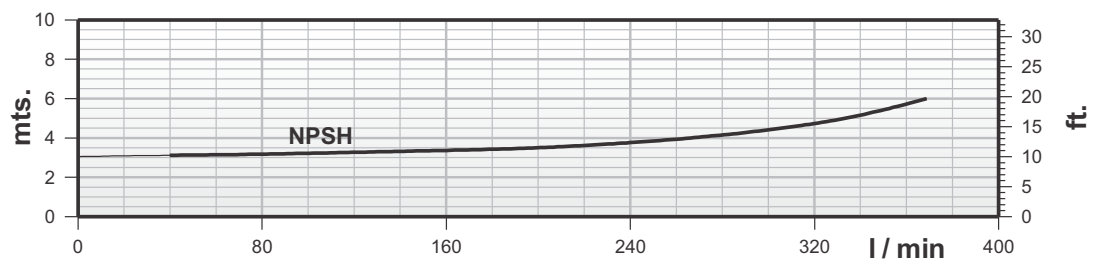
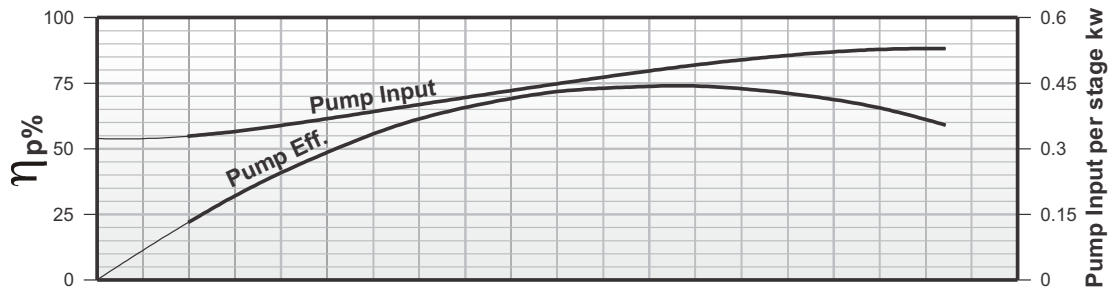
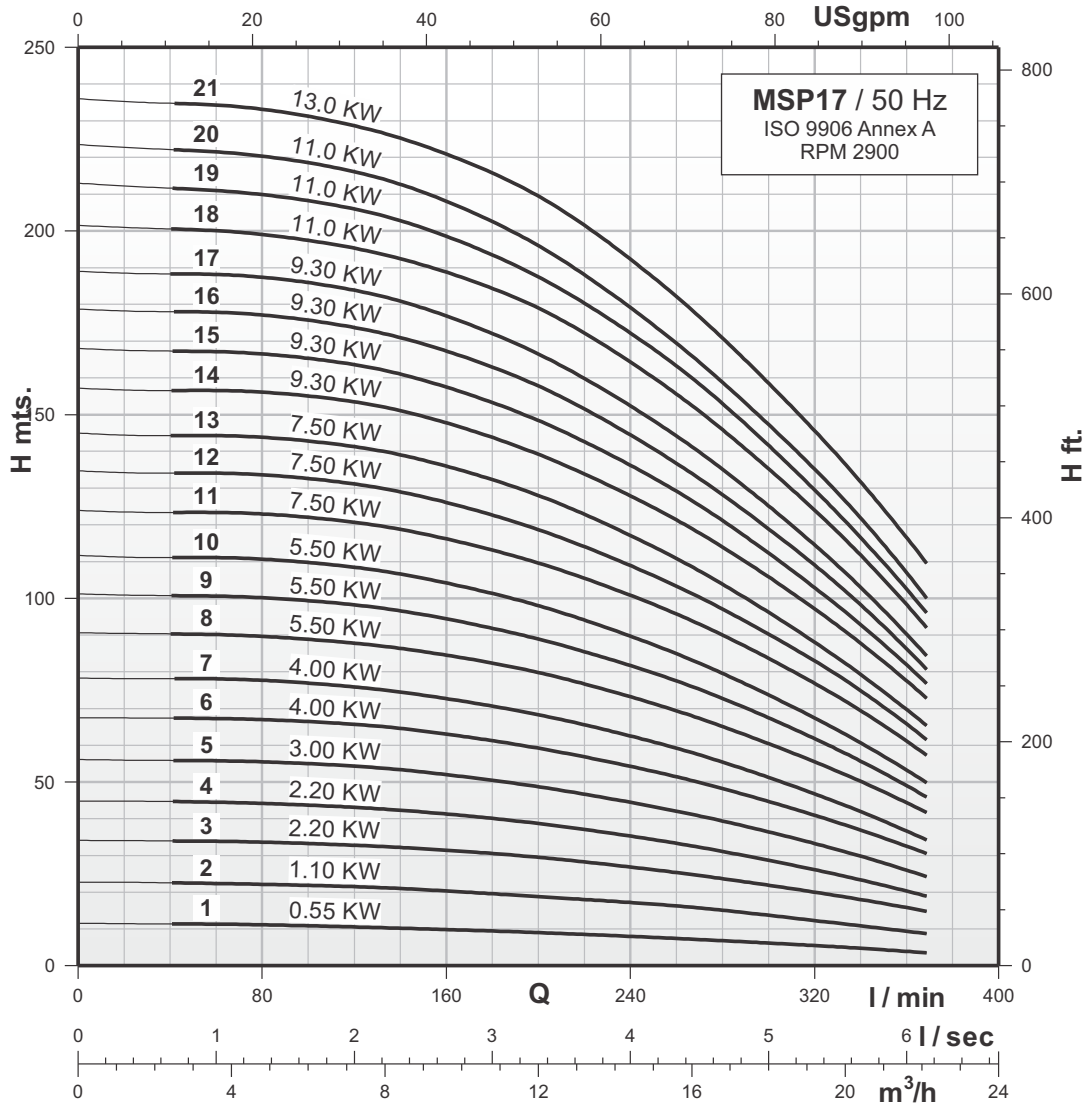


Technical Data

6" Stainless Steel Pumps

MSP17

Performance Curve





Technical Data

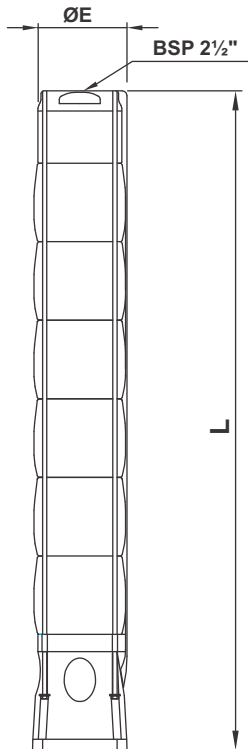
6" Stainless Steel Pumps

MSP17

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	4	8	12	16	20	22.1
				L/min	0	67	133	200	267	333	369
MSP17/22	13.0	17.5	22	H mts.	245	244	238	218	185	142	113
MSP17/23	13.0	17.5	23		257	256	248	227	193	147	117
MSP17/24	13.0	17.5	24		267	266	258	236	200	152	120
MSP17/25	15.0	20.0	25		280	280	270	249	212	162	130
MSP17/26	15.0	20.0	26		291	289	280	258	220	167	134
MSP17/27	15.0	20.0	27		301	299	290	267	227	172	137
MSP17/28	18.5	25.0	28		315	314	305	280	240	185	150
MSP17/29	18.5	25.0	29		326	324	315	290	249	191	154
MSP17/30	18.5	25.0	30		337	335	325	300	256	196	158
MSP17/31	18.5	25.0	31		347	346	335	309	263	202	162
MSP17/32	18.5	25.0	32		358	357	346	318	271	207	166
MSP17/33	18.5	25.0	33		369	368	356	327	280	212	169
MSP17/34	22.0	30.0	34		382	380	370	340	291	223	179
MSP17/35	22.0	30.0	35		393	391	380	350	299	228	183
MSP17/36	22.0	30.0	36		404	402	390	359	306	234	187
MSP17/37	22.0	30.0	37		413	412	400	368	313	240	190
MSP17/38	22.0	30.0	38		424	422	410	376	321	245	194
MSP17/39	22.0	30.0	39		435	434	420	385	329	250	198
MSP17/40	22.0	30.0	40		446	444	430	394	335	255	202
MSP17/43	26.0	35.0	43		482	480	465	429	366	280	223
MSP17/45	26.0	35.0	45		503	501	485	446	381	290	230
MSP17/48	26.0	35.0	48		535	533	515	473	403	305	243
MSP17/51	30.0	40.0	51		567	565	549	503	430	330	262
MSP17/53	30.0	40.0	53		588	586	569	521	445	340	270
MSP17/55	37.0	50.0	55		617	616	599	553	475	367	295
MSP17/58	37.0	50.0	58		650	648	630	580	498	384	309
MSP17/60	37.0	50.0	60		671	670	651	600	513	395	317

Dimensions & Weights



MSP17/43 to MSP17/60 is mounted in sleeve / adapter optional

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP17/22	6"	142	1694	29.8	0.0489
MSP17/23	6"	142	1754	30.6	0.0507
MSP17/24	6"	142	1814	31.4	0.0524
MSP17/25	6"	142	1874	32.2	0.0480
MSP17/26	6"	142	1934	33.0	0.0495
MSP17/27	6"	142	1994	33.8	0.0510
MSP17/28	6"	142	2054	34.6	0.0526
MSP17/29	6"	142	2114	35.4	0.0541
MSP17/30	6"	142	2174	36.2	0.0557
MSP17/31	6"	142	2234	37.0	0.0572
MSP17/32	6"	142	2294	37.8	0.0587
MSP17/33	6"	142	2354	38.6	0.0603
MSP17/34	6"	142	2414	39.4	0.0618
MSP17/35	6"	142	2474	40.3	0.0633
MSP17/36	6"	142	2534	41.1	0.0649
MSP17/37	6"	142	2594	41.9	0.0664
MSP17/38	6"	142	2654	42.7	0.0679
MSP17/39	6"	142	2714	43.5	0.0695
MSP17/40	6"	142	2774	44.3	0.0710
MSP17/43	6"	142	2954	46.7	0.0756
MSP17/45	6"	142	3074	48.3	0.0787
MSP17/48	6"	142	3254	50.7	0.0833
MSP17/51	6"	142	3434	53.1	0.0879
MSP17/53	6"	142	3554	54.8	0.0910
MSP17/55	6"	142	3674	56.4	0.0941
MSP17/58	6"	142	3854	58.8	0.0987
MSP17/60	6"	142	3974	60.4	0.1017

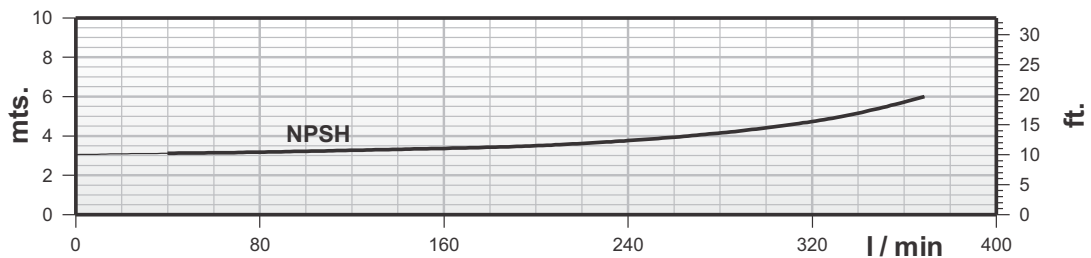
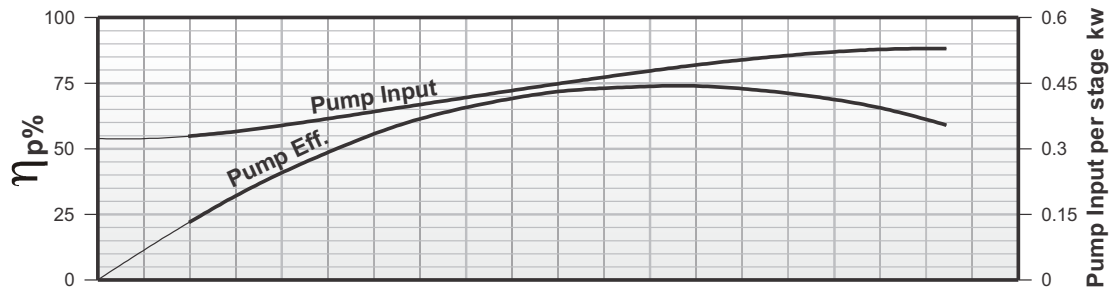
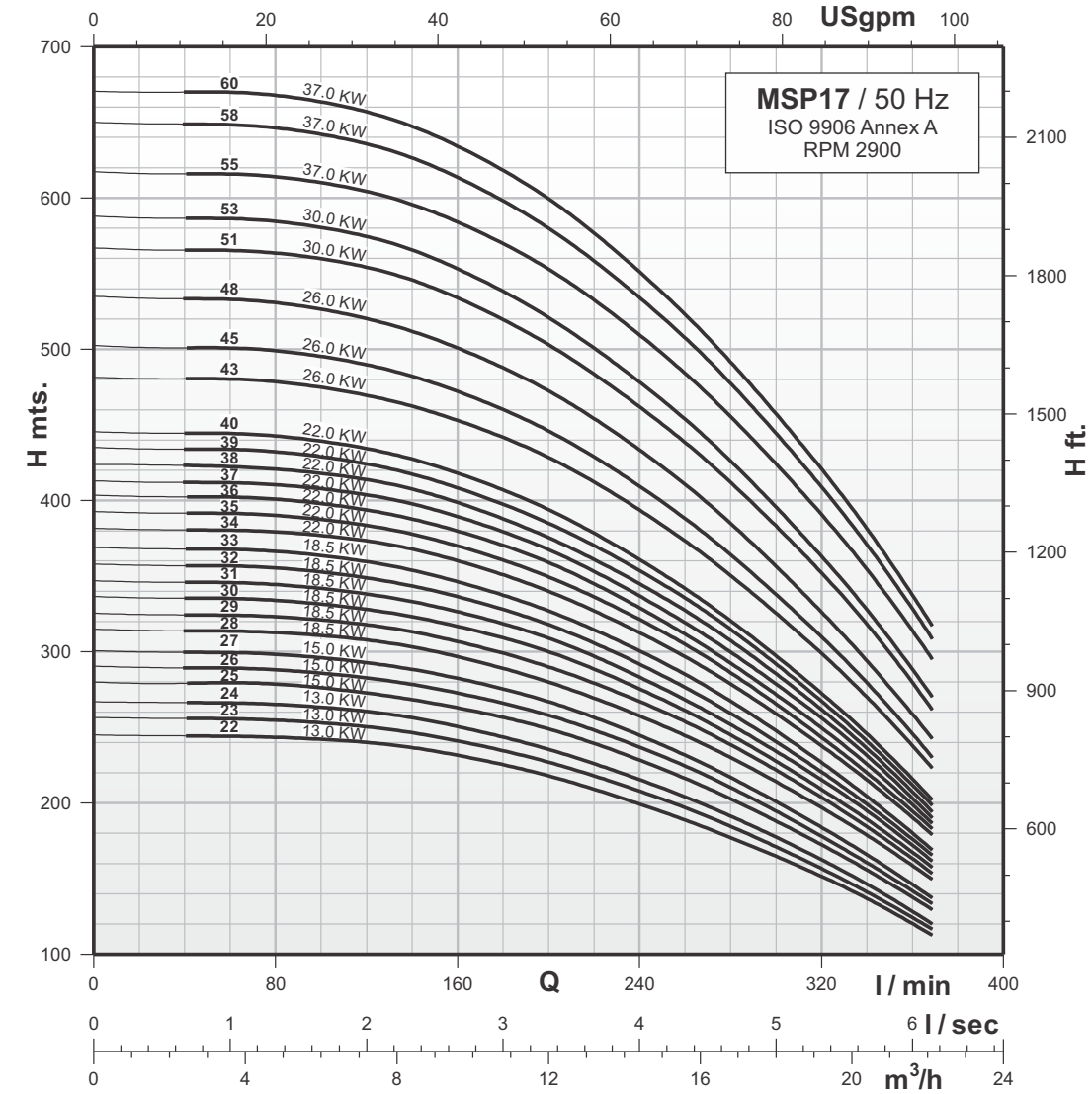


Technical Data

6" Stainless Steel Pumps

MSP17

Performance Curve





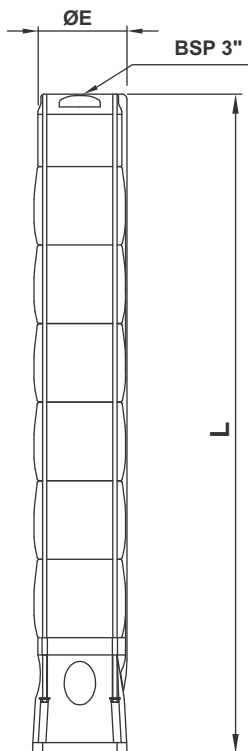
Technical Data

6" Stainless Steel Pumps

MSP30

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm							
					m ³ /h	0	7.9	16	24	28	32	39
					L/min	0	133	267	400	467	533	650
MSP30/1	1.10	1.50	1	H mts.	12	11	10	8	7	6	3	
MSP30/2	2.20	3.00	2		23	23	20	17	16	13	8	
MSP30/3	3.00	4.00	3		35	34	30	26	24	20	12	
MSP30/4	4.00	5.50	4		46	45	40	35	32	27	16	
MSP30/5	5.50	7.50	5		58	56	51	45	41	35	22	
MSP30/6	5.50	7.50	6		69	67	60	53	48	41	26	
MSP30/7	7.50	10.0	7		81	78	71	62	57	49	31	
MSP30/8	7.50	10.0	8		91	89	81	71	64	55	35	
MSP30/9	9.30	12.5	9		103	101	91	80	73	63	40	
MSP30/10	9.30	12.5	10		114	111	100	88	80	69	43	
MSP30/11	9.30	12.5	11		125	122	110	96	87	75	46	
MSP30/12	11.0	15.0	12		137	133	120	106	96	83	52	
MSP30/13	11.0	15.0	13		148	144	130	114	103	89	55	
MSP30/14	13.0	17.5	14		160	156	141	125	113	98	61	
MSP30/15	13.0	17.5	15		171	167	150	133	121	103	64	
MSP30/16	15.0	20.0	16		183	179	162	143	130	113	71	
MSP30/17	15.0	20.0	17		194	189	171	150	136	118	74	
MSP30/18	18.5	25.0	18		207	203	184	163	148	129	82	
MSP30/19	18.5	25.0	19		218	214	194	170	155	135	85	
MSP30/20	18.5	25.0	20		229	224	203	179	163	141	90	



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP30/1	4"	131	470	12.1	0.0136
MSP30/2	4"	131	566	14.0	0.0163
MSP30/3	4"	131	662	16.0	0.0191
MSP30/4	4"	131	758	17.9	0.0219
MSP30/5	4"	131	854	19.8	0.0247
MSP30/6	4"	131	950	21.7	0.0274
MSP30/7	4"	131	1046	23.6	0.0302
MSP30/8	4"	131	1142	25.6	0.0330
MSP30/7	6"	142	1046	23.6	0.0302
MSP30/8	6"	142	1142	25.6	0.0330
MSP30/9	6"	142	1238	27.5	0.0358
MSP30/10	6"	142	1334	29.4	0.0385
MSP30/11	6"	142	1430	31.3	0.0413
MSP30/12	6"	142	1526	33.2	0.0441
MSP30/13	6"	142	1622	35.2	0.0468
MSP30/14	6"	142	1718	37.1	0.0496
MSP30/15	6"	142	1814	39.0	0.0524
MSP30/16	6"	142	1910	40.9	0.0489
MSP30/17	6"	142	2006	42.8	0.0514
MSP30/18	6"	142	2102	44.8	0.0538
MSP30/19	6"	142	2198	46.7	0.0563
MSP30/20	6"	142	2294	48.6	0.0587

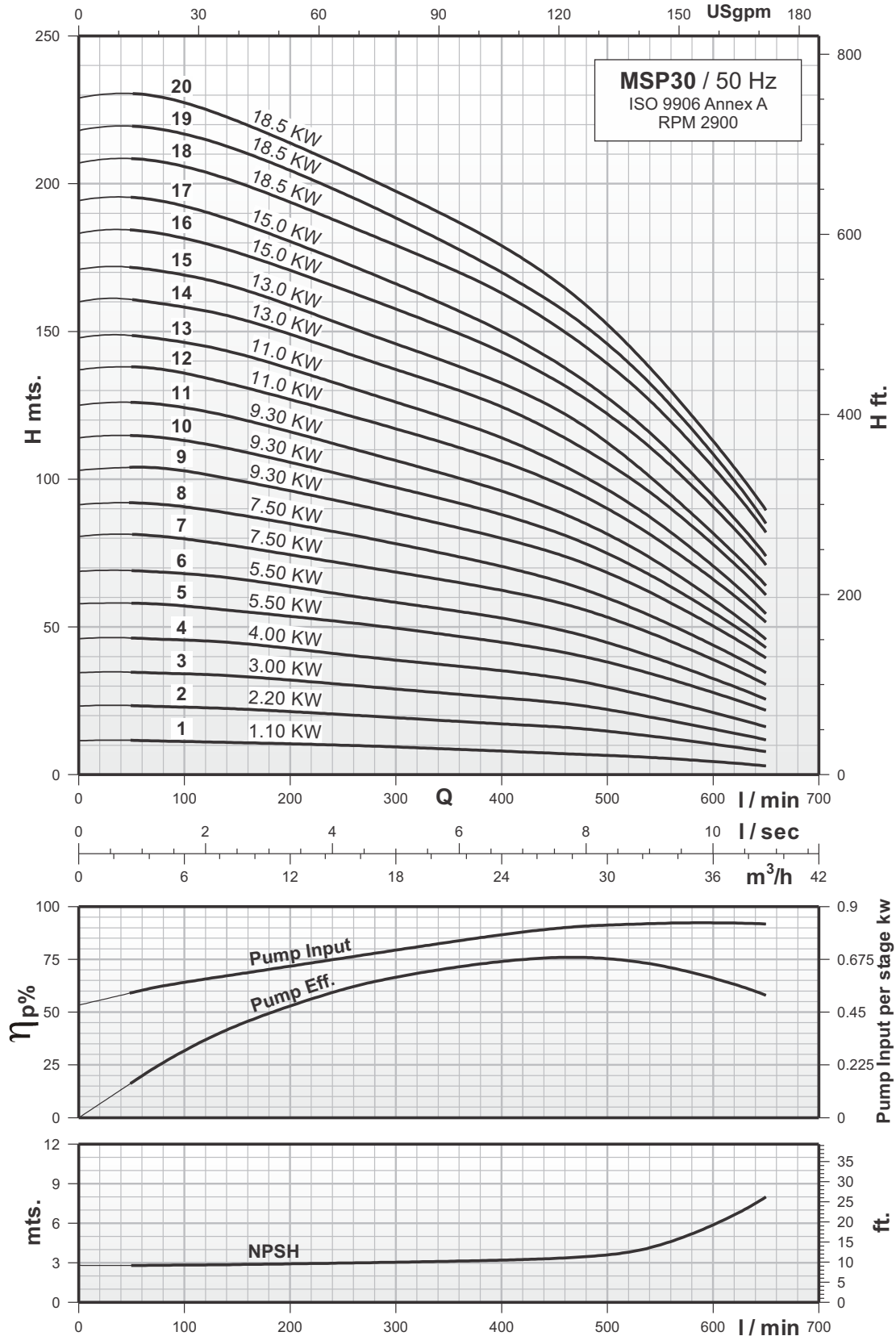


Technical Data

6" Stainless Steel Pumps

MSP30

Performance Curve





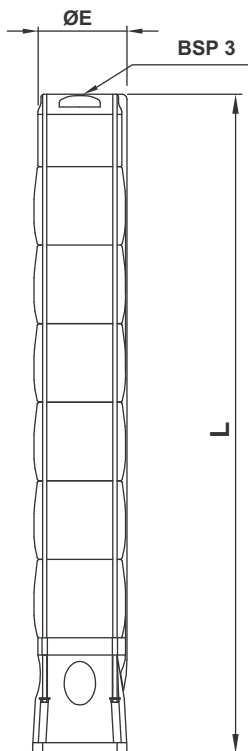
Technical Data

6" Stainless Steel Pumps

MSP30

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	7.9	16	24	28	32	39
				L/min	0	133	267	400	467	533	650
MSP30/21	18.5	25.0	21	H mts.	241	236	214	187	170	147	92
MSP30/22	22.0	30.0	22		252	246	223	197	180	157	99
MSP30/23	22.0	30.0	23		264	257	233	206	187	162	103
MSP30/24	22.0	30.0	24		275	268	242	214	194	168	106
MSP30/25	22.0	30.0	25		285	278	250	222	202	174	109
MSP30/26	22.0	30.0	26		296	289	260	229	208	179	112
MSP30/27	26.0	35.0	27		310	302	274	243	221	190	120
MSP30/28	26.0	35.0	28		320	313	283	250	228	197	123
MSP30/29	26.0	35.0	29		331	323	293	258	235	204	127
MSP30/30	26.0	35.0	30		343	334	301	267	242	209	130
MSP30/31	26.0	35.0	31		353	344	310	274	249	214	134
MSP30/32	30.0	40.0	32		367	358	324	287	261	225	143
MSP30/33	30.0	40.0	33		378	369	337	294	269	231	147
MSP30/34	30.0	40.0	34		389	379	343	304	276	238	149
MSP30/35	30.0	40.0	35		400	390	352	310	283	244	153
MSP30/39	37.0	50.0	39		445	435	395	350	320	278	175
MSP30/43	37.0	50.0	43		489	478	432	383	350	301	189
MSP30/46	45.0	60.0	46		532	520	475	424	390	340	220
MSP30/49	45.0	60.0	49		565	554	504	450	413	360	232



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP30/21	6"	142	2390	50.5	0.0612
MSP30/22	6"	142	2486	52.4	0.0636
MSP30/23	6"	142	2582	54.4	0.0661
MSP30/24	6"	142	2678	56.3	0.0686
MSP30/25	6"	142	2774	58.2	0.0710
MSP30/26	6"	142	2870	60.1	0.0735
MSP30/27	6"	142	2966	62.0	0.0759
MSP30/28	6"	142	3062	64.0	0.0784
MSP30/29	6"	142	3158	65.9	0.0808
MSP30/30	6"	142	3254	67.8	0.0833
MSP30/31	6"	142	3350	69.7	0.0858
MSP30/32	6"	142	3446	71.6	0.0882
MSP30/33	6"	142	3542	73.6	0.0907
MSP30/34	6"	142	3638	75.5	0.0931
MSP30/35	6"	142	3734	77.4	0.0956
MSP30/39	6"	142	4118	85.1	0.1054
MSP30/43	6"	175	4502	92.8	0.1131
MSP30/46	8"	190	4790	98.5	0.1189
MSP30/49	8"	190	5078	104.3	0.1300

MSP30/43 to MSP30/49 is mounted in sleeve / adapter optional

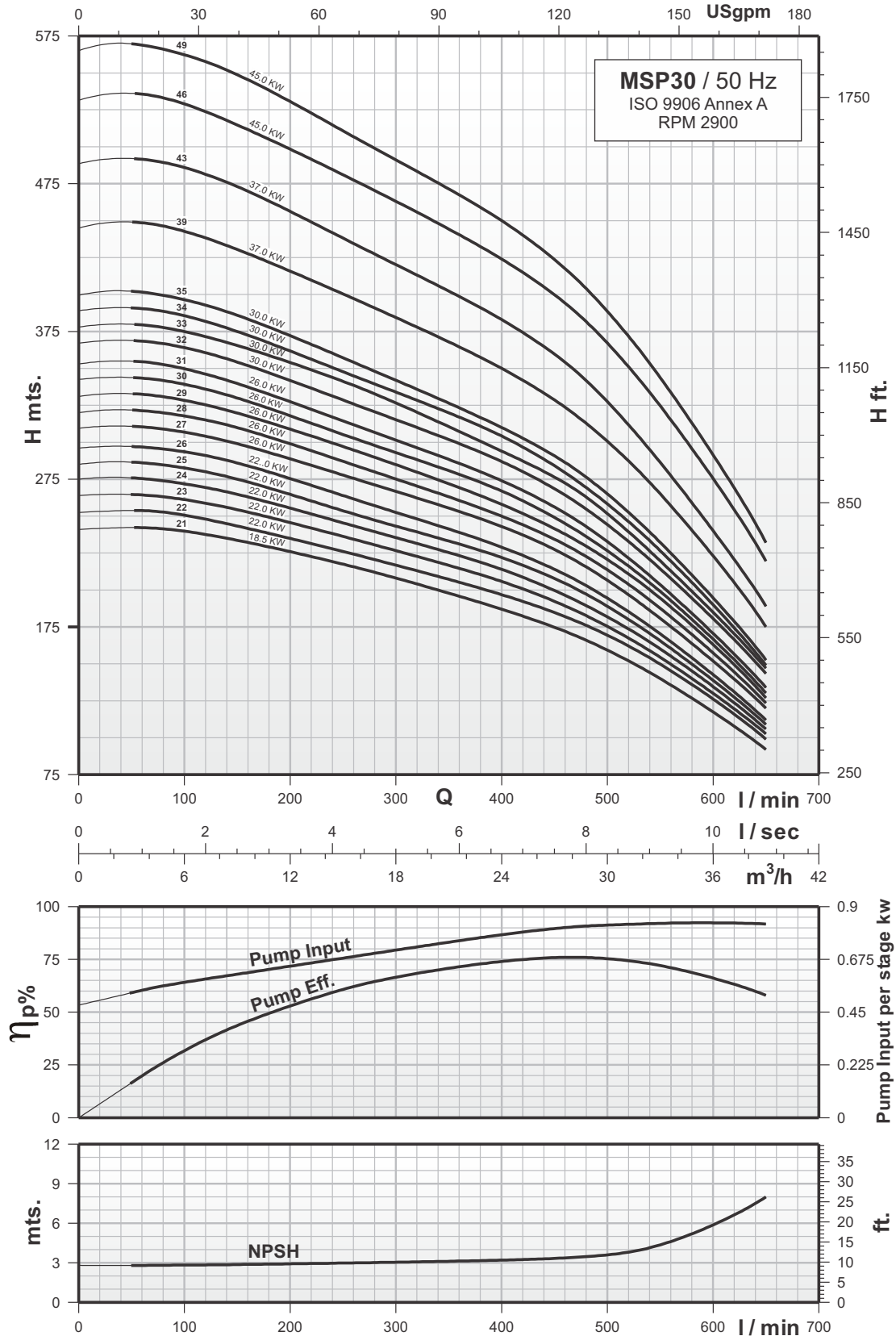


Technical Data

6" Stainless Steel Pumps

MSP30

Performance Curve





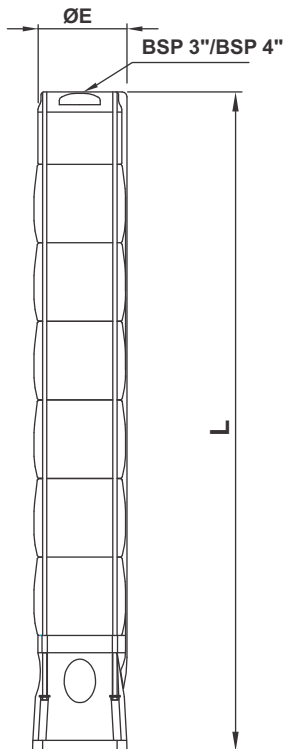
Technical Data

6" Stainless Steel Pumps

MSP46

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	10	20.2	30	40	50	60
				L/min	0	167	337	500	667	834	1000
MSP46/1-B	1.10	1.50	1	H mts.	10	9	8	7	6	4	-
MSP46/1	2.20	3.00	1		14	13	12	10	9	7	4
MSP46/2-BB	2.20	3.00	2		19	18	17	15	12	8	2
MSP46/2	3.00	4.00	2		27	25	24	21	18	14	8
MSP46/3-C	4.00	5.50	3		36	34	32	28	24	18	9
MSP46/3	5.50	7.50	3		41	40	36	32	28	23	15
MSP46/4-C	5.50	7.50	4		49	47	44	39	34	26	15
MSP46/4	7.50	10.0	4		54	52	48	44	38	31	20
MSP46/5	7.50	10.0	5		67	64	60	54	47	38	24
MSP46/6	9.30	12.5	6		81	77	72	65	56	45	30
MSP46/7	11.0	15.0	7		94	90	84	76	66	53	35
MSP46/8-C	11.0	15.0	8		103	98	91	82	71	56	35
MSP46/8	13.0	17.5	8		108	104	96	88	76	62	41
MSP46/9-C	13.0	17.5	9		117	112	104	94	82	65	41
MSP46/9	15.0	20.0	9		122	117	109	99	87	70	47
MSP46/10	15.0	20.0	10		135	129	120	109	95	76	51
MSP46/11	18.5	25.0	11	149	143	133	122	107	86	58	
MSP46/12	18.5	25.0	12	162	155	144	132	116	94	63	



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP46/1-B	4"	146	522	9.8	0.0151
MSP46/1	4"	146	522	9.8	0.0151
MSP46/2-BB	4"	146	635	12.5	0.0183
MSP46/2	4"	146	635	12.5	0.0183
MSP46/3-C	4"	146	748	15.3	0.0216
MSP46/3	4"	146	748	15.3	0.0216
MSP46/4-C	4"	146	861	18.0	0.0249
MSP46/4	4"	146	861	18.0	0.0249
MSP46/5	4"	146	974	20.8	0.0281
MSP46/4	6"	148	861	18.0	0.0249
MSP46/5	6"	148	974	20.8	0.0281
MSP46/6	6"	148	1087	23.5	0.0314
MSP46/7	6"	148	1200	26.3	0.0347
MSP46/8-C	6"	148	1313	29.0	0.0379
MSP46/8	6"	148	1313	29.0	0.0379
MSP46/9-C	6"	148	1426	31.8	0.0412
MSP46/9	6"	148	1426	31.8	0.0412
MSP46/10	6"	148	1539	34.5	0.0445
MSP46/11	6"	148	1652	37.3	0.0477
MSP46/12	6"	148	1765	40.0	0.0510

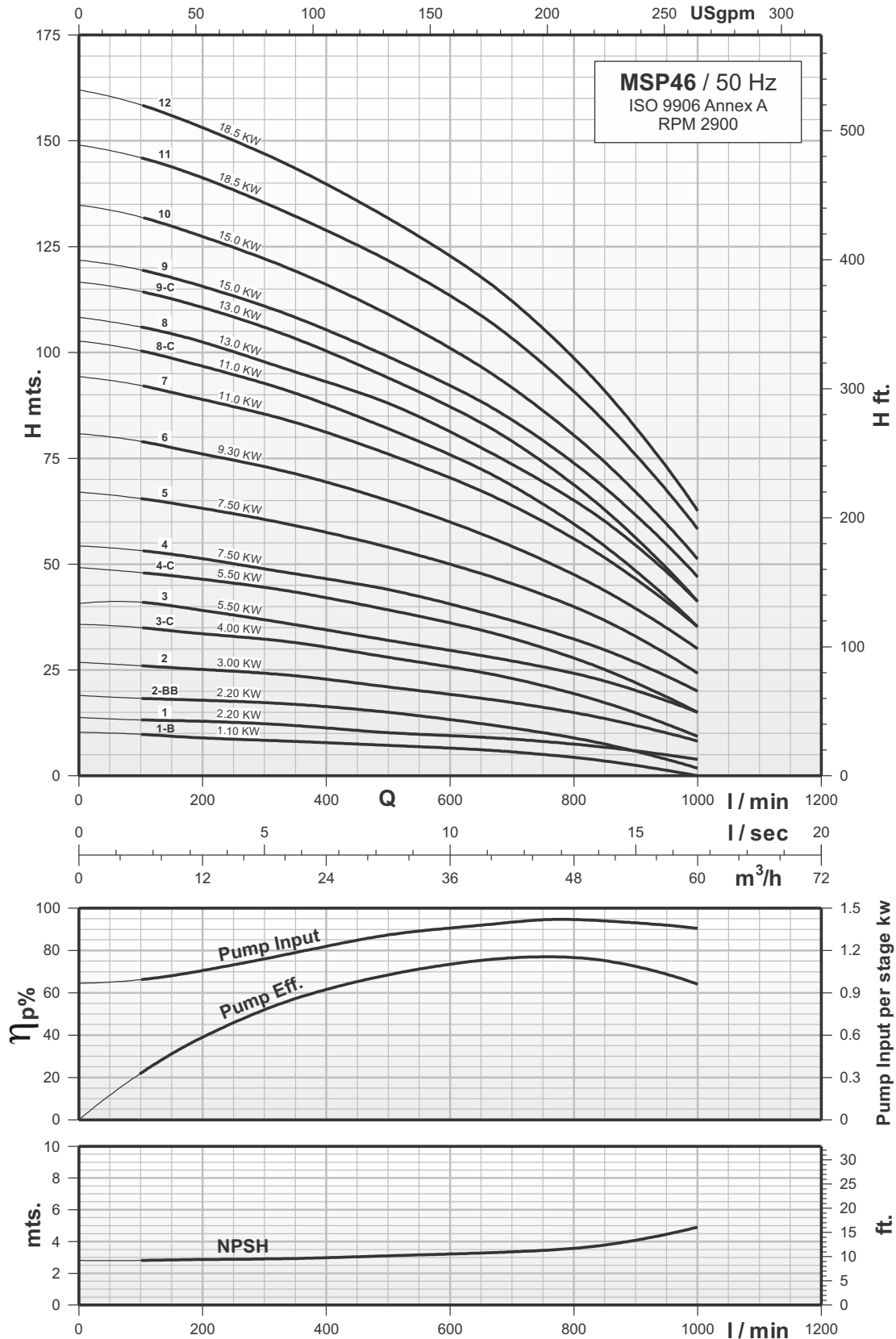


Technical Data

6" Stainless Steel Pumps

MSP46

Performance Curve





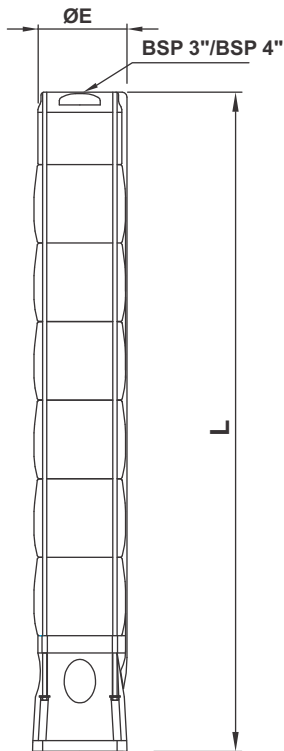
Technical Data

6" Stainless Steel Pumps

MSP46

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	10	20.2	30	40	50	60
				L/min	0	167	337	500	667	834	1000
MSP46/13	22.0	30.0	13	H mts.	176	168	157	143	126	102	69
MSP46/14	22.0	30.0	14		189	181	168	153	134	108	73
MSP46/15	22.0	30.0	15		202	193	180	163	142	115	77
MSP46/16	26.0	35.0	16		217	208	193	177	155	125	84
MSP46/17	26.0	35.0	17		229	220	205	187	163	131	89
MSP46/18	30.0	40.0	18		245	235	219	199	175	141	97
MSP46/19	30.0	40.0	19		258	246	230	209	183	148	101
MSP46/20	30.0	40.0	20		271	259	241	219	192	155	105
MSP46/21	37.0	50.0	21		285	274	255	233	205	167	115
MSP46/22	37.0	50.0	22		298	286	267	244	215	174	120
MSP46/23	37.0	50.0	23		311	298	278	254	223	180	124
MSP46/24	37.0	50.0	24		323	310	289	264	232	188	128
MSP46/26	45.0	60.0	26		358	343	321	294	260	213	148
MSP46/28	45.0	60.0	28		383	368	345	316	280	228	159
MSP46/30	45.0	60.0	30		410	393	368	337	298	243	168
MSP46/33	55.0	75.0	33		452	435	407	373	330	270	188
MSP46/35	55.0	75.0	35		479	460	430	395	350	285	199
MSP46/37	66.0	90.0	37	508	488	457	420	372	305	213	



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP46/13	6"	148	1878	42.8	0.0542
MSP46/14	6"	148	1991	45.5	0.0610
MSP46/15	6"	148	2104	48.3	0.0644
MSP46/16	6"	148	2217	51.0	0.0679
MSP46/17	6"	148	2330	53.8	0.0714
MSP46/18	6"	148	2443	56.6	0.0748
MSP46/19	6"	148	2556	59.3	0.0783
MSP46/20	6"	148	2669	62.1	0.0817
MSP46/21	6"	148	2782	64.8	0.0852
MSP46/22	6"	148	2895	67.6	0.0887
MSP46/23	6"	148	3008	70.3	0.0921
MSP46/24	6"	148	3121	73.1	0.0956
MSP46/26	8"	190	3347	78.6	0.1025
MSP46/28	8"	190	3573	84.1	0.1094
MSP46/30	8"	190	3799	89.6	0.1163
MSP46/33	8"	190	4138	97.8	0.1267
MSP46/35	8"	190	4364	103.3	0.1336
MSP46/37	8"	190	4590	108.9	0.1406

MSP46/33 to MSP37/24 is mounted in sleeve / adapter optional

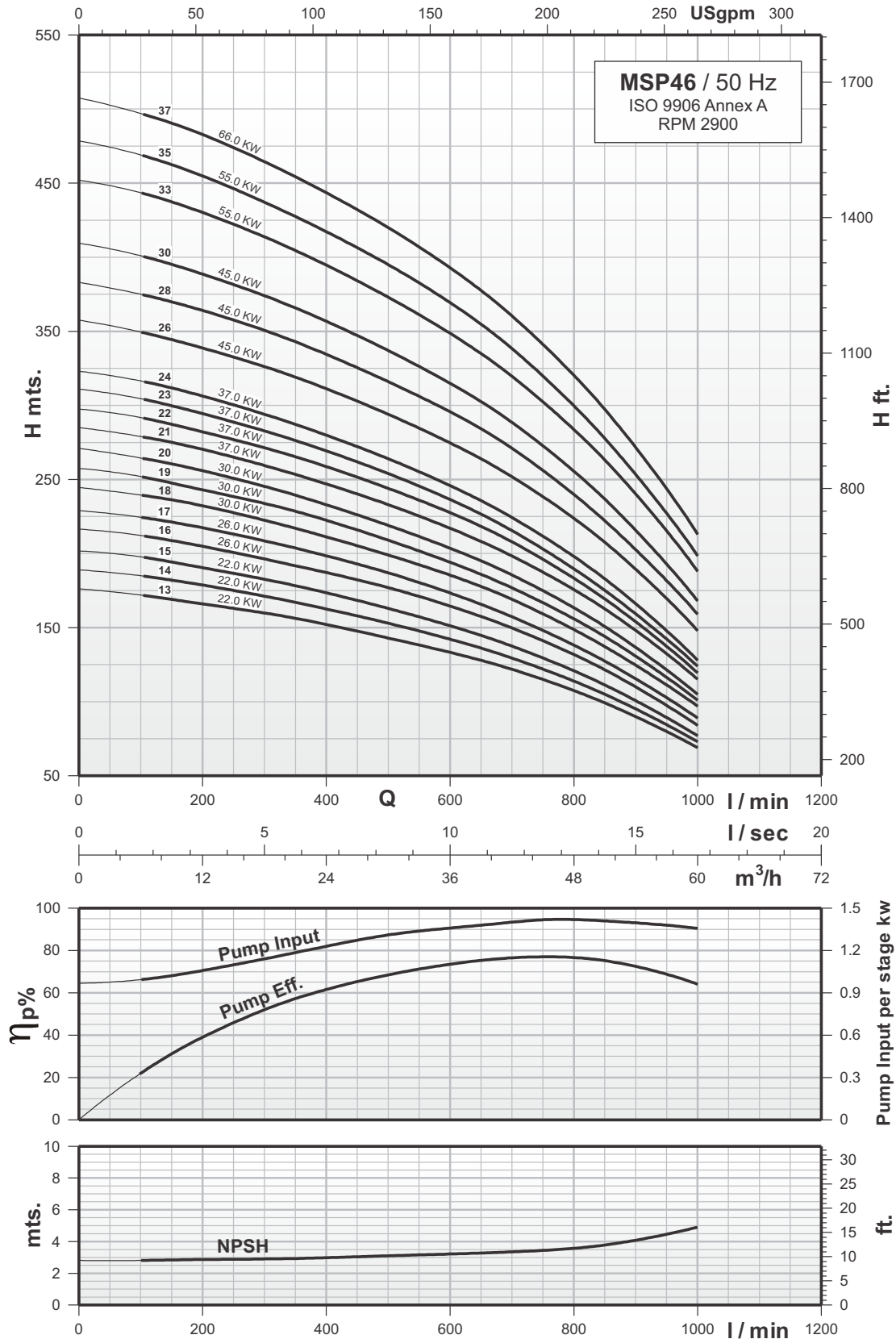


Technical Data

6" Stainless Steel Pumps

MSP46

Performance Curve





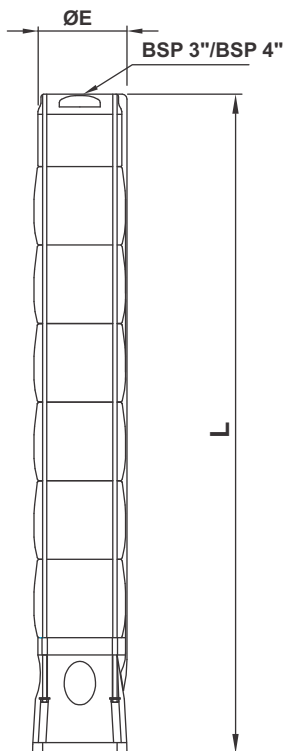
Technical Data

6" Stainless Steel Pumps

MSP60

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	20	30	40	50	70	78
				L/min	0	333	500	667	833	1167	1300
MSP60/1-A	1.50	2.00	1	H mts.	11	10	8	7	6	1	-
MSP60/1	2.20	3.00	1		14	13	11	9	8	4	1
MSP60/2-B	3.00	4.00	2		22	21	18	16	13	6	1
MSP60/2	4.00	5.50	2		28	26	23	19	17	10	6
MSP60/3	5.50	7.50	3		42	39	35	30	26	16	10
MSP60/4	7.50	10.0	4		56	53	47	41	35	22	14
MSP60/5	9.30	12.5	5		71	65	59	51	44	28	18
MSP60/6	11.0	15.0	6		85	79	71	62	54	34	22
MSP60/7	13.0	17.5	7		99	92	83	73	63	40	26
MSP60/8-B	13.0	17.5	8		108	100	90	80	68	42	26
MSP60/8	15.0	20.0	8		114	106	95	84	73	46	31
MSP60/9-B	15.0	20.0	9		122	113	102	90	78	48	31
MSP60/9	18.5	25.0	9		129	121	109	96	83	54	37
MSP60/10	18.5	25.0	10		143	133	120	106	92	60	41



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP60/1-A	4"	146	522	9.8	0.0151
MSP60/1	4"	146	522	9.8	0.0151
MSP60/2-B	4"	146	635	12.5	0.0183
MSP60/2	4"	146	635	12.5	0.0183
MSP60/3	4"	146	748	15.3	0.0216
MSP60/4	4"	146	861	18.0	0.0249
MSP60/4	6"	148	861	18.0	0.0249
MSP60/5	6"	148	974	20.8	0.0281
MSP60/6	6"	148	1087	23.5	0.0314
MSP60/7	6"	148	1200	26.3	0.0347
MSP60/8-B	6"	148	1313	29.0	0.0379
MSP60/8	6"	148	1313	29.0	0.0379
MSP60/9-B	6"	148	1426	31.8	0.0412
MSP60/9	6"	148	1426	31.8	0.0412
MSP60/10	6"	148	1539	34.5	0.0445

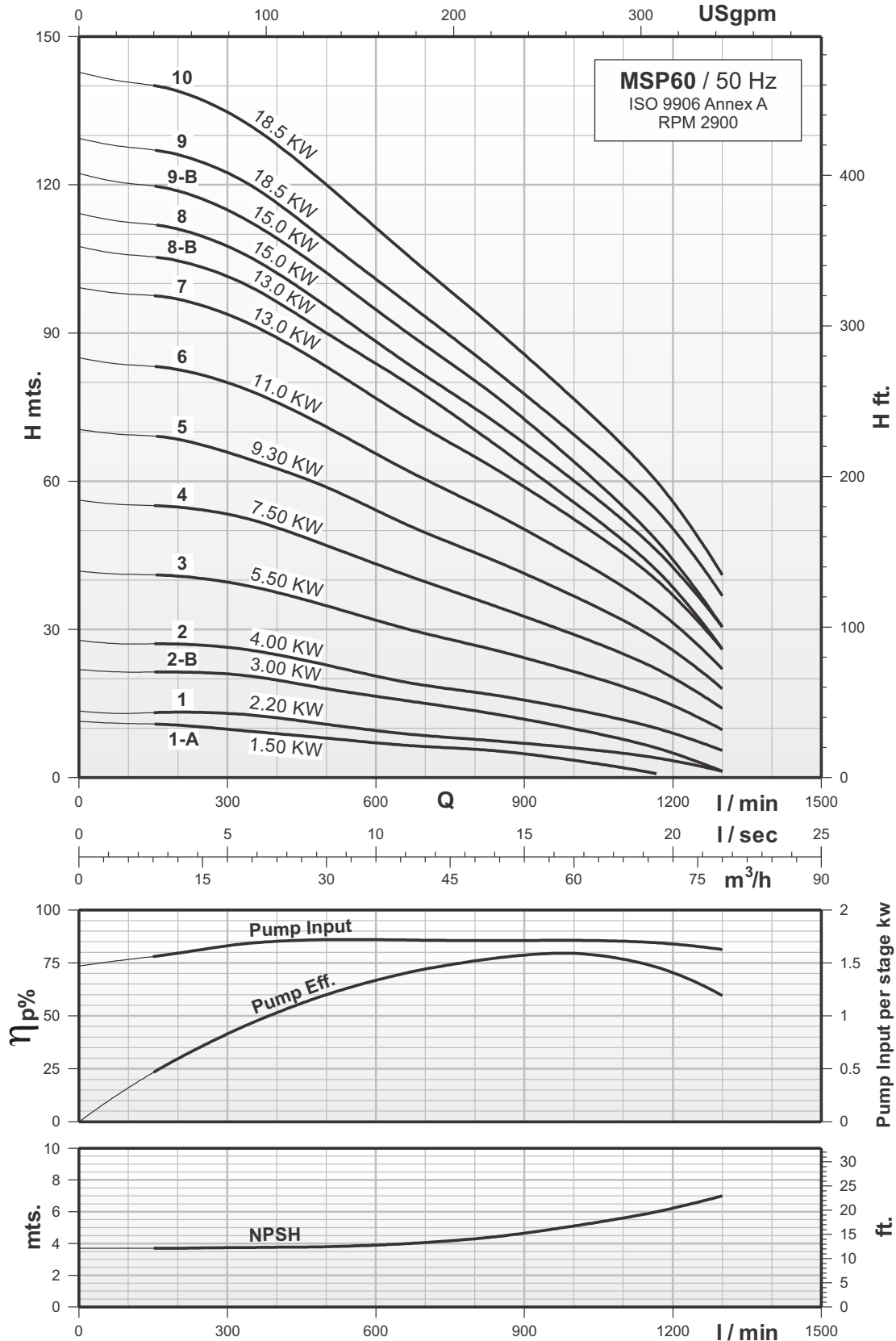


Technical Data

6" Stainless Steel Pumps

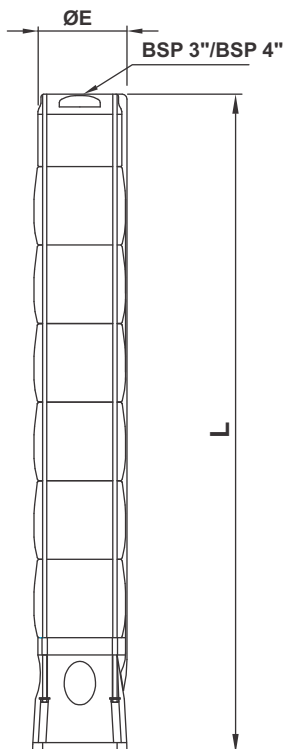
MSP60

Performance Curve



Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm						
				m ³ /h	0	20	30	40	50	70	78
				L/min	0	333	500	667	833	1167	1300
MSP60/11	22.0	30.0	11	H mts.	158	147	133	117	102	67	45
MSP60/12	22.0	30.0	12		172	159	143	126	110	72	50
MSP60/13	26.0	35.0	13		187	174	157	138	120	78	55
MSP60/14	26.0	35.0	14		200	186	168	148	129	85	58
MSP60/15	26.0	35.0	15		214	197	178	157	137	89	60
MSP60/16	30.0	40.0	16		230	213	192	168	147	95	65
MSP60/17	30.0	40.0	17		243	225	203	178	156	100	68
MSP60/18	37.0	50.0	18		260	242	220	193	168	111	78
MSP60/19	37.0	50.0	19		273	255	230	203	177	117	82
MSP60/20	37.0	50.0	20		287	267	242	213	184	122	85
MSP60/21	37.0	50.0	21		301	280	253	223	192	128	89
MSP60/22	45.0	60.0	22		323	302	274	242	211	141	100



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP60/11	6"	148	1652	37.3	0.0477
MSP60/12	6"	148	1765	40.0	0.0510
MSP60/13	6"	148	1878	42.8	0.0542
MSP60/14	6"	148	1991	45.5	0.0610
MSP60/15	6"	148	2104	48.3	0.0644
MSP60/16	6"	148	2217	51.0	0.0679
MSP60/17	6"	148	2330	53.8	0.0714
MSP60/18	6"	148	2443	56.6	0.0748
MSP60/19	6"	148	2556	59.3	0.0783
MSP60/20	6"	148	2669	62.1	0.0817
MSP60/21	6"	148	2782	64.8	0.0852
MSP60/22	8"	190	2895	67.6	0.0887

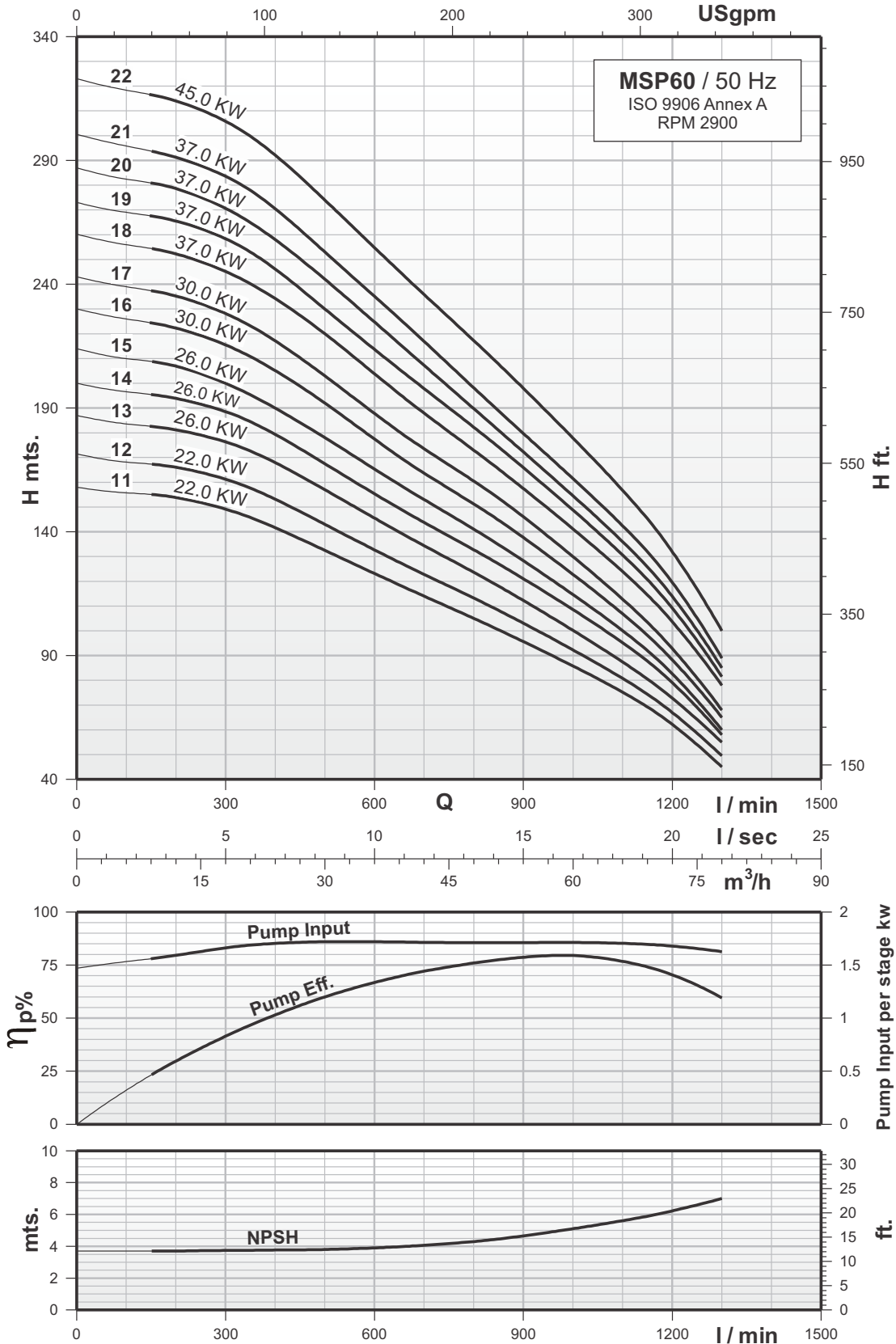


Technical Data

6" Stainless Steel Pumps

MSP60

Performance Curve





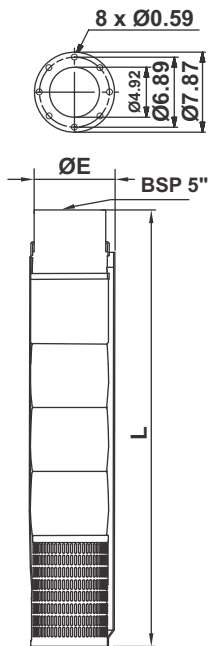
Technical Data

8" Stainless Steel Pumps

MSP77

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	20	40	60	80	100
				L/min	0	333	667	1000	1334	1667
MSP77/1	5.50	7.50	1	H mts.	22	20	17	14	12	7
MSP77/2-B	5.50	7.50	2		33	31	27	22	17	7
MSP77/2	7.50	10.0	2		41	39	33	28	23	14
MSP77/3-B	9.30	12.5	3		53	51	44	37	28	15
MSP77/3	11.0	15.0	3		61	58	50	42	34	20
MSP77/4-B	13.0	17.5	4		73	70	61	52	40	21
MSP77/4	15.0	20.0	4		81	78	68	57	46	27
MSP77/5	18.5	25.0	5		101	97	85	72	58	34
MSP77/6	22.0	30.0	6		120	116	102	86	69	41
MSP77/7	26.0	35.0	7		140	136	119	101	81	48
MSP77/8-B	26.0	35.0	8		152	147	129	108	84	48
MSP77/8	30.0	40.0	8		160	156	137	116	93	55



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP77/1	6"	178	748	25.8	0.0299
MSP77/2-B	6"	178	876	29.9	0.0350
MSP77/2	6"	178	876	29.9	0.0350
MSP77/3-B	6"	178	1004	34.0	0.0402
MSP77/3	6"	178	1004	34.0	0.0402
MSP77/4-B	6"	178	1132	38.1	0.0453
MSP77/4	6"	178	1132	38.1	0.0453
MSP77/5	6"	178	1260	42.2	0.0504
MSP77/6	6"	178	1388	46.2	0.0555
MSP77/7	6"	178	1516	50.3	0.0606
MSP77/8-B	6"	178	1659	54.5	0.0664
MSP77/8	6"	178	1644	54.4	0.0658

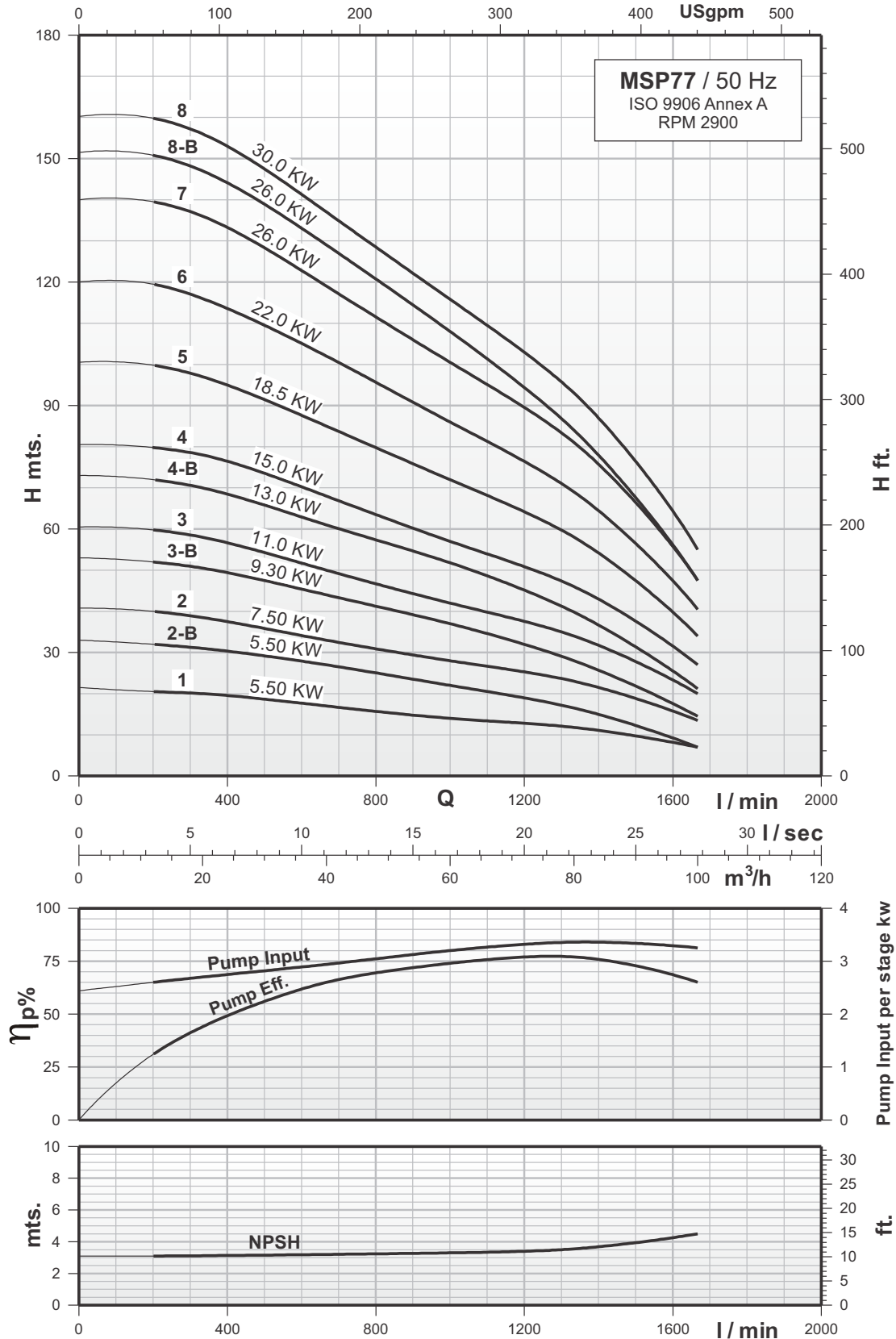


Technical Data

8" Stainless Steel Pumps

MSP77

Performance Curve





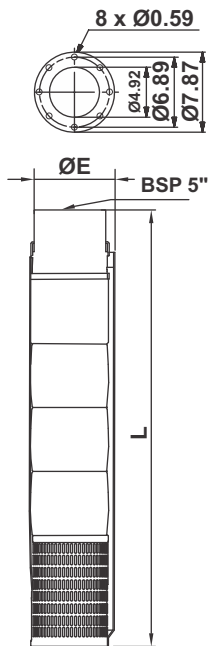
Technical Data

8" Stainless Steel Pumps

MSP77

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	20	40	60	80	100
				L/min	0	333	667	1000	1334	1667
MSP77/9	30.0	40.0	9	H mts.	179	174	152	128	103	62
MSP77/10	37.0	50.0	10		200	194	171	145	117	68
MSP77/11	37.0	50.0	11		218	213	186	158	127	75
MSP77/12	45.0	60.0	12		242	237	209	178	145	88
MSP77/13	55.0	75.0	13		264	259	228	195	158	98
MSP77/14	55.0	75.0	14		283	278	245	209	170	104
MSP77/15	55.0	75.0	15		302	297	261	222	181	110
MSP77/16	66.0	90.0	16		324	318	280	239	194	120
MSP77/17	66.0	90.0	17		343	337	298	253	207	125
MSP77/18	66.0	90.0	18		363	355	313	267	217	132
MSP77/19	75.0	100.0	19		383	375	332	282	230	140
MSP77/20	75.0	100.0	20		403	395	349	297	240	146



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP77/9	6"	178	1787	58.6	0.0803
MSP77/10	6"	178	1915	62.6	0.0861
MSP77/11	6"	178	2043	66.7	0.0918
MSP77/12	8"	200	2171	70.8	0.0976
MSP77/13	8"	200	2299	74.9	0.1033
MSP77/14	8"	200	2427	79.0	0.1091
MSP77/15	8"	200	2555	83.1	0.1148
MSP77/16	8"	200	2683	87.1	0.1206
MSP77/17	8"	200	2811	91.2	0.1263
MSP77/18	8"	200	2939	95.3	0.1321
MSP77/19	8"	200	3067	99.4	0.1378
MSP77/20	8"	200	3195	103.5	0.1436

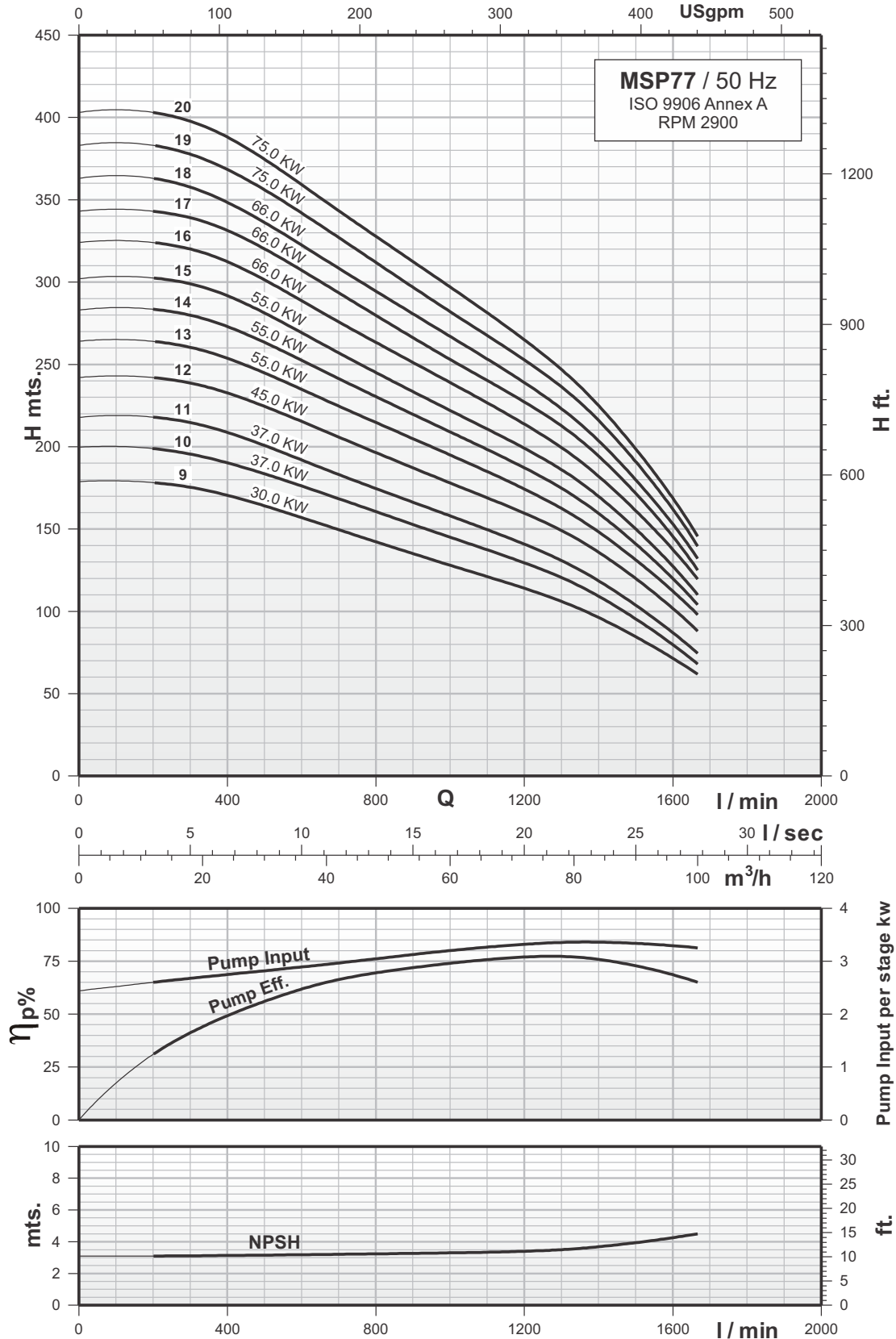


Technical Data

8" Stainless Steel Pumps

MSP77

Performance Curve





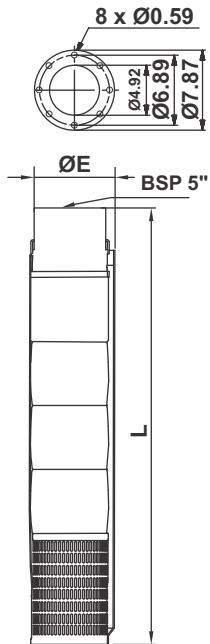
Technical Data

8" Stainless Steel Pumps

MSP95

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	20	40	70	90	123.8
				L/min	0	333	667	1167	1500	2063
MSP95/1	5.50	7.50	1	H mts.	23	21	18	14	13	6
MSP95/2-BB	5.50	7.50	2		27	26	23	19	14	-
MSP95/2-A	7.50	10.0	2		39	36	32	26	22	8
MSP95/2	9.30	12.5	2		44	41	36	29	25	11
MSP95/3-BB	9.30	12.5	3		49	46	40	32	25	7
MSP95/3-B	11.0	15.0	3		56	53	47	38	31	11
MSP95/3	13.0	17.5	3		65	62	55	44	38	18
MSP95/4-B	15.0	20.0	4		77	74	65	53	44	18
MSP95/4	18.5	25.0	4		86	82	72	59	51	24
MSP95/5-AB	18.5	25.0	5		94	89	80	65	54	21
MSP95/5	22.0	30.0	5		106	102	90	74	63	31
MSP95/6	26.0	35.0	6		129	123	110	90	77	36
MSP95/7	30.0	40.0	7		148	142	128	103	87	40



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP95/1	6"	178	748	25.8	0.0299
MSP95/2-BB	6"	178	876	29.9	0.0350
MSP95/2-A	6"	178	876	29.9	0.0350
MSP95/2	6"	178	876	29.9	0.0350
MSP95/3-BB	6"	178	1004	34.0	0.0402
MSP95/3-B	6"	178	1004	34.0	0.0402
MSP95/3	6"	178	1004	34.0	0.0402
MSP95/4-B	6"	178	1132	38.1	0.0453
MSP95/4	6"	178	1132	38.1	0.0453
MSP95/5-AB	6"	178	1260	42.2	0.0504
MSP95/5	6"	178	1260	42.2	0.0504
MSP95/6	6"	178	1388	46.2	0.0555
MSP95/7	6"	178	1516	50.3	0.0606

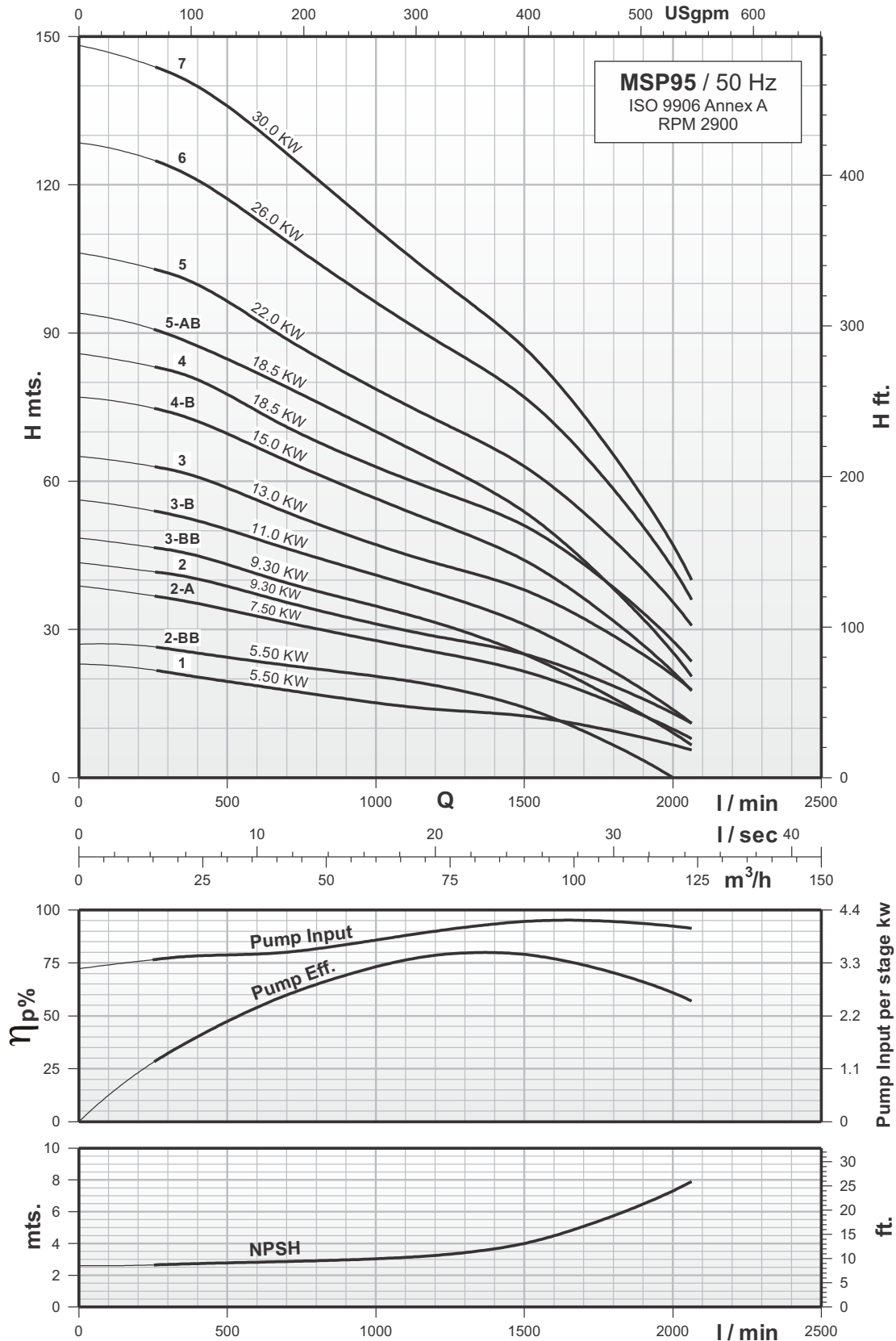


Technical Data

8" Stainless Steel Pumps

MSP95

Performance Curve





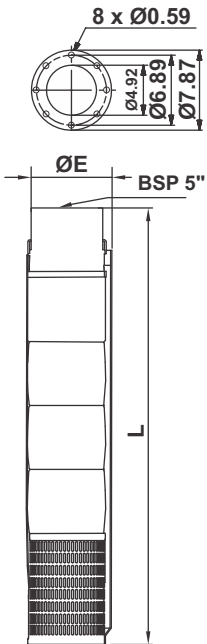
Technical Data

8" Stainless Steel Pumps

MSP95

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	20	40	70	90	123.8
				L/min	0	333	667	1167	1500	2063
MSP95/8	37.0	50.0	8	H mts.	170	163	145	119	102	48
MSP95/9	37.0	50.0	9		189	182	162	133	114	52
MSP95/10	45.0	60.0	10		214	206	185	153	132	63
MSP95/11	55.0	75.0	11		237	228	205	169	146	70
MSP95/12	55.0	75.0	12		258	248	222	183	157	76
MSP95/13	55.0	75.0	13		278	267	239	198	170	81
MSP95/14	66.0	90.0	14		300	288	259	214	185	89
MSP95/15	75.0	100.0	15		322	310	278	230	198	95
MSP95/16	75.0	100.0	16		342	330	296	244	210	100
MSP95/17	75.0	100.0	17		363	349	313	258	223	106
MSP95/18	93.0	125.0	18		383	369	330	273	235	111
MSP95/19	93.0	125.0	19		403	387	348	287	247	116
MSP95/20	93.0	125.0	20		423	407	365	300	258	122



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP95/8	6"	178	1644	54.4	0.0658
MSP95/9	6"	178	1787	58.6	0.0803
MSP95/8	8"	200	1659	54.5	0.0664
MSP95/9	8"	200	1787	58.6	0.0803
MSP95/10	8"	200	1915	62.6	0.0861
MSP95/11	8"	200	2043	66.7	0.0918
MSP95/12	8"	200	2171	70.8	0.0976
MSP95/13	8"	200	2299	74.9	0.1033
MSP95/14	8"	200	2427	79.0	0.1091
MSP95/15	8"	200	2555	83.1	0.1148
MSP95/16	8"	200	2683	87.1	0.1206
MSP95/17	8"	200	2811	91.2	0.1263
MSP95/18	8"	200	2939	95.3	0.1321
MSP95/19	8"	200	3067	99.4	0.1378
MSP95/20	8"	200	3195	103.5	0.1436

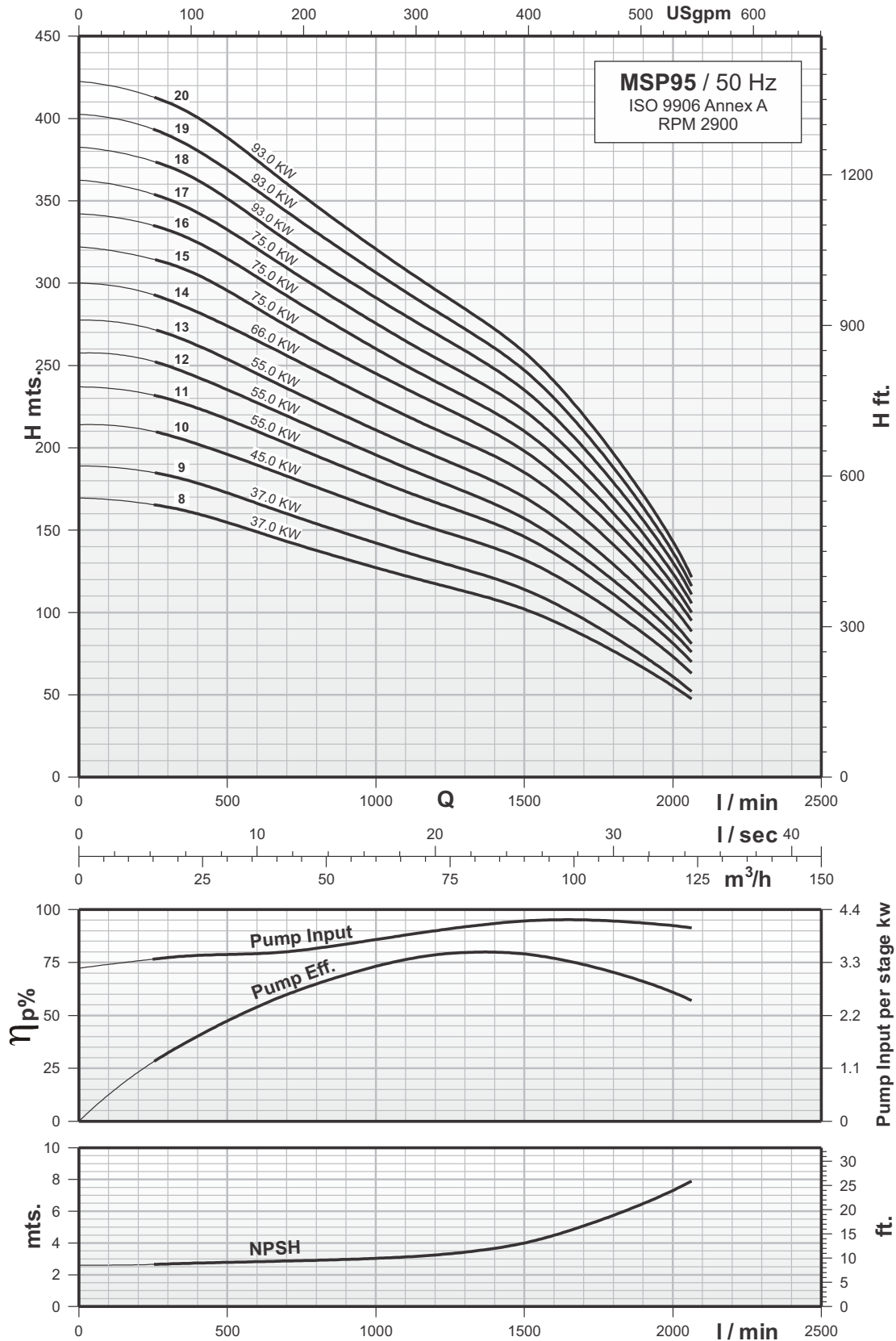


Technical Data

8" Stainless Steel Pumps

MSP95

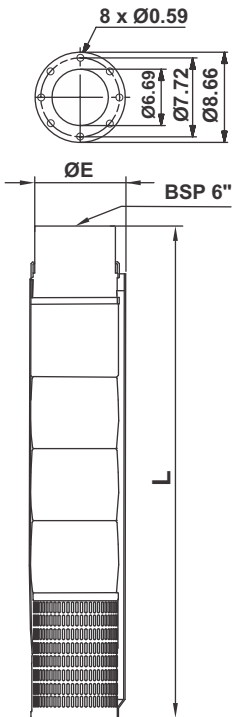
Performance Curve





Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	20	60	100	120	162.5
				L/min	0	333	1000	1667	2000	2708
MSP125/1-A	7.50	10.0	1	H mts.	21	22	19	16	14	5
MSP125/1	11.0	15.0	1		31	31	27	22	20	13
MSP125/2-AA	13.0	17.5	2		40	41	37	31	27	10
MSP125/2-A	18.5	25.0	2		50	50	46	40	34	18
MSP125/2	22.0	30.0	2		59	60	54	46	41	26
MSP125/3-AA	22.0	30.0	3		69	70	63	54	47	21
MSP125/3-A	26.0	35.0	3		78	79	72	61	54	30
MSP125/3	30.0	40.0	3		88	88	80	69	62	39
MSP125/4-AA	37.0	50.0	4		98	100	91	78	69	36
MSP125/4-A	37.0	50.0	4		107	108	99	85	76	44
MSP125/4	37.0	50.0	4		116	117	107	91	83	52
MSP125/5-AA	45.0	60.0	5		127	130	120	104	93	52
MSP125/5-A	45.0	60.0	5		137	139	128	110	100	59
MSP125/5	55.0	75.0	5		147	149	136	118	108	70
MSP125/6-AA	55.0	75.0	6		156	160	147	127	114	66
MSP125/6-A	55.0	75.0	6		166	168	155	134	121	74
MSP125/6	66.0	90.0	6		176	178	164	143	130	85
MSP125/7-AA	66.0	90.0	7		185	188	173	152	136	80



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP125/1-A	6"	211	791	26.0	0.0543
MSP125/1	6"	211	791	26.0	0.0543
MSP125/2-AA	6"	211	926	30.1	0.0636
MSP125/2-A	6"	211	926	30.1	0.0636
MSP125/2	6"	211	926	30.1	0.0636
MSP125/3-AA	6"	211	1081	34.3	0.0742
MSP125/3-A	6"	211	1081	34.3	0.0742
MSP125/3	6"	211	1081	34.3	0.0742
MSP125/4-AA	6"	211	1236	38.5	0.0848
MSP125/4-A	6"	211	1236	38.5	0.0848
MSP125/4	6"	211	1236	38.5	0.0848
MSP125/5-AA	8"	213	1391	42.7	0.0955
MSP125/5-A	8"	213	1391	42.7	0.0955
MSP125/5	8"	213	1391	42.7	0.0955
MSP125/6-AA	8"	213	1546	46.8	0.1061
MSP125/6-A	8"	213	1546	46.8	0.1061
MSP125/6	8"	218	1546	46.8	0.1061
MSP125/7-AA	8"	218	1701	51.0	0.1168

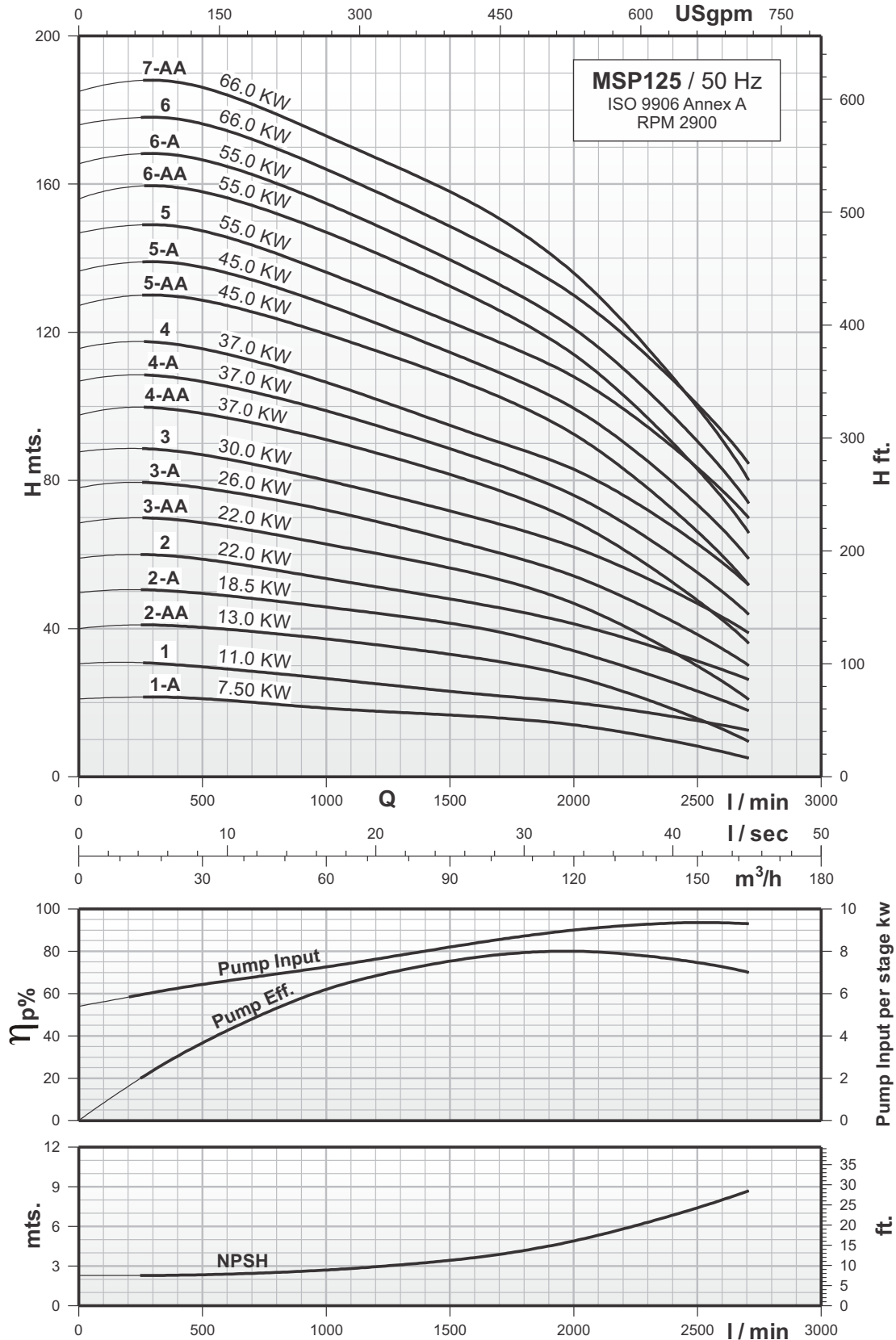


Technical Data

10" Stainless Steel Pumps

MSP125

Performance Curve





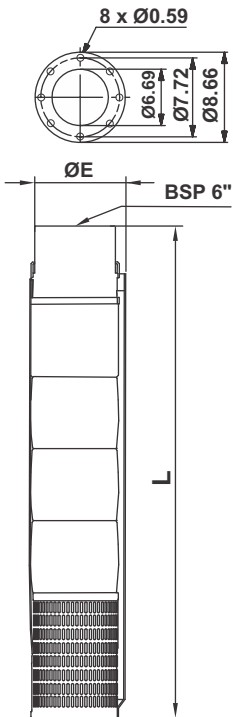
Technical Data

10" Stainless Steel Pumps

MSP125

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	20	60	100	120	162.5
				L/min	0	333	1000	1667	2000	2708
MSP125/7-A	66.0	90.0	7	H mts.	195	198	183	157	143	88
MSP125/7	75.0	100.0	7		204	207	190	167	150	98
MSP125/8-AA	75.0	100.0	8		214	217	201	173	157	93
MSP125/8-A	75.0	100.0	8		223	227	209	181	164	100
MSP125/8	75.0	100.0	8		232	236	216	188	170	108
MSP125/9-AA	93.0	125.0	9		242	247	226	197	177	105
MSP125/9-A	93.0	125.0	9		251	255	233	203	184	112
MSP125/9	93.0	125.0	9		260	265	242	210	190	120
MSP125/10-AA	93.0	125.0	10		269	275	252	218	196	115
MSP125/10-A	93.0	125.0	10		278	283	260	225	203	123
MSP125/10	93.0	125.0	10		287	293	268	232	210	131
MSP125/11	110.0	150.0	11		317	322	295	255	233	155
MSP125/12	135.0	180.0	12		350	355	328	285	261	175
MSP125/13	135.0	180.0	13		377	385	355	308	280	187
MSP125/14	150.0	200.0	14		409	415	385	335	307	207
MSP125/15	150.0	200.0	15		437	445	410	357	327	220
MSP125/16	165.0	225.0	16		466	475	438	382	350	238
MSP125/17	165.0	225.0	17	495	505	465	405	370	250	



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP125/7-A	8"	218	1701	51.0	0.1168
MSP125/7	8"	218	1701	51.0	0.1168
MSP125/8-AA	8"	218	1856	55.2	0.1274
MSP125/8-A	8"	218	1856	55.2	0.1274
MSP125/8	8"	218	1856	55.2	0.1274
MSP125/9-AA	8"	218	2011	59.4	0.1380
MSP125/9-A	8"	218	2011	59.4	0.1380
MSP125/9	8"	218	2011	59.4	0.1380
MSP125/10-AA	8"	218	2166	63.6	0.1487
MSP125/10-A	8"	218	2166	63.6	0.1487
MSP125/10	8"	218	2166	63.6	0.1487
MSP125/11	8"	218	2321	67.8	0.1593
MSP125/12	10"	240	2476	72.0	0.1700
MSP125/13	10"	240	2631	76.1	0.1806
MSP125/14	10"	240	2786	80.3	0.1912
MSP125/15	10"	240	2941	84.5	0.2019
MSP125/16	10"	240	3096	88.7	0.2125
MSP125/17	10"	240	3251	92.9	0.2232

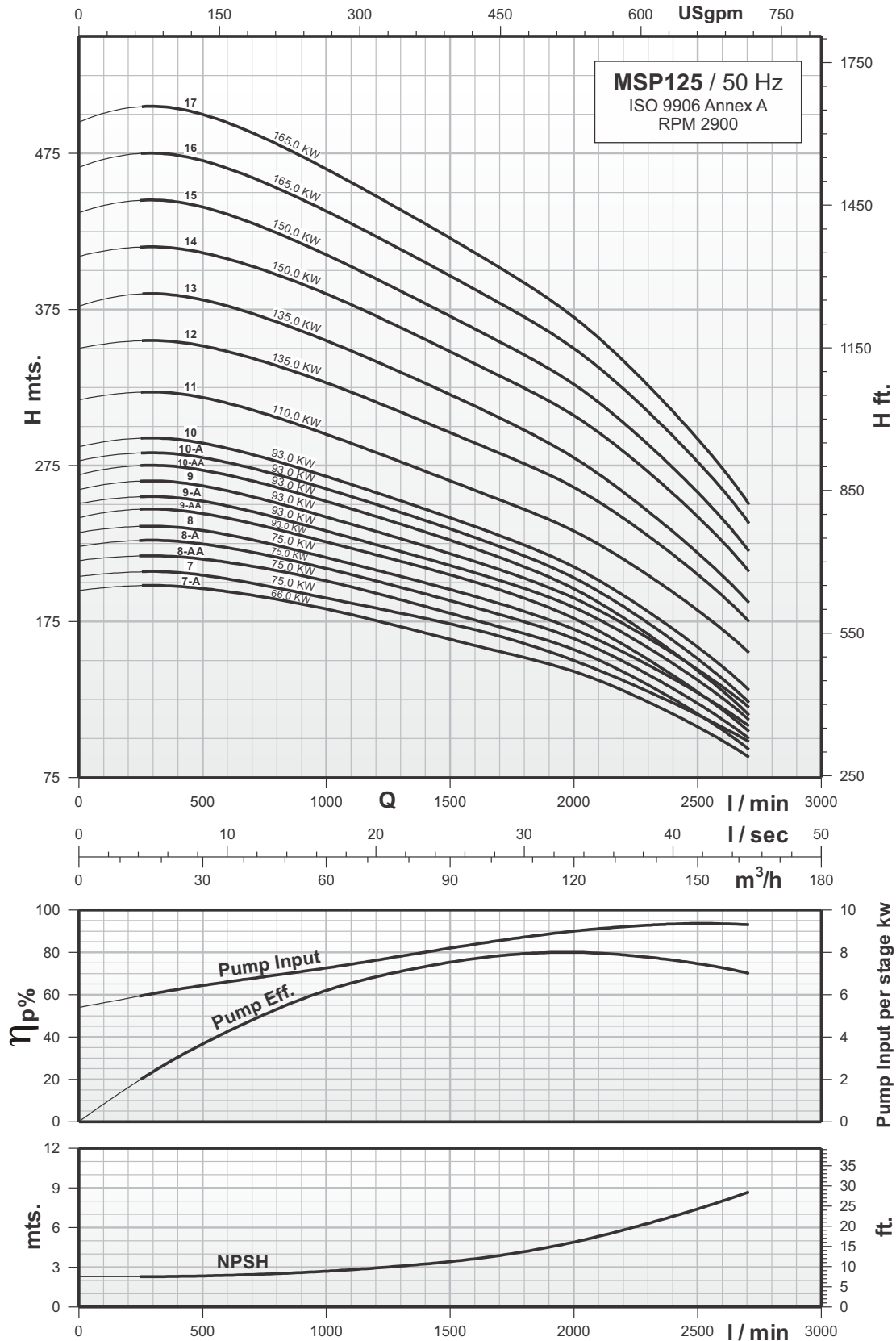


Technical Data

10" Stainless Steel Pumps

MSP125

Performance Curve





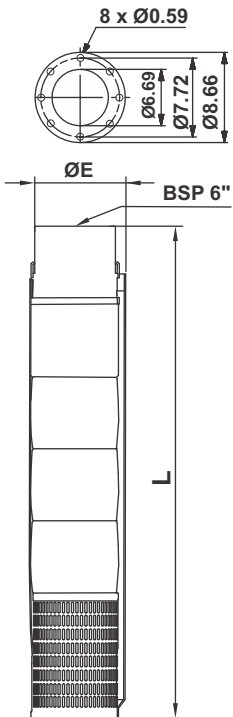
Technical Data

10" Stainless Steel Pumps

MSP160

Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	20	80	120	160	217
				L/min	0	333	1334	2000	2667	3617
MSP160/1-A	9.30	12.5	1	H mts.	24	24	19	16	13	4
MSP160/1	13.0	17.5	1		34	34	28	23	20	13
MSP160/2-AA	18.5	25.0	2		46	46	39	34	26	9
MSP160/2-A	22.0	30.0	2		56	56	47	40	33	18
MSP160/2	26.0	35.0	2		65	65	55	47	40	25
MSP160/3-AA	30.0	40.0	3		77	77	67	57	46	22
MSP160/3-A	37.0	50.0	3		87	88	75	64	54	31
MSP160/3	37.0	50.0	3		96	97	82	70	60	38
MSP160/4-AA	45.0	60.0	4		110	111	96	83	69	38
MSP160/4-A	45.0	60.0	4		119	120	103	89	76	46
MSP160/4	55.0	75.0	4		130	131	112	96	84	54
MSP160/5-AA	55.0	75.0	5		142	143	123	107	90	51
MSP160/5-A	55.0	75.0	5		151	152	131	113	96	58
MSP160/5	66.0	90.0	5		161	163	138	120	104	64



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP160/1-A	6"	211	791	26.0	0.0543
MSP160/1	6"	211	791	26.0	0.0543
MSP160/2-AA	6"	211	926	30.1	0.0636
MSP160/2-A	6"	211	926	30.1	0.0636
MSP160/2	6"	211	926	30.1	0.0636
MSP160/3-AA	6"	211	1081	34.3	0.0742
MSP160/3-A	6"	211	1081	34.3	0.0742
MSP160/3	6"	211	1081	34.3	0.0742
MSP160/4-AA	8"	218	1236	38.5	0.0848
MSP160/4-A	8"	218	1236	38.5	0.0848
MSP160/4	8"	218	1236	38.5	0.0848
MSP160/5-AA	8"	218	1391	42.7	0.0955
MSP160/5-A	8"	218	1391	42.7	0.0955
MSP160/5	8"	218	1391	42.7	0.0955

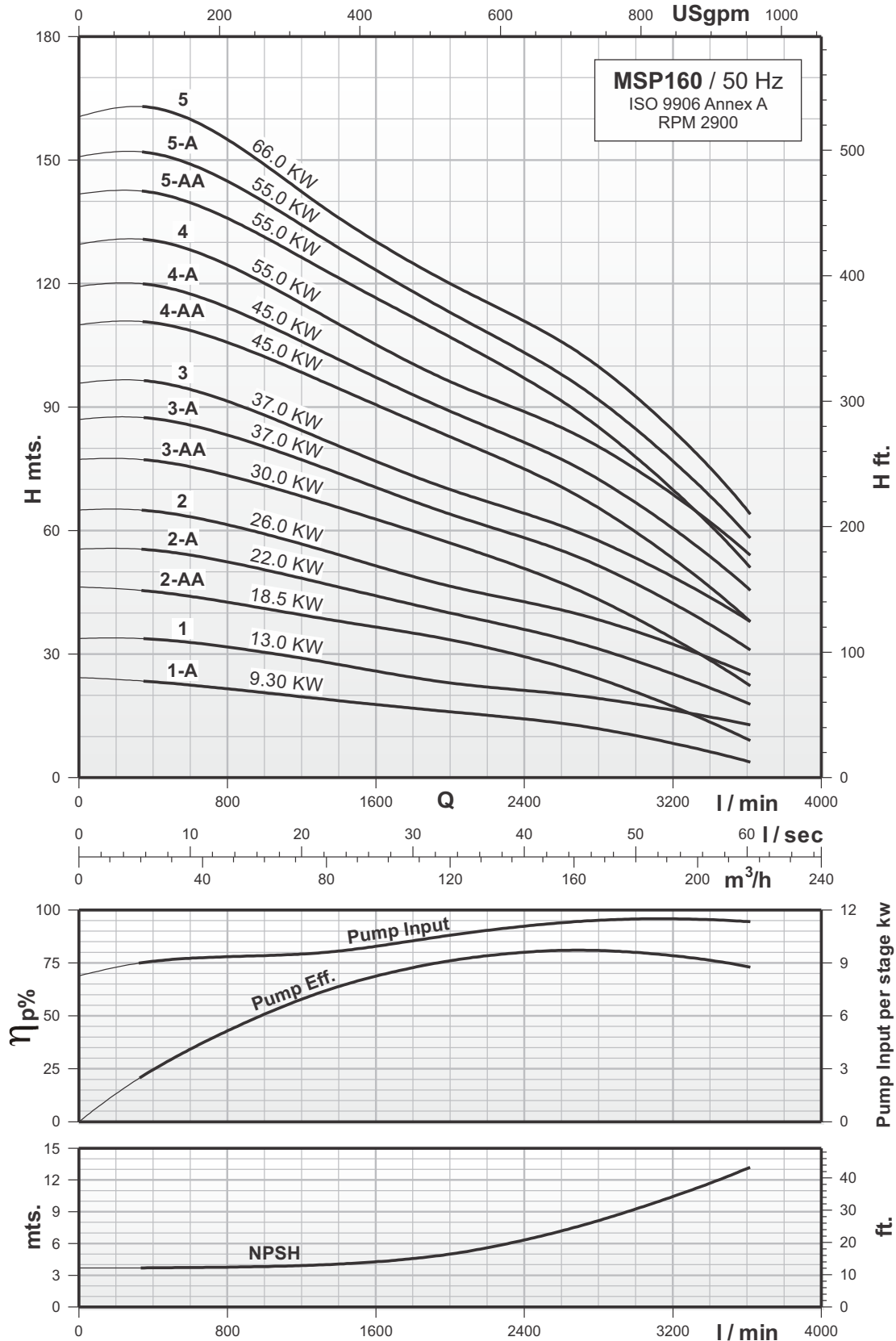


Technical Data

10" Stainless Steel Pumps

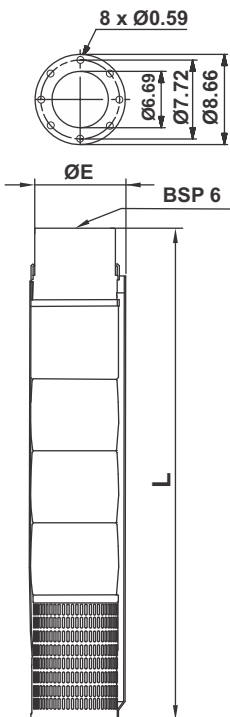
MSP160

Performance Curve



Performance Table

Model Name	kW	HP	Stage	Q	n = 2900 rpm					
				m ³ /h	0	40	120	200	240	280
				L/min	0	667	2000	3334	4000	4667
MSP215/1-A	15.0	20.0	1	H mts.	27	27	22	15	10	3
MSP215/1	18.5	25.0	1		38	37	30	23	19	12
MSP215/2-AA	30.0	40.0	2		55	54	47	35	25	12
MSP215/2-A	37.0	50.0	2		67	65	55	44	35	18
MSP215/2	45.0	60.0	2		80	78	64	52	44	28
MSP215/3-AA	55.0	75.0	3		95	94	82	67	52	29
MSP215/3-A	55.0	75.0	3		107	105	89	72	59	37
MSP215/3	66.0	90.0	3		119	117	97	79	67	47
MSP215/4-AA	75.0	100.0	4		135	132	114	92	74	45
MSP215/4-A	75.0	100.0	4		147	144	122	98	82	53
MSP215/4	75.0	100.0	4		158	155	129	105	87	62
MSP215/5-AA	93.0	125.0	5		173	170	146	117	95	59
MSP215/5-A	93.0	125.0	5		184	181	152	123	102	67
MSP215/5	93.0	125.0	5		195	192	160	130	108	75



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
MSP215/1-A	6"	241	790	49.0	0.0498
MSP215/1	6"	241	790	49.0	0.0498
MSP215/2-AA	6"	241	966	59.5	0.0761
MSP215/2-A	6"	241	966	59.5	0.0761
MSP215/2	8"	241	966	59.5	0.0761
MSP215/3-AA	8"	241	1142	101.0	0.1792
MSP215/3-A	8"	241	1142	101.0	0.1792
MSP215/3	8"	241	1142	101.0	0.1792
MSP215/4-AA	8"	241	1318	114.5	0.2306
MSP215/4-A	8"	241	1318	114.5	0.2306
MSP215/4	8"	241	1318	114.5	0.2306
MSP215/5-AA	8"	241	1494	128.0	0.2560
MSP215/5-A	8"	241	1494	128.0	0.2560
MSP215/5	8"	241	1494	128.0	0.2560

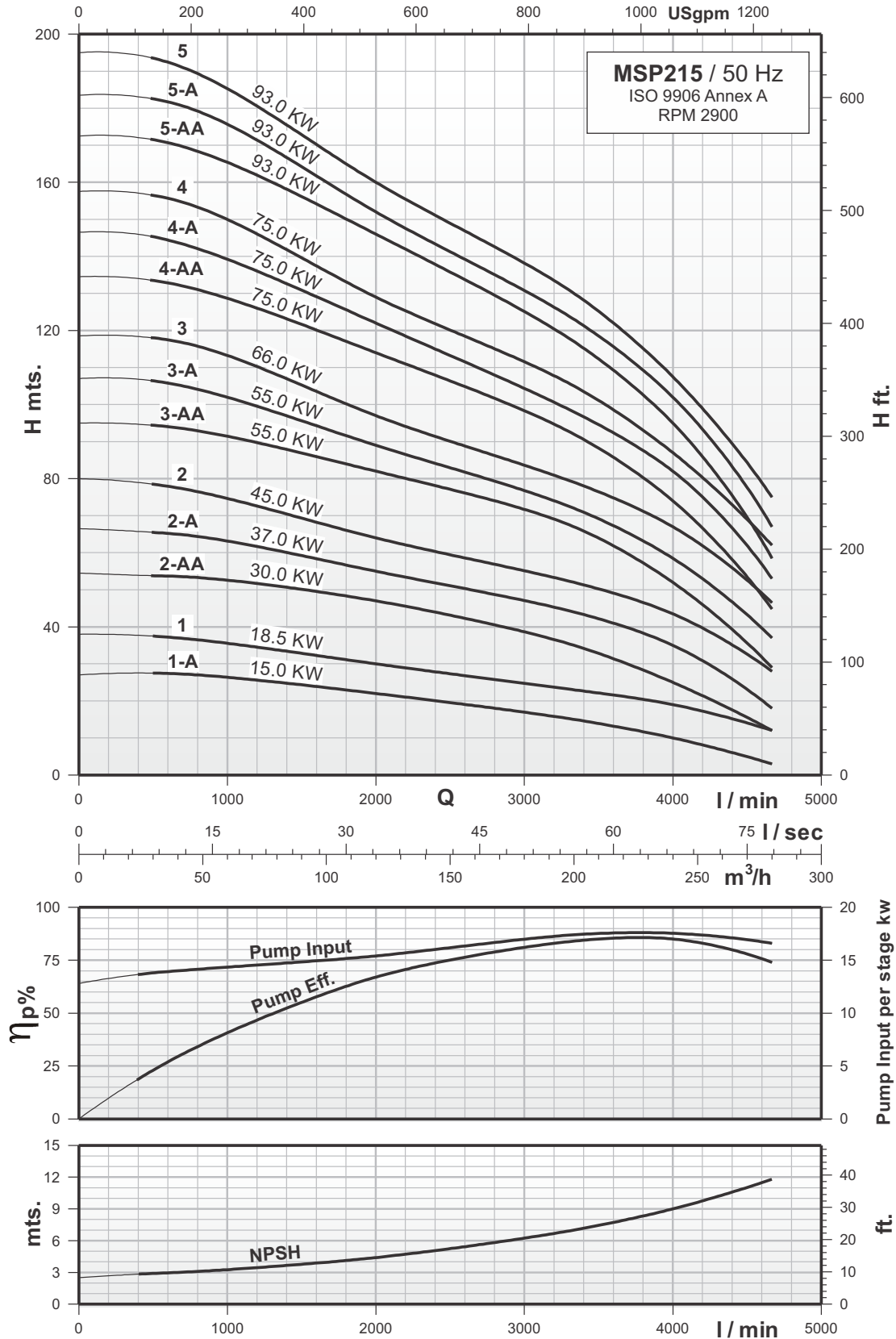


Technical Data

10" Stainless Steel Pumps

MSP215

Performance Curve

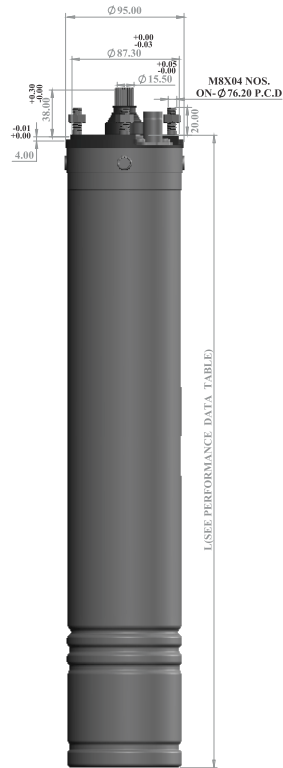




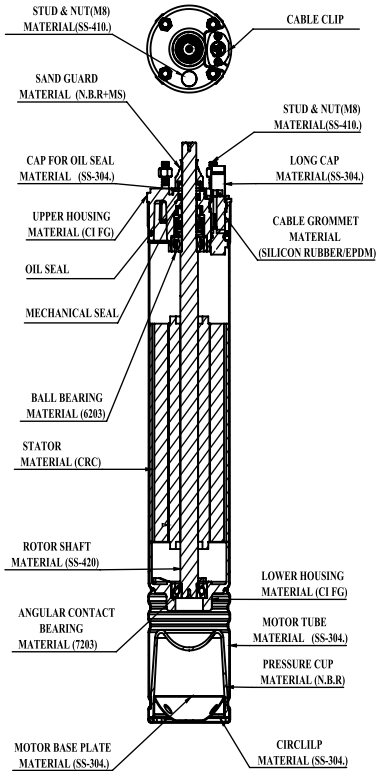
Submersible Rewindable Motors

4" Oil Filled Submersible Motors (MOS / MOT)

Dimensions

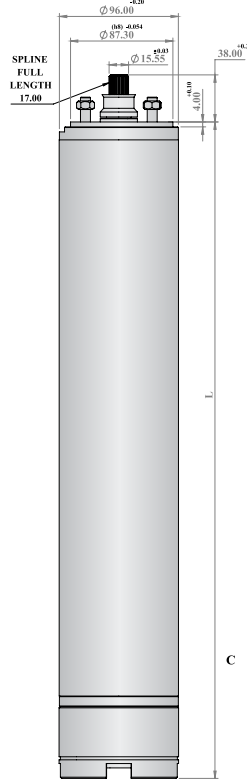


Construction

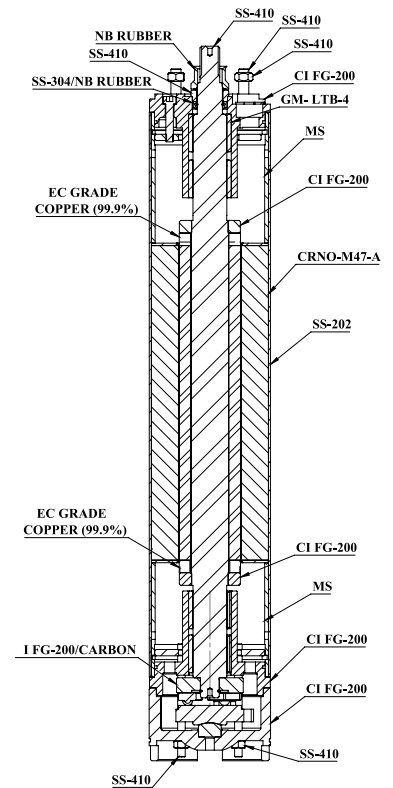


4" Water Filled Submersible Motors (MWS / MWT)

Dimensions

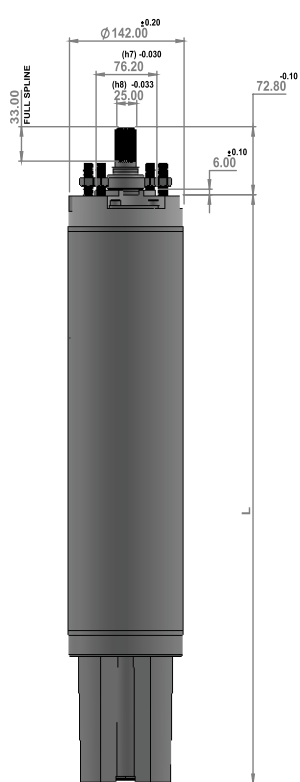


Construction

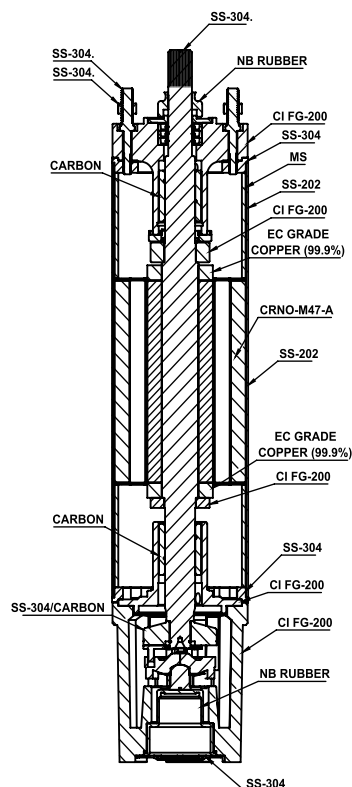


6" Rewindable Submersible Ergonomic Motors (ME / MES)

Dimensions

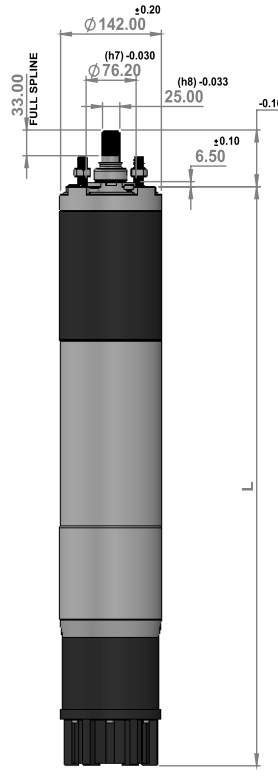


Construction

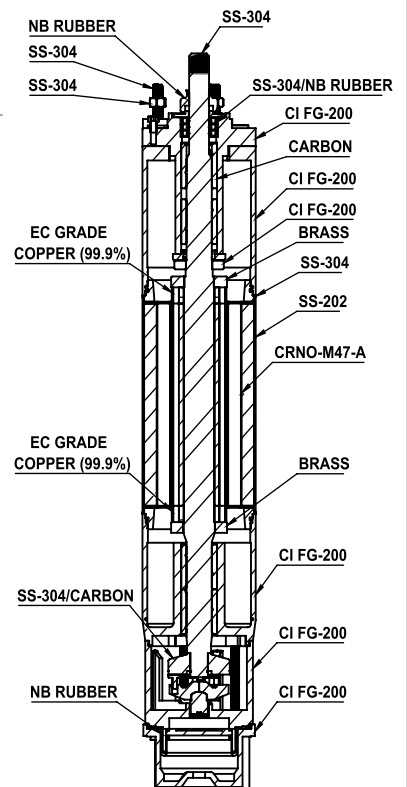


6" Rewindable Submersible Classic Motors (MC / MCS)

Dimensions



Construction





Submersible Rewindable Motors

4" Oil Filled Submersible Motors (MOS / MOT)

Mascot Pump Ltd has designed & developed reliable & Strong Oil filled motor for domestic & Agriculture use the motor is Built with Full Stainless Steel 304 and Copper Winding. It is designed to work even on low voltage.

FEATURES

- Suitable for 4" / 100 mm borehole
- Filled with Non Toxic Oil for cooling & lubrication.
- 100% Copper winding
- High efficiency design to SAVE Power cost.
- Shaft and mounting as per NEMA standards
- can work in Vertical & Horizontal mounting.

TECHNICAL SPEC

Rated Power	Volts	Hz	Tolerance
0.37 to 2.2kW	220-230V	50	+6% / -10%
2.2 to 7.5kW	380-415V	50	+6% / -10%
Available in	110-230V	60	1Phase
	220/380V	60	3Phase

- Designed for Continuous duty, IP68 protection
- Insulation Class F, Amb. water temp 35°C
- Minimum Cooling flow 0.08 m/sec
(Use cooling sleeve for 150+ Diameter well)



4" Water Filled Submersible Motors (MWS / MWT)

Mascot Pump Ltd, designed and developed a strong & reliable motors in its ISO9001 certified factory that produces 4" to 10" Pumps & Motors for Global markets. Taking care of various geography and electrical infrastructure, mascot has special designed motors that can start and run at Low voltage.

FEATURES

- Suitable for 4" / 100 mm borehole
 - Water filled, water lubricated motor.
 - Pre-filled with Non Toxic liquid.
 - 100% copper wire, PVC/PE insulated.
 - Easily rewindable design with min. cost.
 - High efficiency, low operational cost.
 - Suitable for Amb. Temp of 45o C
 - Provided with fix Rubber cable.
 - Low Voltage trouble free working.
- 1Ph : 140-230V, 3Ph: 300-440V, 50Hz

TECHNICAL SPEC

Rated Power	Volts	Hz	Tolerance
0.37 to 2.2kW	220-230V	50	+6% / -10%
2.2 to 7.5kW	380-415V	50	+6% / -10%
Available in	110-230V	60	1Phase
	220/380/440/460V	60	3Phase

- Designed for Continuous duty, IP68 protection
- Insulation Class B, Amb. water temp 45°C
- Minimum Cooling flow 0.08 m/sec PH : 7- 8
- Shaft & Motor adaptor as per NEMA std.
- Cable : 3 mt Rubber – 3core & 4 core



6" Rewindable Submersible Ergonomic Motors (ME / MES)

Ergonomic is an applied science concerned with designing and arranging things people use so that the people and things interact most efficiently and safely. Mascot Pump Ltd, has designed and developed keeping in mind its customers and their application so that they get Reliable and Safe motor which is Value for Money.

FEATURES

- Suitable for 6" / 150 mm borehole
- Water filled, water lubricated motor.
- Pre-filled with Non Toxic liquid.
- 100% copper wire, PVC/PE insulated.
- LWL Silicon Steel & Copper Rotor.
- Easily rewindable design with min. cost.
- High efficiency, low operational cost.
- Suitable for Amb. Temp of 45° C
- CED coated CI motor & SS304 Stator body.
- Available in SS 304 / SS 316 Const.

TECHNICAL SPEC

4 to 18.5kW	380-415V, 50Hz
	220/380/440/460V, 60Hz

- Designed for Continuous duty, IP68 protection
- Maximum 20 starts per hour, DOL/ S/D option
- Insulation Class B, Amb. water temp 45°C
- Minimum Cooling flow : 0.2 m/sec PH : 7- 8
- Shaft & Motor adaptor as per NEMA std.
- Cable : 6mm2 3 mt Rubber – 3core & 4 core
- Bush : Spiral, Carbon for horizontal operation
- Shaft Seal : Lip Seal / Mechanical Seal



6" Rewindable Submersible Classic Motors (MC / MCS)

Classic products are judged over a period of time to be of the highest quality and outstanding of its kind. Mascot Pump Ltd, has designed and developed this motor squeezing its 20 years of experience in borehole business. We know the motors may need to go deep down to 500-700mts. It would run under some toughest conditions tirelessly. We have tested motor for 24x7 working.

FEATURES

- Suitable for 6" / 150 mm borehole
- Water filled, water lubricated motor.
- Pre-filled with Non Toxic liquid.
- 100% copper wire, PVC/PE insulated.
- LWL Silicon Steel & Copper Rotor.
- Easily rewindable design with min. cost.
- High efficiency, low operational cost.
- Suitable for Amb. Temp of 45° C
- CED coated CI motor & SS304 Stator body.
- Available in SS 304 / SS 316 Const.

TECHNICAL SPEC

4 to 45 kW	380-415V, 50Hz
	220/380/440/460V, 60Hz

- Designed for Continuous duty, IP68 protection
- Maximum 20 starts per hour, DOL/ S/D option
- Insulation Class B, Amb. water temp 45°C
- Minimum Cooling flow : 0.2 m/sec PH : 7- 8
- Shaft & Motor adaptor as per NEMA std.
- Cable : 6mm2 3 mt Rubber – 3core & 4 core
- Bush : Spiral, Carbon for horizontal operation
- Shaft Seal : Lip Seal / Mechanical Seal





MASCOT
Pump Limited
An ISO Certified Company

Phase-I, 13, Naroda, G.I.D.C., Ahmedabad-382 330. Gujarat (India)

Phone : **+91 79 22818161**,

Email : **export@mascotpumps.com**, Website : **www.mascotpumps.com**

Product Improvement is a continuous process at 'MASCOT'. The data given in this publication is therefore subject to revision.

