

For more than **29** years we have been developing, designing and manufacturing centrifugal pumps for special applications with a focus on submersible motor pumps for **domestic water supply**, mining and petrochemicals.

Furthermore, we supply parts and assemblies for all kinds of centrifugal pumps. Also we are able to modify mechanic components as well as the hydraulic system with manufacturer know-how.

Together with our approx. **48** employees, we supply customers worldwide.



Managing directors: Markus Urban and Dr. Nils Schumann

1994 – Foundation of Kramp, Kamara & Baermann GmbH

2011 – Relocation to the new production facility in Zweibruecken

2016 – Inauguration of the new internal test field (1 – 1,200m<sup>3</sup>/h; up to 63bar; drive power up to 300kW)

2018 – Production & assembly of the first „BK830“

**2021 – Takeover by new shareholders & new management**



We and our products are certified according to:  
DIN EN ISO 9001:2015 | DIN EN ISO 14001:2015  
**DIN EN ISO 45001:2018**

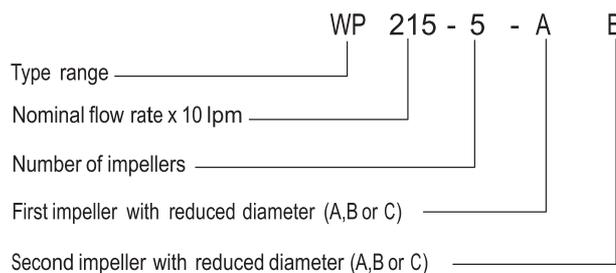


## Applications

The pumps are suitable for the following applications:

- raw water supply
- irrigation systems
- groundwater lowering
- pressure boosting
- industrial applications

## Type Key



## Pumped Liquids

Clean, thin, non-aggressive liquids without solid particles or fibers. The max. sand content is 100 mg/lit.

## Operating Conditions

Flow rate Q: 0.1 - 550 m<sup>3</sup>/h  
 Head H: max. 1150m  
 Max. installation pressure: 30 bar max (436 PSI)

### Maximum Liquid Temp.:

Motor	Installation		
	Flow velocity past motor	Vertical	Horizontal
KKB 4", 6" & 8"	0.15 m/s	50 °C	50 °C

Operating pressure: Maximum 1150m (113bar)

## Curve Conditions

- Curve tolerance according to ISO 9906, Annex A
- The performance curves show pump performance at actual speed cf. standard motor range.
- The speed of the motors is approximately :
  - 4" and 6" motors : n=2870 min-1
  - 8" to 12" motors : n=2900 min-1
- The measurements were made with airless water at a temperature of 20°C. The curves apply to a kinematic viscosity of 1mm<sup>2</sup>/5. When pumping liquids with density higher than that of water, motors with correspondingly higher outputs must be used.
- The bold curves indicate the recommended performance range.
- The performance curves are inclusive of possible losses such as non-return valve loss.

## Table of Head Losses

- Q/H : The curves are inclusive of valve and inlet losses at the actual speed.
- Power Curve : BP kW / Stage shows pump power input per stage.
- Efficiency Curve : Efficiency shows pump stage efficiency.

### WP 6 -10" Curves

- Q/H : The curves are inclusive of valve and inlet losses at the actual speed.
- Operation without non-return valve (NRV) will increase the actual head at nominal performance by 0.5 - 1.0 m.
- NPSHR The curve is inclusive of suction case and shows required inlet pressure.
- Power Curve: It shows pump power input at the actual speed for each individual pump size.
- Efficiency Curve : Efficiency shows pump stage efficiency.



## Features and Benefits

### A wide Pump Range

We offers submersible pumps of WP series multistage single suction Centrifugal pumps with energy- efficient duty points ranging from 0.1 to 550 m<sup>3</sup>/h. The pump range consists of many pump sizes - and each pump size is available with an optional number of stages to match any duty point.

### High Pumps Efficiency

Often pump efficiency is a neglected factor compared to the price variations are without importance of pump and motor efficiencies.

#### Example:

When pumping 125 m<sup>3</sup>/h with a head of 200m for a period of 10 years \$ 60,000 will be saved if a pumps and motors having a 10% higher efficiency is chosen and the price is \$ 0.10 per kWh.

### Applications

We offers a complete range of pumps and motors which as a standard are made completely of stainless steel AISI – 304 / AISI 304L / AISI 316. This provides for good wear resistance and a reduced risk of corrosion when pumping ordinary cold water with a minor content of chloride.

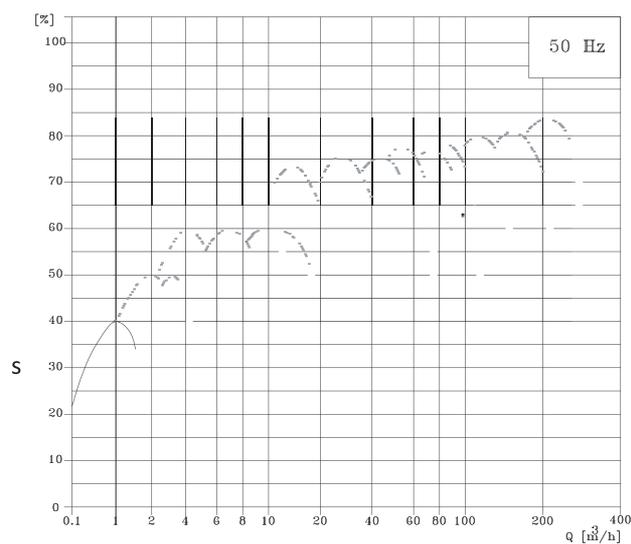
### Low Installation Costs

Stainless steel means low weight facilitating the handling of pumps and resulting in low equipment costs and reduced installation and service time. In addition pumps will be as new after service due to the high wear resistance of stainless steel.

### Pumped Liquids

The Maximum sand content is 100 mg/m<sup>3</sup>

The Minimum Iron Content is 2 mg/litre



Pump efficiency overview

**PUMP IT**

**UP**



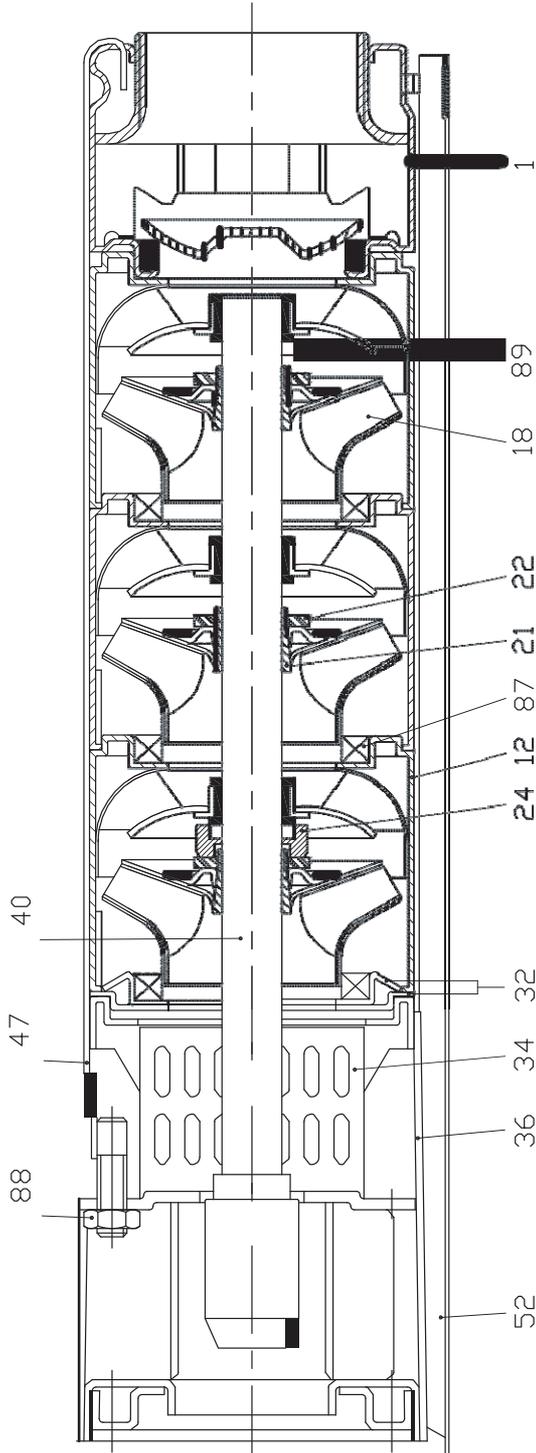
Made in Germany

**KKB**<sup>®</sup>  
PUMPENTECHNIK

General Data

## Material Specification

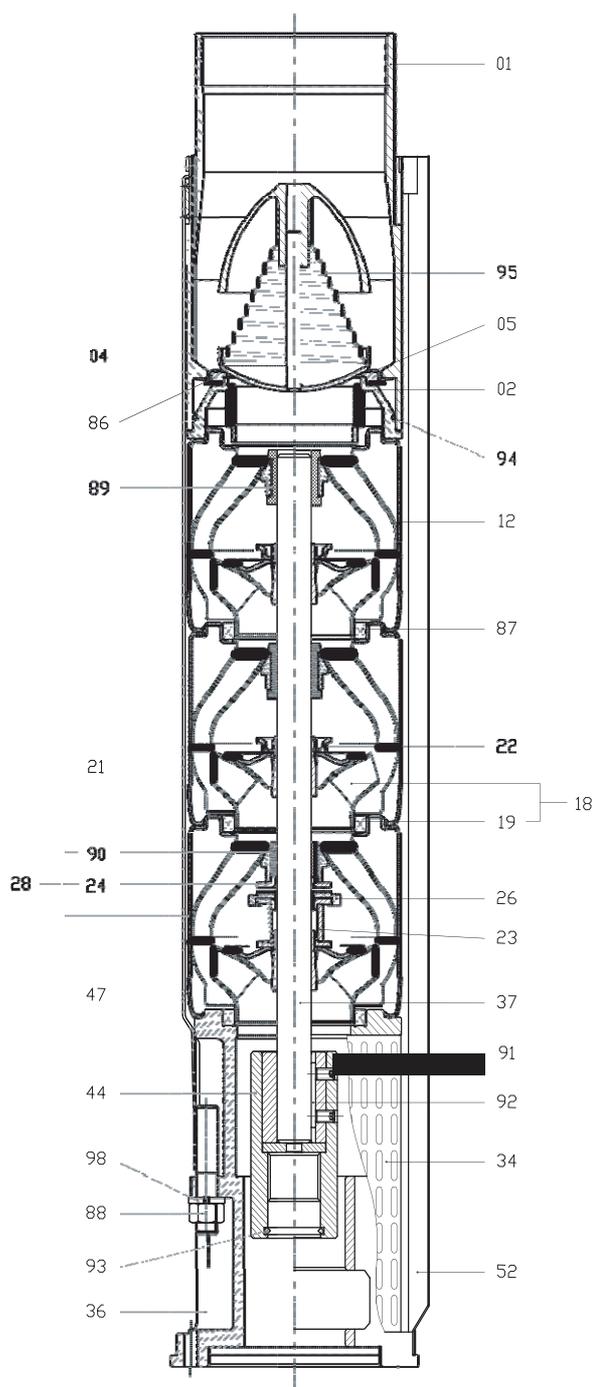
### Submersible Pump



Pos.	Components	Material	Standard
01	Discharge	Stainless Steel	304
12	Diffuser	Stainless Steel	304
18	Impeller	Stainless Steel	304
21	Split Cone	Stainless Steel	304
22	Split Cone Nut	Stainless Steel	304
24	Stop Ring	Carbon/ Graphite/ PTFE	
32	Neck Ring Retainer	Stainless Steel	304
34	Strainer	Stainless Steel	304
36	Suction Interconnector	Stainless Steel	304
40	Pump Shaft	Stainless Steel	431
37	Coupling	Stainless Steel	304
47	Strap	Stainless Steel	304
52	Cable Guard	Stainless Steel	304
87	Neck Ring	SS304+NBR	
88	Nut	Stainless Steel	304
89	Bearing	NBR	

- AISI 316, AISI 304L, AISI 316L stainless steel pumps are available on request.

## Parts

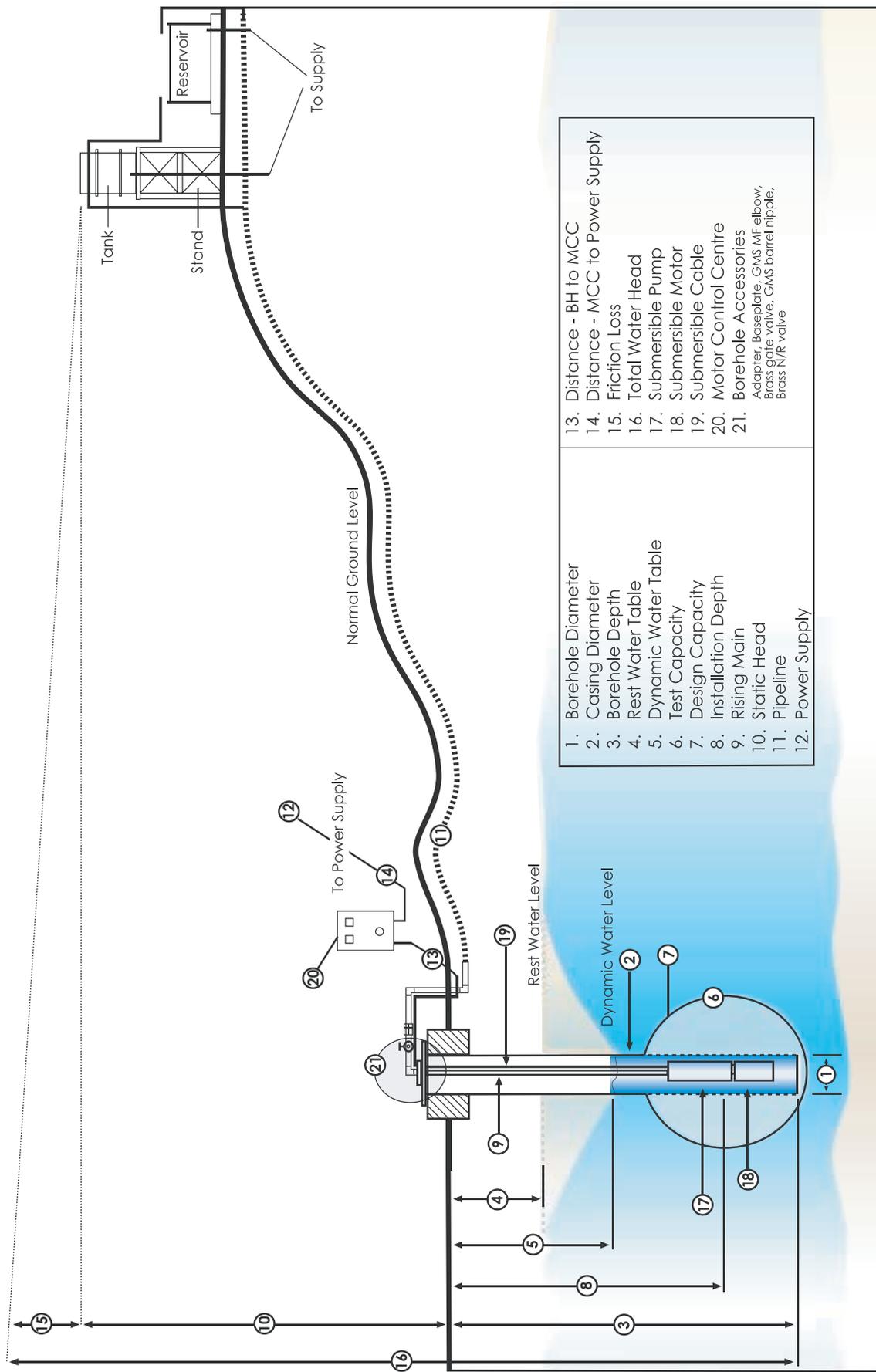


### Submersible Pump

Pos.	Components	Material	Standard
01	Discharge	Stainless Steel	304
02	Lower Valve Seat Retainer	Stainless Steel	304
04	Valve Cone	Stainless Steel	304
05	Upper Valve Seat Retainer	Stainless Steel	304
12	Diffuser	Stainless Steel	304
18	Impeller	Stainless Steel	304
19	Ring of Impeller	Stainless Steel	304
21	Split Cone	Stainless Steel	304
22	Split Cone Nut	Stainless Steel	304
23	Nut for Stop Ring	Stainless Steel	304
24	Stop Ring	Stainless Steel	304
26	Spacing Washer for Stop Ring	Carbon/ Graphite/ PTFE	
28	Bottom Diffuser	Stainless Steel	304
34	Strainer	Stainless Steel	304
36	Suction Interconnector	Stainless Steel	304
37	Pump Shaft	Stainless Steel	431
44	Coupling	Stainless Steel	304
47	Strap	Stainless Steel	304
52	Cable Guard	Stainless Steel	304
86	Valve Seat	NBR	
87	Neck Ring	SS304+NBR	
88	Nut	Stainless Steel	304
89	Bearing	NBR	
90	Bearing	NBR+SS304	
91	Screw	Stainless Steel	304
92	Key	Stainless Steel	304
93	O-ring	NBR	
94	O-ring	NBR	
95	Spring	Stainless Steel	304
98	Spring Washer	Stainless Steel	304

AISI 304L, 316, 316L stainless steel pumps are available on request.

## Installation Drawing



# Stainless Steel Submersible Pumps

## WP06-10 (01 to 24 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h	0	3,6	7,2	10,8	12,0	14,4	16	18
		kW	HP			0	1	2	3	3,3	4	4,4	5
WP06-10.07.01	1	0,55	0,75	1.6	Head (m)	8	8	8	7	6	5	4	3
WP06-10.14.02	2	0,75	1	2		17	17	16	14	13	11	9	6
WP06-10.23.03	3	1,1	1,5	2.8		27	27	26	23	21	18	15	11
WP06-10.31.04	4	1,5	2	3.8		36	36	35	31	29	24	20	15
WP06-10.38.05	5	2,2	3	5.3		46	46	44	38	36	30	25	18
WP06-10.46.06	6	2,2	3	5.3		55	55	52	46	43	36	30	22
WP06-10.54.07	7	3	4	7.2		64	64	61	54	51	42	36	26
WP06-10.63.08	8	4	5,5	9.5/10.2		75	75	71	63	59	49	42	31
WP06-10.71.09	9	4	5,5	9.5/10.2		84	84	80	71	66	56	47	35
WP06-10.79.10	10	4	5,5	9.5/10.2		93	93	89	79	74	62	52	39
WP06-10.86.11	11	4	5,5	9.5/10.2		103	103	98	86	81	68	57	42
WP06-10.94.12	12	5,5	7,5	12.6/13.3		112	112	107	94	89	74	63	46
WP06-10.102.13	13	5,5	7,5	12.6/13.3		121	121	115	102	96	80	68	50
WP06-10.110.14	14	5,5	7,5	12.6/13.3		131	130	124	110	103	87	73	54
WP06-10.118.15	15	5,5	7,5	12.6/13.3		140	140	133	118	111	93	78	58
WP06-10.126.16	16	7,5	10	17/17.2		149	149	142	126	118	99	84	62
WP06-10.134.17	17	7,5	10	17/17.2		159	158	151	134	125	105	89	65
WP06-10.141.18	18	7,5	10	17/17.2		168	168	160	141	133	111	94	69
WP06-10.149.19	19	7,5	10	17/17.2		177	177	169	149	140	118	99	73
WP06-10.157.20	20	7,5	10	17/17.2		187	186	178	157	148	124	105	77
WP06-10.165.21	21	7,5	10	17/17.2		196	196	186	165	155	130	110	81
WP06-10.173.22	22	9,3	12,5	20.8		205	205	195	173	162	136	115	85
WP06-10.181.23	23	9,3	12,5	20.8		215	214	204	181	170	142	120	89
WP06-10.189.24	24	9,3	12,5	20.8		224	224	213	189	177	148	125	92

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	Φ M	Φ P	Motor	Pump	Total
WP06-10.07.01	1	0,75	0,75	691	361	330	95	132	8.6	5	13.6
WP06-10.14.02	2	1	1	771	381	390	95	132	9.5	7	16.5
WP06-10.23.03	3	1,5	1,5	852	401	451	95	132	10.35	8	18.35
WP06-10.31.04	4	2	2	952	441	511	95	132	10.4	10	20.4
WP06-10.38.05	5	3	3	1043	471	572	95	132	13.9	11	24.9
WP06-10.46.06	6	3	3	1103	471	632	95	132	13.9	13	26.9
WP06-10.54.07	7	4	4	1223	530	693	95	132	16.2	14	30.2
WP06-10.63.08	8	4	5,5	1353/1402	600/649	753	95/142	132	19.8/40	15	34.8/55
WP06-10.71.09	9	4	5,5	1414/1463	600/649	814	95/142	132	19.8/40	17	36.8/57
WP06-10.79.10	10	4	5,5	1474/1523	600/649	874	95/142	132	19.8/40	18	37.8/58
WP06-10.86.11	11	4	5,5	1535/1584	600/649	935	95/142	132	19.8/40	20	39.8/60
WP06-10.94.12	12	5,5	7,5	1650/1644	655/649	995	95/142	132	22.5/40	21	43.5/61
WP06-10.102.13	13	5,5	7,5	1711/1705	655/649	1056	95/142	132	22.5/40	23	45.5/63
WP06-10.110.14	14	5,5	7,5	1771/1765	655/649	1116	95/142	132	22.5/40	24	46.5/64
WP06-10.118.15	15	5,5	7,5	1832/1826	655/649	1177	95/142	132	22.5/40	26	48.5/66
WP06-10.126.16	16	7,5	10	2032/1915	795/678	1237	95/142	132	28.8/43.5	27	55.8/70.5
WP06-10.134.17	17	7,5	10	2093/1976	795/678	1298	95/142	132	28.8/43.5	28	56.8/71.5
WP06-10.141.18	18	7,5	10	2153/2036	795/678	1358	95/142	132	28.8/43.5	30	58.8/73.5
WP06-10.149.19	19	7,5	10	2214/2097	795/678	1419	95/142	132	28.8/43.5	31	59.8/74.5
WP06-10.157.20	20	7,5	10	2274/2157	795/678	1479	95/142	132	28.8/43.5	33	61.8/76.5
WP06-10.165.21	21	7,5	10	2335/2218	795/678	1540	95/142	132	28.8/43.5	34	62.8/77.5
WP06-10.173.22	22	9,3	12,5	2358	758	1600	142	132	50	36	86
WP06-10.181.23	23	9,3	12,5	2419	758	1661	142	132	50	37	87
WP06-10.189.24	24	9,3	12,5	2479	758	1721	142	132	50	39	89

# Stainless Steel Submersible Pumps

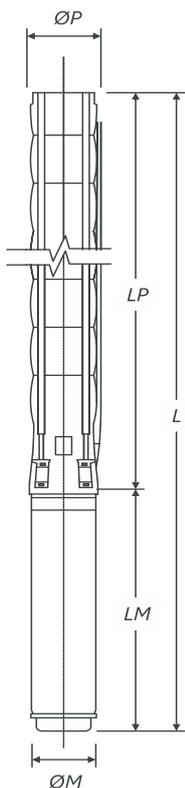
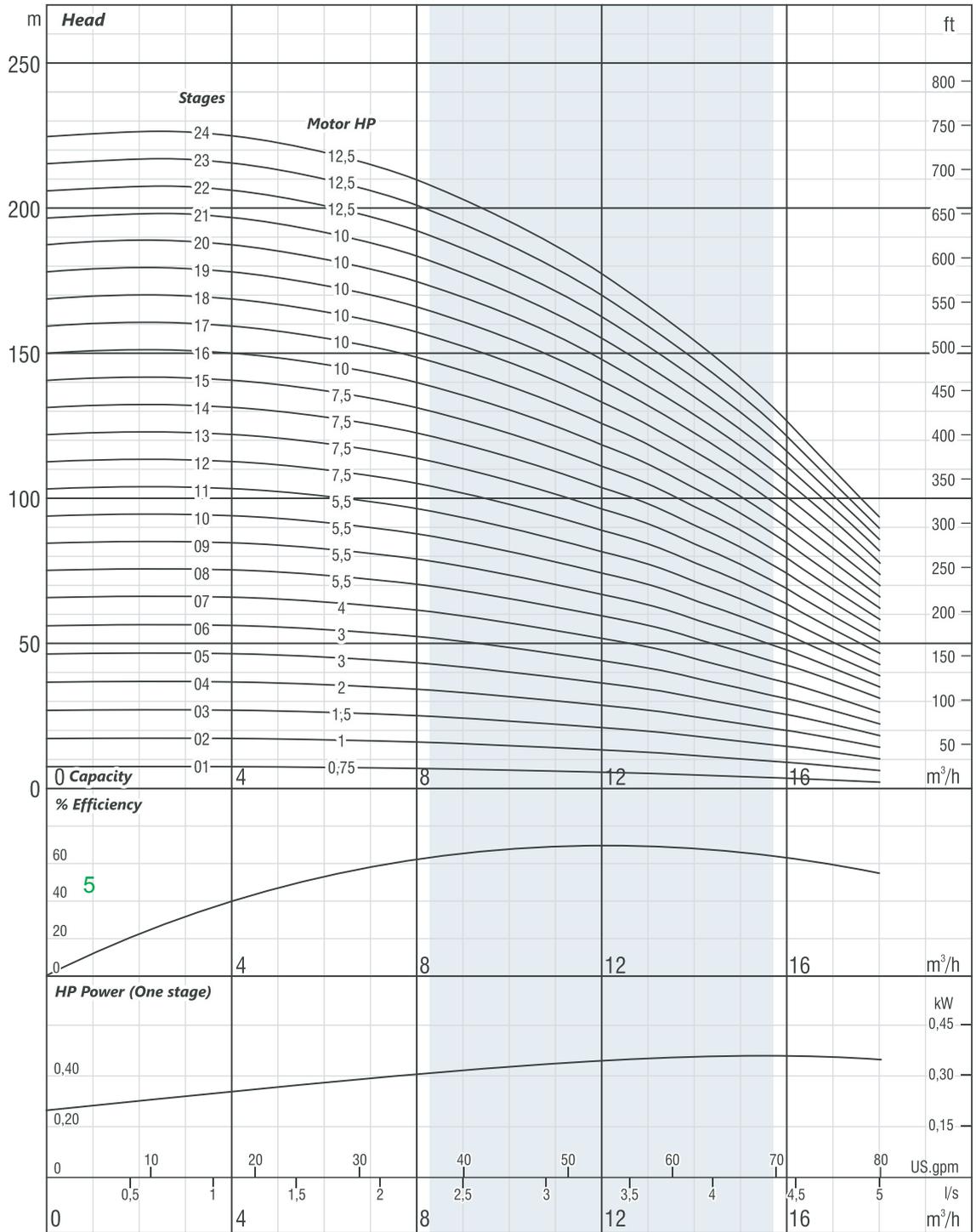
## WP6-10

(01 to 24 Stage)



### Performance Curves

- Number of vanes:**  
6 PCS
- Rotation:**  
CCW
- Revolution:**  
2900 rpm
- Outlet connection diameter:**  
2 1/2" (inside threaded)
- Shaft diameter:**  
20 mm
- Degree of Protection**  
IP-68
- Maximum sand content**  
100 gr/m<sup>3</sup>
- Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP06-10 (25 to 42 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	3,6	7,2	10,8	12,0	14,4	16	18
		kW	HP			0	1	2	3	3,3	4	4,4	5
WP06-10.197.25	25	9,3	12,5	20,8	Head (m)	233	233	222	197	184	155	131	96
WP06-10.204.26	26	9,3	12,5	20,8		243	242	231	204	192	161	136	100
WP06-10.212.27	27	11	15	23,7		252	252	240	212	199	167	141	104
WP06-10.220.28	28	11	15	23,7		261	261	249	220	207	173	146	108
WP06-10.228.29	29	11	15	23,7		270	270	258	228	214	179	152	112
WP06-10.236.30	30	11	15	23,7		280	280	266	236	221	186	157	116
WP06-10.244.31	31	13	17,5	28,7		289	289	275	244	229	192	162	119
WP06-10.252.32	32	13	17,5	28,7		298	298	284	252	236	198	167	123
WP06-10.259.33	33	13	17,5	28,7		308	308	293	259	243	204	172	127
WP06-10.267.34	34	13	17,5	28,7		317	317	302	267	251	210	178	131
WP06-10.275.35	35	13	17,5	28,7		326	326	311	275	258	216	183	135
WP06-10.283.36	36	13	17,5	28,7		336	336	320	283	266	223	188	139
WP06-10.291.37	37	13	17,5	28,7		345	345	329	291	273	229	193	143
WP06-10.299.38	38	15	20	33,1		354	354	337	299	280	235	199	146
WP06-10.307.39	39	15	20	33,1		364	364	346	307	288	241	204	150
WP06-10.314.40	40	15	20	33,1		373	373	355	314	295	247	209	154
WP06-10.322.41	41	15	20	33,1		382	382	364	322	302	254	214	158
WP06-10.330.42	42	18,5	25	41,8		392	391	373	330	310	260	220	162

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-10.197.25	25	9,3	12,5	2540	758	1782	142	132	50	40	90
WP06-10.204.26	26	9,3	12,5	2600	758	1842	142	132	50	41	91
WP06-10.212.27	27	11	15	2703	800	1903	142	132	55	43	98
WP06-10.220.28	28	11	15	2763	800	1963	142	132	55	44	99
WP06-10.228.29	29	11	15	2824	800	2024	142	132	55	46	101
WP06-10.236.30	30	11	15	2884	800	2084	142	132	55	47	102
WP06-10.244.31	31	13	17,5	2996	851	2145	142	132	60	49	109
WP06-10.252.32	32	13	17,5	3056	851	2205	142	132	60	50	110
WP06-10.259.33	33	13	17,5	3117	851	2266	142	132	60	52	112
WP06-10.267.34	34	13	17,5	3177	851	2326	142	132	60	53	113
WP06-10.275.35	35	13	17,5	3238	851	2387	142	132	60	54	114
WP06-10.283.36	36	13	17,5	3298	851	2447	142	132	60	56	116
WP06-10.291.37	37	13	17,5	3359	851	2508	142	132	60	57	117
WP06-10.299.38	38	15	20	3479	911	2568	142	132	65	59	124
WP06-10.307.39	39	15	20	3790	911	2879	142	167	65	91	156
WP06-10.314.40	40	15	20	3850	911	2939	142	167	65	92	157
WP06-10.322.41	41	15	20	3911	911	3000	142	167	65	94	159
WP06-10.330.42	42	18,5	25	4033	973	3060	142	167	72	96	168

ØP with jacket

# Stainless Steel Submersible Pumps

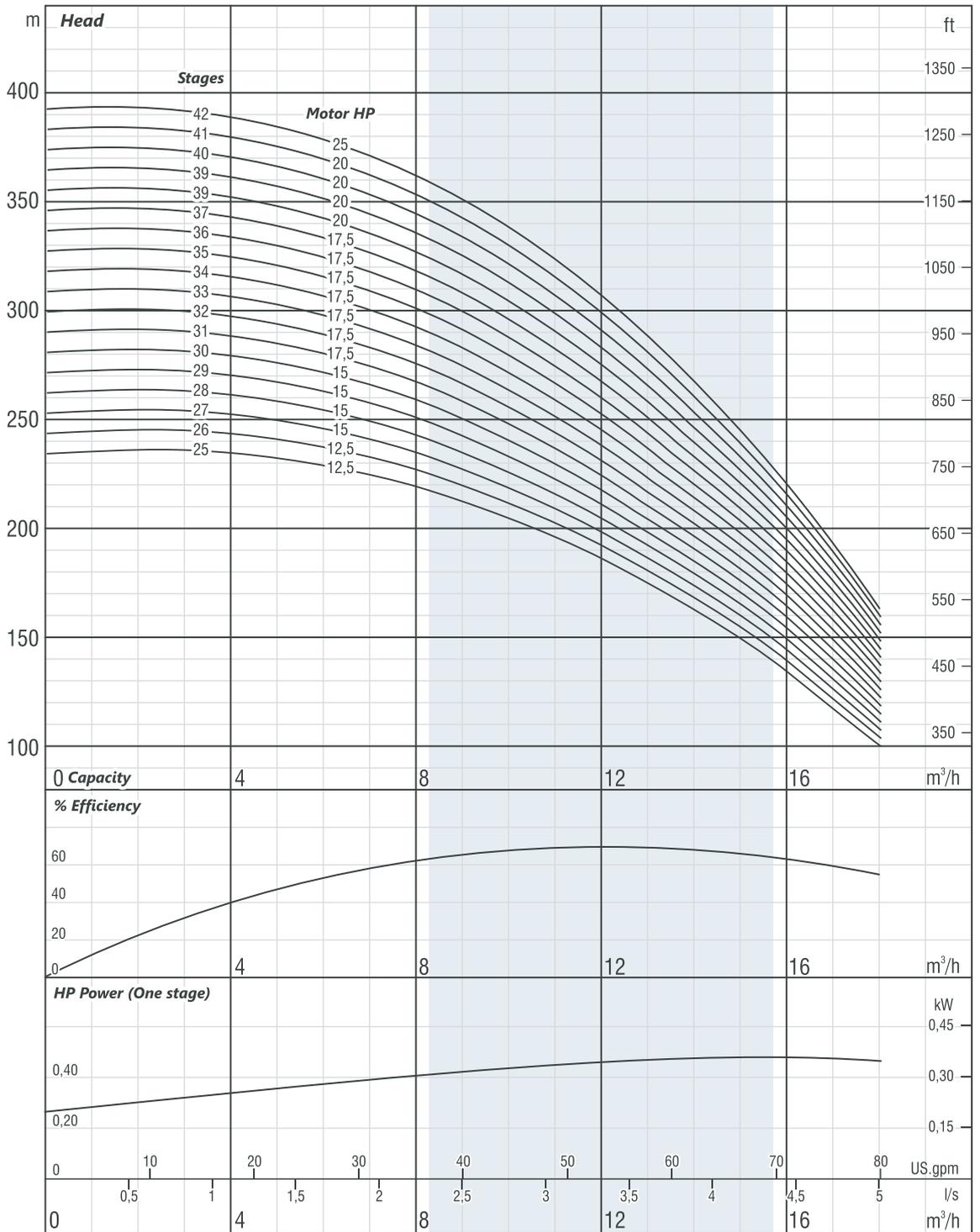
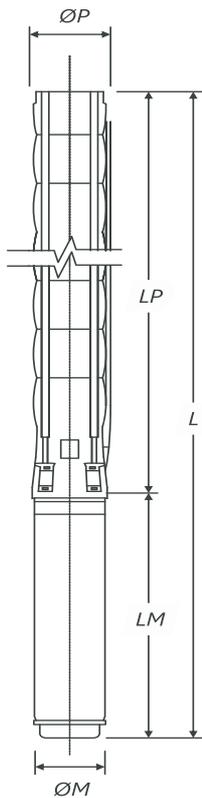
## SU6-10

(25 to 42 Stage)



### Performance Curves

- Number of vanes:**  
6 PCS
- Rotation:**  
CCW
- Revolution:**  
2900 rpm
- Outlet connection diameter:**  
2 1/2" (inside threaded)
- Shaft diameter:**  
20 mm
- Degree of Protection**  
IP-68
- Maximum sand content**  
100 gr/m<sup>3</sup>
- Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP06-17 (01 to 25 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h	0	6	8	10	12	14	16	18	20
		kW	HP			0	1,7	2,2	2,8	3,3	3,9	4,4	5	5,6
WP06-17.07.01	1	0,75	0,75	1.6	Head (m)	10	10	10	9	9	8	7	7	5
WP06-17.14.02	2	1,5	1,5	2.8		21	21	20	20	19	17	16	14	12
WP06-17.22.03	3	3	3	5.3		34	33	32	31	30	28	25	22	19
WP06-17.30.04	4	3	3	5.3		46	45	44	42	40	37	34	30	25
WP06-17.38.05	5	4	4	7.2		57	56	55	53	50	47	43	38	32
WP06-17.45.06	6	5,5	5,5	9.5/10.2		69	67	66	64	61	56	51	45	39
WP06-17.54.07	7	5,5	5,5	9.5/10.2		81	79	78	75	72	67	61	54	46
WP06-17.62.08	8	7,5	7,5	12.6/13.3		93	91	89	86	82	76	70	62	53
WP06-17.69.09	9	7,5	7,5	12.6/13.3		104	102	100	97	92	86	78	69	59
WP06-17.77.10	10	7,5	7,5	12.6/13.3		116	113	111	107	102	95	87	77	66
WP06-17.85.11	11	10	10	17/17.2		127	125	122	118	112	105	96	85	72
WP06-17.92.12	12	10	10	17/17.2		139	136	133	129	123	115	104	92	79
WP06-17.100.13	13	10	10	17/17.2		151	148	144	139	133	124	113	100	85
WP06-17.108.14	14	10	10	17/17.2		162	159	155	150	143	134	122	108	92
WP06-17.115.15	15	12,5	12,5	20.8		174	170	166	161	153	143	131	115	98
WP06-17.123.16	16	9,3	12,5	20.8		185	182	178	172	164	153	139	123	105
WP06-17.131.17	17	9,3	12,5	20.8		197	193	189	182	174	162	148	131	112
WP06-17.139.18	18	11	15	23.7		209	204	200	193	184	172	157	139	118
WP06-17.146.19	19	11	15	23.7		220	216	211	204	194	181	165	146	125
WP06-17.154.20	20	11	15	23.7		232	227	222	215	204	191	174	154	131
WP06-17.162.21	21	13	17,5	28.7		243	238	233	225	215	200	183	162	138
WP06-17.169.22	22	13	17,5	28.7		255	250	244	236	225	210	191	169	144
WP06-17.177.23	23	13	17,5	28.7		266	261	255	247	235	220	200	177	151
WP06-17.185.24	24	13	17,5	28.7		278	272	266	258	245	229	209	185	158
WP06-17.192.25	25	15	20	33.1		290	284	277	268	255	239	218	192	164

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-17.07.01	1	0,55	0,75	1342	361	330	95	132	8.6	5	13,6
WP06-17.14.02	2	1,1	1,5	1431	401	390	95	132	10,35	7	17,35
WP06-17.22.03	3	2,2	3	1492	471	451	95	132	13,9	8	21,9
WP06-17.30.04	4	2,2	3	1552	471	511	95	132	13,9	10	23,9
WP06-17.38.05	5	3	4	1693	530	572	95	132	16,2	11	27,2
WP06-17.45.06	6	4	5,5	1753	600/649	632	95/142	132	19,8/40	13	32,8/53
WP06-17.54.07	7	4	5,5	1293/1342	600/649	693	95/142	132	19,8/40	14	33,8/54
WP06-17.62.08	8	5,5	7,5	1408/1402	655/649	753	95/142	132	22,5/40	16	38,5/56
WP06-17.69.09	9	5,5	7,5	1469/1463	655/649	814	95/142	132	22,5/40	17	39,5/57
WP06-17.77.10	10	5,5	7,5	1529/1523	655/649	874	95/142	132	22,5/40	18	40,5/58
WP06-17.85.11	11	7,5	10	1730/1613	795/678	935	95/142	132	28,8/43,5	20	48,8/63,5
WP06-17.92.12	12	7,5	10	1790/1673	795/678	995	95/142	132	28,8/43,5	21	49,8/64,5
WP06-17.100.13	13	7,5	10	1851/1734	795/678	1056	95/142	132	28,8/43,5	23	51,8/66,5
WP06-17.108.14	14	7,5	10	1911/1794	795/678	1116	95/142	132	28,8/43,5	24	52,8/67,5
WP06-17.115.15	15	9,3	12,5	1935	758	1177	142	132	50	26	76
WP06-17.123.16	16	9,3	12,5	1995	758	1237	142	132	50	27	77
WP06-17.131.17	17	9,3	12,5	2056	758	1298	142	132	50	29	79
WP06-17.139.18	18	11	15	2158	800	1358	142	132	55	30	85
WP06-17.146.19	19	11	15	2219	800	1419	142	132	55	31	86
WP06-17.154.20	20	11	15	2279	800	1479	142	132	55	33	88
WP06-17.162.21	21	13	17,5	2391	851	1540	142	132	60	34	94
WP06-17.169.22	22	13	17,5	2451	851	1600	142	132	60	36	96
WP06-17.177.23	23	13	17,5	2512	851	1661	142	132	60	37	97
WP06-17.185.24	24	13	17,5	2572	851	1721	142	132	60	39	99
WP06-17.192.25	25	15	20	2693	911	1782	142	132	65	40	105

# Stainless Steel Submersible Pumps

## WP06-17

(01 to 25 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

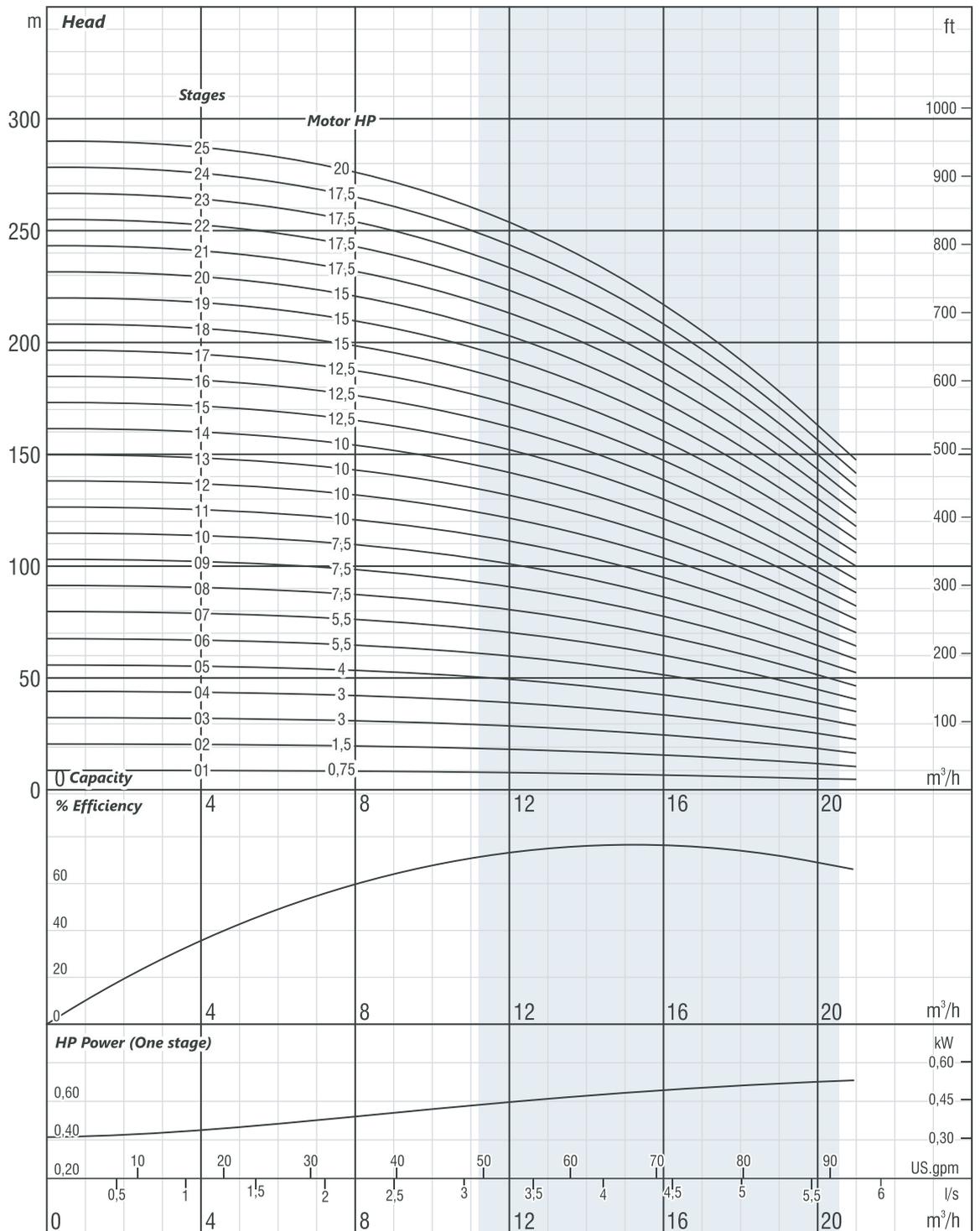
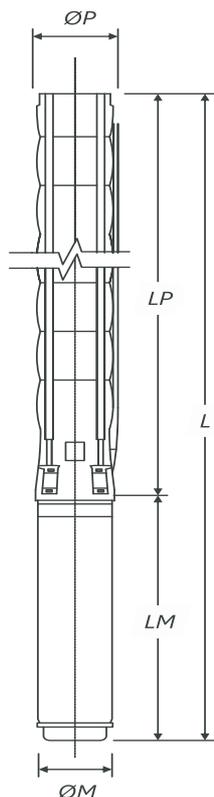
**Outlet connection diameter:**  
2 1/2" (inside threaded)

**Shaft diameter:**  
22 mm

**Degree of Protection**  
IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

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# Stainless Steel Submersible Pumps

## WP06-17 (26 to 43 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m <sup>3</sup> /h l/s	0	6	8	10	12	14	16	18	20
		kW	HP			0	1,7	2,2	2,8	3,3	3,9	4,4	5	5,6
WP06-17.226.26	26	15	20	33.1	Head (m)	301	295	289	279	266	248	226	200	171
WP06-17.235.27	27	15	20	33.1		313	306	300	290	276	258	235	208	177
WP06-17.244.28	28	15	20	33.1		324	318	311	300	286	267	244	216	184
WP06-17.252.29	29	18,5	25	41.8		336	329	322	311	296	277	252	223	190
WP06-17.261.30	30	18,5	25	41.8		348	340	333	322	307	286	261	231	197
WP06-17.270.31	31	18,5	25	41.8		359	352	344	333	317	296	270	239	203
WP06-17.279.32	32	18,5	25	41.8		371	363	355	343	327	305	279	246	210
WP06-17.287.33	33	18,5	25	41.8		382	375	366	354	337	315	287	254	217
WP06-17.296.34	34	18,5	25	41.8		394	386	377	365	347	325	296	262	223
WP06-17.305.35	35	22	30	48.5/46.3		405	397	388	376	358	334	305	269	230
WP06-17.313.36	36	22	30	48.5/46.3		417	409	400	386	368	344	313	277	236
WP06-17.322.37	37	22	30	48.5/46.3		429	420	411	397	378	353	322	285	243
WP06-17.331.38	38	22	30	48.5/46.3		440	431	422	408	388	363	331	293	249
WP06-17.339.39	39	22	30	48.5/46.3		452	443	433	418	399	372	339	300	256
WP06-17.348.40	40	22	30	48.5/46.3		463	454	444	429	409	382	348	308	263
WP06-17.357.41	41	22	30	48.5/46.3		475	465	455	440	419	391	357	316	269
WP06-17.366.42	42	26,5	35	56.4/55.1		487	477	466	451	429	401	366	323	276
WP06-17.374.43	43	26,5	35	56.4/55.1		498	488	477	461	439	410	374	331	282

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-17.226.26	26	15	20	2693	973	1963	142	132	65	42	107
WP06-17.235.27	27	15	20	2753	973	2024	142	132	65	43	108
WP06-17.244.28	28	15	20	2814	973	2084	142	132	65	45	110
WP06-17.252.29	29	18,5	25	2874	973	2145	142	132	72	46	118
WP06-17.261.30	30	18,5	25	2997	973	2205	142	132	72	47	119
WP06-17.270.31	31	18,5	25	3118	973	2145	142	132	72	49	121
WP06-17.279.32	32	18,5	25	3178	973	2205	142	132	72	50	122
WP06-17.287.33	33	18,5	25	3239	973	2266	142	132	72	52	124
WP06-17.296.34	34	18,5	25	3299	973	2326	142	132	72	53	125
WP06-17.305.35	35	22	30	3393/3227	1006/840	2387	142/172	132	76/81	55	131/136
WP06-17.313.36	36	22	30	3453/3287	1006/840	2447	142/172	132	76/81	56	132/137
WP06-17.322.37	37	22	30	3514/3348	1006/840	2508	142/172	132	76/81	58	134/139
WP06-17.331.38	38	22	30	3574/3408	1006/840	2568	142/172	132	76/81	59	135/140
WP06-17.339.39	39	22	30	3635/3469	1006/840	2629	142/172	132	76/81	60	136/141
WP06-17.348.40	40	22	30	3695/3529	1006/840	2689	142/172	132	76/81	62	138/143
WP06-17.357.41	41	22	30	3756/3590	1006/840	2750	142/172	132	76/81	63	139/144
WP06-17.366.42	42	26,5	35	3916/3700	1106/890	2810	142/172	132	87/86	65	152/151
WP06-17.374.43	43	26,5	35	4227/4011	1106/890	3121	142/172	167	87/86	98	185/184

\*Pump with jacket

# Stainless Steel Submersible Pumps

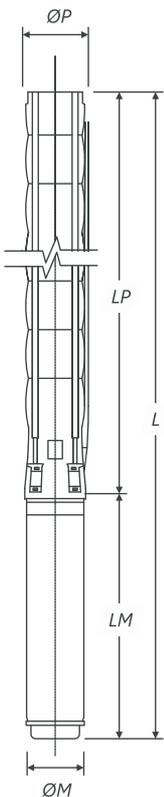
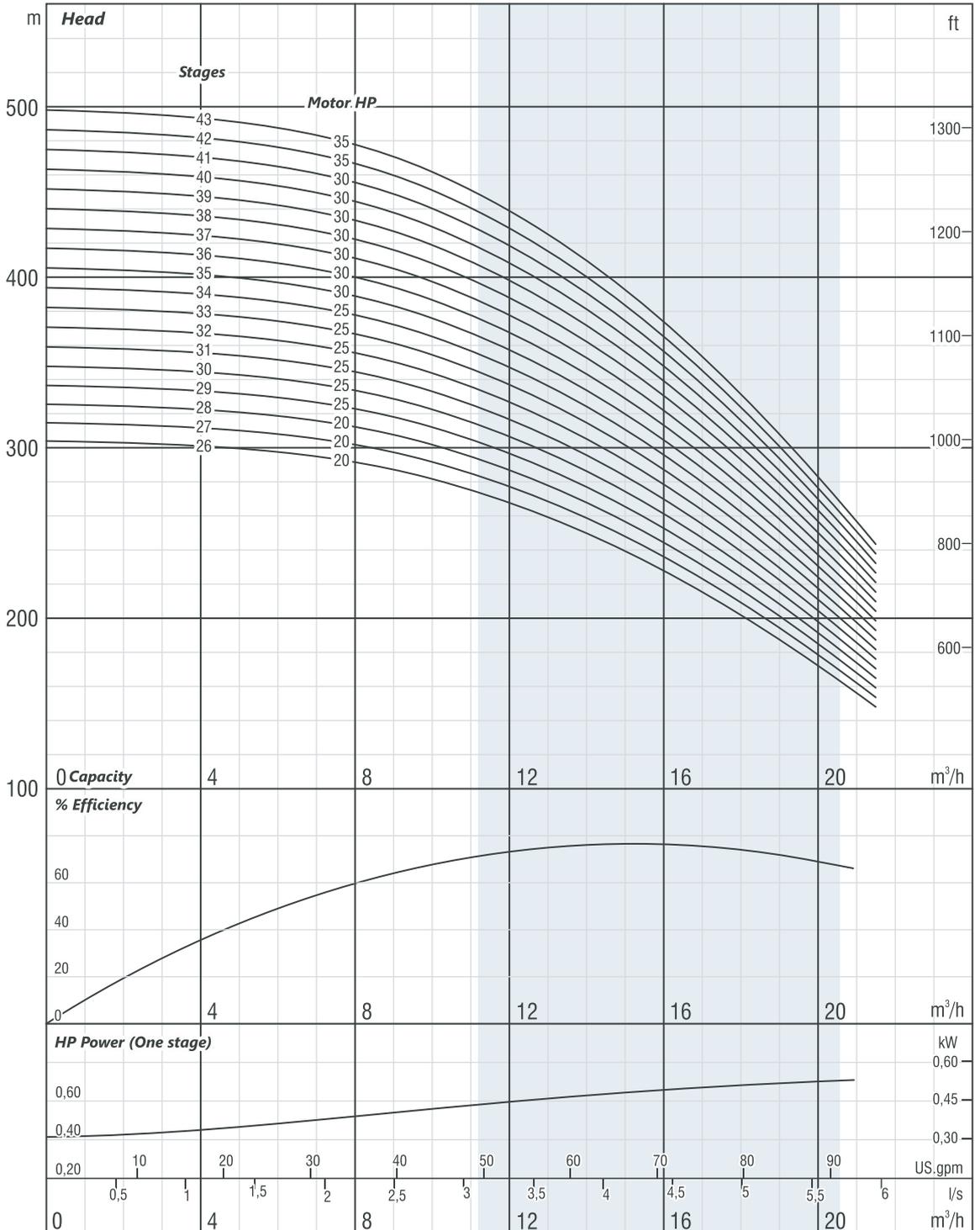
## WP06-17

(26 to 43 Stage)



### Performance Curves

- Number of vanes:**  
6 PCS
- Rotation:**  
CCW
- Revolution:**  
2900 rpm
- Outlet connection diameter:**  
2 1/2" (inside threaded)
- Shaft diameter:**  
22 mm
- Degree of Protection**  
IP-68
- Maximum sand content**  
100 gr/m<sup>3</sup>
- Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

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# Stainless Steel Submersible Pumps

## WP06-30 (01 to 20 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h	0	7,2	14,4	21,6	24	28,8	36	43,2
		kW	HP			0	2	4	6	6,6	8	10	12
WP06-30.07.01	1	1,1	1,5	2.8	Head (m)	11	10	9	8	8	7	4	2
WP06-30.14.02	2	2,2	3	5.3		22	22	20	18	17	14	10	4
WP06-30.21.03	3	3	4	7.2		33	32	29	26	24	21	15	6
WP06-30.31.04	4	4	5,5	9.5/10.2		48	46	43	38	36	31	22	10
WP06-30.39.05	5	5,5	7,5	12.6/13.3		60	58	54	47	45	39	27	12
WP06-30.46.06	6	5,5	7,5	12.6/13.3		72	69	64	57	54	46	33	15
WP06-30.54.07	7	7,5	10	17/17.2		84	81	75	66	63	54	38	17
WP06-30.62.08	8	7,5	10	17/17.2		96	92	86	76	71	62	44	20
WP06-30.70.09	9	9,3	12,5	20.8		108	104	97	85	80	70	49	22
WP06-30.77.10	10	9,3	12,5	20.8		119	116	107	95	89	77	54	25
WP06-30.85.11	11	9,3	12,5	20.8		131	127	118	104	98	85	60	27
WP06-30.93.12	12	11	15	23.7		143	139	129	113	107	93	65	30
WP06-30.100.13	13	11	15	23.7		155	150	139	123	116	100	71	32
WP06-30.110.14	14	13	17,5	28.7		167	162	150	132	125	108	76	35
WP06-30.116.15	15	13	17,5	28.7		179	173	161	142	134	116	82	37
WP06-30.125.16	16	15	20	33.1		191	185	172	151	143	124	124	87
WP06-30.131.17	17	15	20	33.1		203	196	182	161	152	131	131	93
WP06-30.139.18	18	18,5	25	41.8		215	208	193	170	161	139	139	98
WP06-30.147.19	19	18,5	25	41.8		227	220	204	180	170	147	147	103
WP06-30.155.20	20	18,5	25	41.8		239	231	214	189	179	155	155	109

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-30.07.01	1	1,1	1,5	765	401	364	95	132	10.35	6	16.35
WP06-30.14.02	2	2,2	3	930	471	459	95	132	13.9	9	22.9
WP06-30.21.03	3	3	4	1084	530	554	95	132	16.2	11	27.2
WP06-30.31.04	4	4	5,5	1249/1298	600/649	649	95/142	132	19.8/40	13	32.8/53
WP06-30.39.05	5	5,5	7,5	1399/1393	655/649	744	95/142	132	22.5/40	15	37.5/55
WP06-30.46.06	6	5,5	7,5	1494/1488	655/649	839	95/142	132	22.5/40	17	39.5/57
WP06-30.54.07	7	7,5	10	1729/1612	795/678	934	95/142	132	28.8/43.5	19	47.8/62.5
WP06-30.62.08	8	7,5	10	1824/1707	795/678	1029	95/142	132	28.8/43.5	21	49.8/64.5
WP06-30.70.09	9	9,3	12,5	1882	758	1124	142	132	50	23	73
WP06-30.77.10	10	9,3	12,5	1977	758	1219	142	132	50	25	75
WP06-30.85.11	11	9,3	12,5	2072	758	1314	142	132	50	27	77
WP06-30.93.12	12	11	15	2209	800	1409	142	132	55	29	84
WP06-30.100.13	13	11	15	2304	800	1504	142	132	55	31	86
WP06-30.110.14	14	13	17,5	2450	851	1599	142	132	60	33	93
WP06-30.116.15	15	13	17,5	2545	851	1694	142	132	60	36	96
WP06-30.125.16	16	15	20	2700	911	1789	142	132	65	38	103
WP06-30.131.17	17	15	20	2795	911	1884	142	132	65	40	105
WP06-30.139.18	18	18,5	25	2952	973	1979	142	132	72	42	114
WP06-30.147.19	19	18,5	25	3047	973	2074	142	132	72	44	116
WP06-30.155.20	20	18,5	25	3142	973	2169	142	132	72	46	118

# Stainless Steel Submersible Pumps

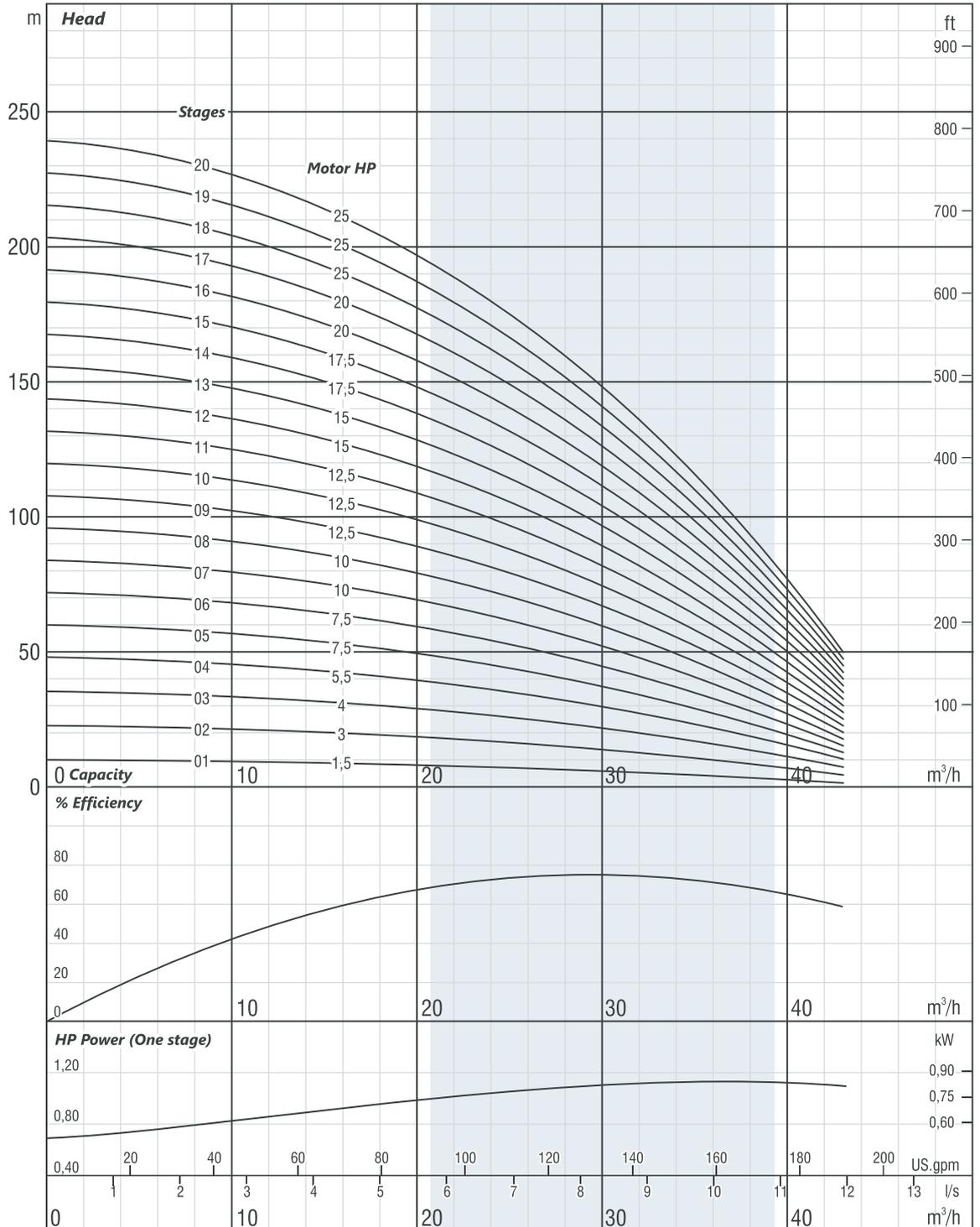
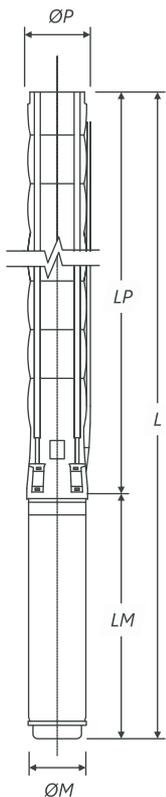
## WP06-30

(01 to 20 Stage)



### Performance Curves

- Number of vanes:**  
7 PCS
- Rotation:**  
CCW
- Revolution:**  
2900 rpm
- Outlet connection diameter:**  
3" (inside threaded)
- Shaft diameter:**  
22 mm
- Degree of Protection**  
IP-68
- Maximum sand content**  
100 gr/m<sup>3</sup>
- Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

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# Stainless Steel Submersible Pumps

## WP06-30 (21 to 37 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	7,2	14,4	21,6	24	28,8	36	43,2
		kW	HP			0	2	4	6	6,6	8	10	12
WP06-30.162.21	21	18,5	25	41.8	Head (m)	251	243	225	199	188	162	114	52
WP06-30.170.22	22	22	30	48.5/46.3		263	254	236	208	197	170	120	54
WP06-30.178.23	23	22	30	48.5/46.3		275	266	247	218	206	178	125	57
WP06-30.185.24	24	22	30	48.5/46.3		287	277	257	227	214	185	131	59
WP06-30.193.25	25	26,5	35	56.4/55.1		299	289	268	236	223	193	136	62
WP06-30.201.26	26	26,5	35	56.4/55.1		311	301	279	246	232	201	142	64
WP06-30.209.27	27	26,5	35	56.4/55.1		323	312	290	255	241	209	147	67
WP06-30.216.28	28	26,5	35	56.4/55.1		334	324	300	265	250	216	152	69
WP06-30.244.29	29	26,5	35	56.4/55.1		346	335	311	274	259	224	158	72
WP06-30.232.30	30	26,5	35	56.4/55.1		358	347	322	284	268	232	163	74
WP06-30.240.31	31	30	40	64.6/62.4/61.7		370	358	332	293	277	240	169	77
WP06-30.247.32	32	30	40	64.6/62.4/61.7		382	370	343	303	286	247	174	79
WP06-30.255.33	33	30	40	64.6/62.4/61.7		394	381	354	312	295	255	180	82
WP06-30.263.34	34	30	40	64.6/62.4/61.7		406	393	365	322	304	263	185	84
WP06-30.270.35	35	30	40	64.6/62.4/61.7		418	405	375	331	313	270	191	87
WP06-30.278.36	36	30	40	64.6/62.4/61.7		430	416	386	340	322	278	196	89
WP06-30.286.37	37	37	50	79.7/74.3/74.3		442	428	397	350	331	286	201	92

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-30.162.21	21	18,5	25	3237	973	2264	142	132	72	48	120
WP06-30.170.22	22	22	30	3365/3199	1006/840	2359	142/172	132	76/81	50	126/131
WP06-30.178.23	23	22	30	3460/3294	1006/840	2454	142/172	132	76/81	52	128/133
WP06-30.185.24	24	22	30	3555/3389	1006/840	2549	142/172	132	76/81	54	130/135
WP06-30.193.25	25	26,5	35	3750/3534	1106/890	2644	142/172	132	87/86	56	143/142
WP06-30.201.26	26	26,5	35	3845/3629	1106/890	2739	142/172	132	87/86	58	145/144
WP06-30.209.27	27	26,5	35	3940/3724	1106/890	2834	142/172	132	87/86	60	147/146
WP06-30.216.28	28	26,5	35	4035/3819	1106/890	2929	142/172	132	87/86	63	150/149
WP06-30.244.29	29	26,5	35	4130/3914	1106/890	3024	142/172	132	87/86	65	152/151
WP06-30.232.30	30	26,5	35	4225/4009	1106/890	3119	142/172	132	87/86	67	154/153
WP06-30.240.31	31	30	40	4431/4154/4210	1217/940/996	3214	142/172/192	132	98/91/120	69	167/160/189
WP06-30.247.32	32	30	40	4526/4249/4305	1217/940/996	3309	142/172/192	132	98/91/120	71	169/162/191
WP06-30.255.33	33	30	40	4621/4344/4400	1217/940/996	3404	142/172/192	132	98/91/120	73	171/164/193
WP06-30.263.34	34	30	40	4716/4439/4495	1217/940/996	3499	142/172/192	132	98/91/120	75	173/166/195
WP06-30.270.35	35	30	40	4811/4534/4590	1217/940/996	3594	142/172/192	132	98/91/120	77	175/168/197
WP06-30.278.36	36	30	40	4906/4629/4685	1217/940/996	3689	142/172/192	132	98/91/120	79	177/170/199
WP06-30.286.37	37	37	50	5031/4764/4840	1247/980/1056	3784	142/172/192	132	103/103/129	81	184/184/210

# Stainless Steel Submersible Pumps

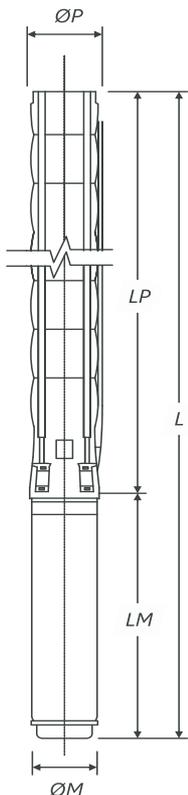
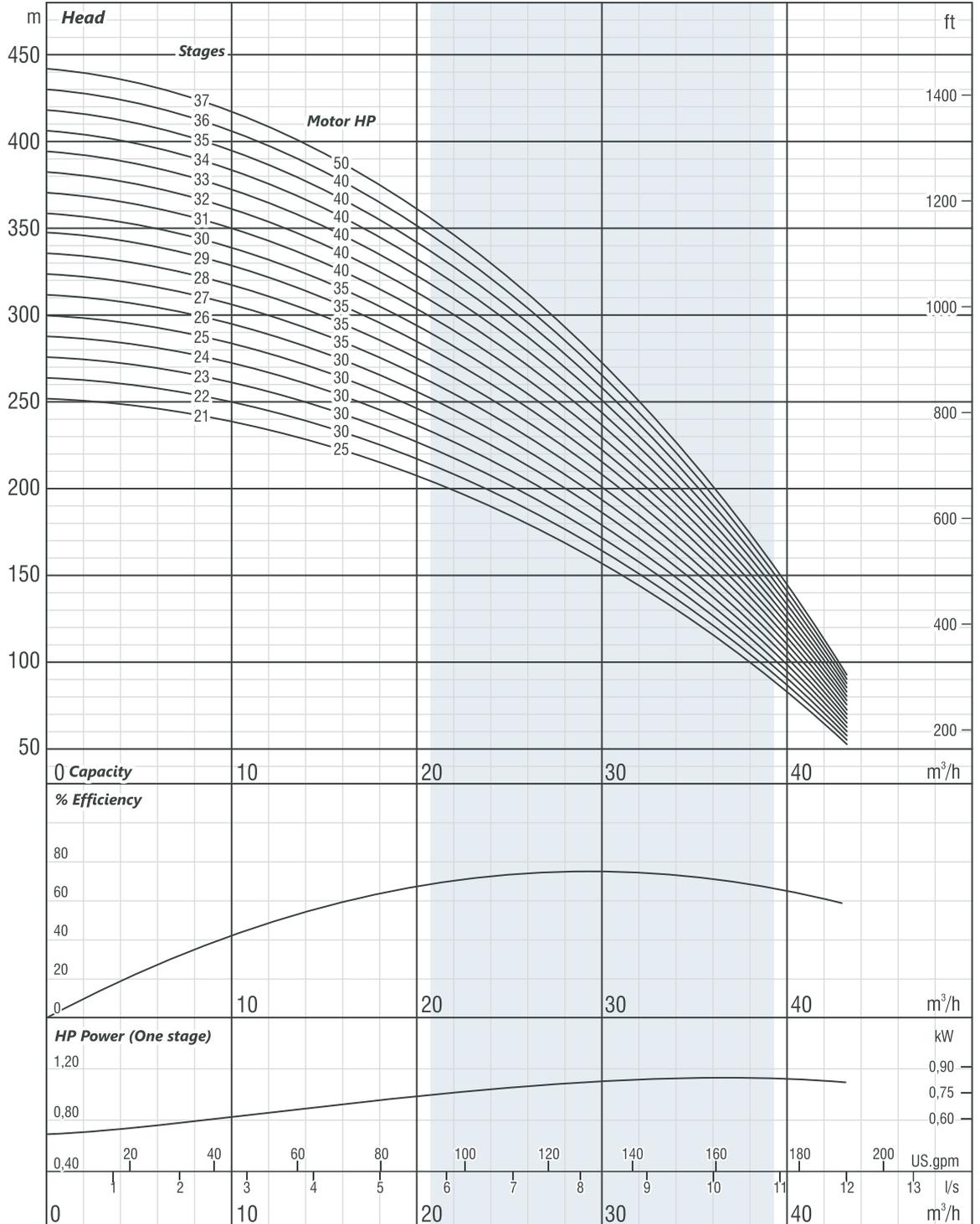
## WP06-30

(21 to 37 Stage)



### Performance Curves

- Number of vanes:**  
7 PCS
- Rotation:**  
CCW
- Revolution:**  
2900 rpm
- Outlet connection diameter:**  
3" (inside threaded)
- Shaft diameter:**  
22 mm
- Degree of Protection**  
IP-68
- Maximum sand content**  
100 gr/m<sup>3</sup>
- Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

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# Stainless Steel Submersible Pumps

## WP06-36 (01 to 17 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h	0	8	20	30	35	38	41	50
		kW	HP			0	2,2	5,6	8,3	9,7	10,6	11,4	13,9
WP06-36.09.01	1	1,5	2	3.8	Head (m)	13	13	11	10	9	8	8	6
WP06-36.19.02	2	3	4	7.2		27	27	24	21	19	18	18	14
WP06-36.30.03	3	5,5	7,5	12.6/13.3		42	42	37	32	30	29	27	22
WP06-36.40.04	4	7,5	10	17/17.2		56	56	50	43	40	38	37	29
WP06-36.50.05	5	7,5	10	17/17.2		70	70	62	54	50	48	46	36
WP06-36.60.06	6	9,3	12,5	20.8		84	84	74	65	60	58	55	44
WP06-36.70.07	7	11	15	23.7		98	98	87	76	70	67	64	51
WP06-36.80.08	8	13	17,5	28.7		112	112	99	86	80	77	73	58
WP06-36.91.09	9	13	17,5	28.7		126	126	112	97	91	87	82	65
WP06-36.100.10	10	15	20	33.1		140	140	124	108	101	96	91	73
WP06-36.112.11	11	18,5	25	41.8		154	154	137	119	111	106	101	80
WP06-36.125.12	12	18,5	25	41.8		167	168	149	130	121	115	110	87
WP06-36.132.13	13	18,5	25	41.8		181	182	161	140	131	125	119	94
WP06-36.141.14	14	22	30	48.5/46.3		195	196	174	151	141	135	128	102
WP06-36.151.15	15	22	30	48.5/46.3		209	210	186	162	151	144	137	109
WP06-36.161.16	16	26,5	35	56.4/55.1		223	224	199	173	161	154	146	116
WP06-36.171.17	17	26,5	35	56.4/55.1		237	238	211	184	171	163	155	123

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-36.09.01	1	1,5	2	823	441	382	95	144	10.4	7	17.4
WP06-36.19.02	2	3	4	1024	530	494	95	144	16.2	10	26.2
WP06-36.30.03	3	5,5	7,5	1261/1255	655/649	606	95/142	144	22.5/40	12	34.5/52
WP06-36.40.04	4	7,5	10	1513/1396	795/678	718	95/142	144	28.8/43.5	15	43.8/58.5
WP06-36.50.05	5	7,5	10	1625/1508	795/678	830	95/142	144	28.8/43.5	18	46.8/61.5
WP06-36.60.06	6	9,3	12,5	1700	758	942	142	144	50	20	70
WP06-36.70.07	7	11	15	1854	800	1054	142	144	55	23	78
WP06-36.80.08	8	13	17,5	2017	851	1166	142	144	60	26	86
WP06-36.91.09	9	13	17,5	2129	851	1278	142	144	60	28	88
WP06-36.100.10	10	15	20	2301	911	1390	142	144	65	31	96
WP06-36.112.11	11	18,5	25	2475	973	1502	142	144	72	34	106
WP06-36.125.12	12	18,5	25	2587	973	1614	142	144	72	36	108
WP06-36.132.13	13	18,5	25	2699	973	1726	142	144	72	39	111
WP06-36.141.14	14	22	30	2844/2678	1006/840	1838	142/172	144	76/81	42	118/123
WP06-36.151.15	15	22	30	2956/2790	1006/840	1950	142/172	144	76/81	44	120/125
WP06-36.161.16	16	26,5	35	3168/2952	1106/890	2062	142/172	144	87/86	47	134/133
WP06-36.171.17	17	26,5	35	3280/3064	1106/890	2174	142/172	144	87/86	49	136/135

# Stainless Steel Submersible Pumps

## WP06-36

(01 to 17 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

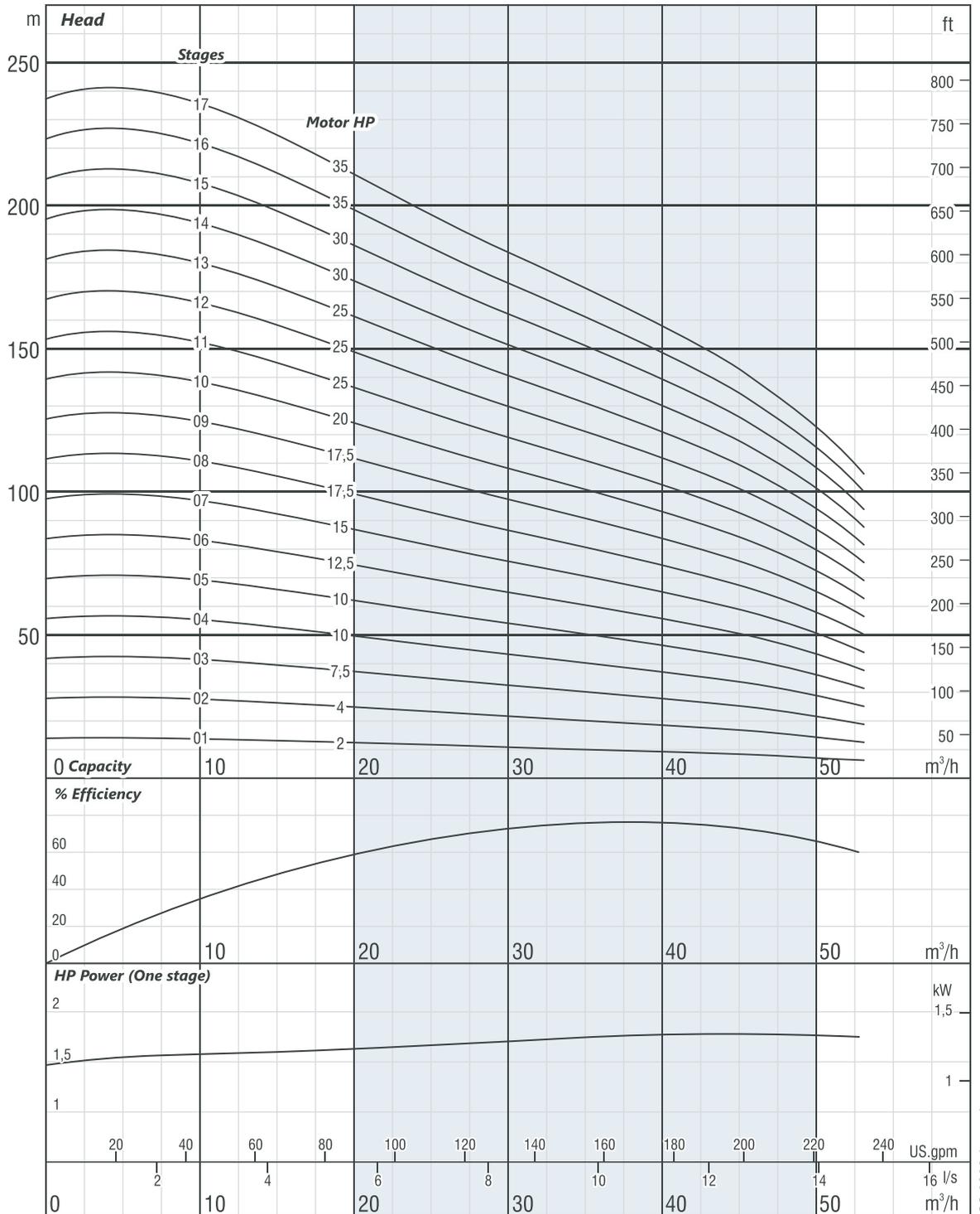
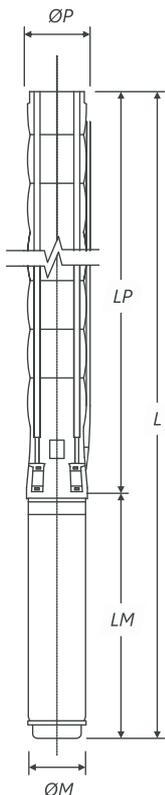
**Outlet connection diameter:**  
4" (inside threaded)

**Shaft diameter:**  
22 mm

**Degree of Protection**  
IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP06-36 (18 to 33 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	8	20	30	35	38	41	50
		kW	HP			0	2,2	5,6	8,3	9,7	10,6	11,4	13,9
WP06-36.180.18	18	26,5	35	56.4/55.1	Head (m)	251	252	223	194	181	173	165	131
WP06-36.190.19	19	30	40	64.6/62.4/61.7		265	266	236	205	191	183	174	138
WP06-36.200.20	20	30	40	64.6/62.4/61.7		279	280	248	216	201	192	183	145
WP06-36.210.21	21	30	40	64.6/62.4/61.7		293	294	261	227	211	202	192	152
WP06-36.220.22	22	37	50	79.7/74.3/74.3		307	308	273	238	221	211	201	160
WP06-36.230.23	23	37	50	79.7/74.3/74.3		321	322	285	248	231	221	210	167
WP06-36.240.24	24	37	50	79.7/74.3/74.3		335	337	298	259	241	231	219	174
WP06-36.250.25	25	37	50	79.7/74.3/74.3		349	351	310	270	251	240	229	181
WP06-36.261.26	26	45	60	0/90.3/90.4		363	365	323	281	262	250	238	189
WP06-36.271.27	27	45	60	0/90.3/90.4		377	379	335	292	272	260	247	196
WP06-36.281.28	28	45	60	0/90.3/90.4		391	393	347	303	282	269	256	203
WP06-36.291.29	29	45	60	0/90.3/90.4		405	407	360	313	292	279	265	210
WP06-36.301.30	30	45	60	0/90.3/90.4		419	421	372	324	302	288	274	218
WP06-36.311.31	31	45	60	0/90.3/90.4		433	435	385	335	312	298	283	225
WP06-36.321.32	32	52	70	105.6/103.3		447	449	397	346	322	308	293	232
WP06-36.331.33	33	52	70	105.6/103.3		461	463	410	357	332	317	302	239

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-36.180.18	18	26,5	35	3392/3176	1106/890	2286	142/172	144	87/86	52	139/138
WP06-36.190.19	19	30	40	3615/3338/3394	1217/940/996	2398	142/172/192	144	98/91/120	55	153/146/175
WP06-36.200.20	20	30	40	3727/3450/3506	1217/940/996	2510	142/172/192	144	98/91/120	57	155/148/177
WP06-36.210.21	21	30	40	3839/3562/3618	1217/940/996	2622	142/172/192	144	98/91/120	60	158/151/180
WP06-36.220.22	22	37	50	3981/3714/3790	1247/980/1056	2734	142/172/192	144	103/103/129	63	166/166/192
WP06-36.230.23	23	37	50	4093/3826/3902	1247/980/1056	2846	142/172/192	144	103/103/129	65	168/168/194
WP06-36.240.24	24	37	50	4205/3938/4014	1247/980/1056	2958	142/172/192	144	103/103/129	68	171/171/197
WP06-36.250.25	25	37	50	4317/4050/4126	1247/980/1056	3070	142/172/192	144	103/103/129	71	174/174/200
WP06-36.261.26	26	45	60	4529/4242/4298	1347/1060/1116	3182	142/172/192	144	110/113/138	73	183/186/211
WP06-36.271.27	27	45	60	4641/4354/4410	1347/1060/1116	3294	142/172/192	144	110/113/138	76	186/189/214
WP06-36.281.28	28	45	60	4753/4466/4522	1347/1060/1116	3406	142/172/192	144	110/113/138	79	189/192/217
WP06-36.291.29	29	45	60	4865/4578/4634	1347/1060/1116	3518	142/172/192	144	110/113/138	81	191/194/219
WP06-36.301.30	30	45	60	4977/4690/4746	1347/1060/1116	3630	142/172/192	144	110/113/138	84	194/197/222
WP06-36.311.31	31	45	60	5089/4802/4858	1347/1060/1116	3742	142/172/192	144	110/113/138	86	196/199/224
WP06-36.321.32	32	52	70	4993/5055	1139/1201	3854	172/192	144	127/152	89	216/241
WP06-36.331.33	33	52	70	5105/5167	1139/1201	3966	172/192	144	127/152	92	219/244

# Stainless Steel Submersible Pumps

## WP06-36

(18 to 33 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

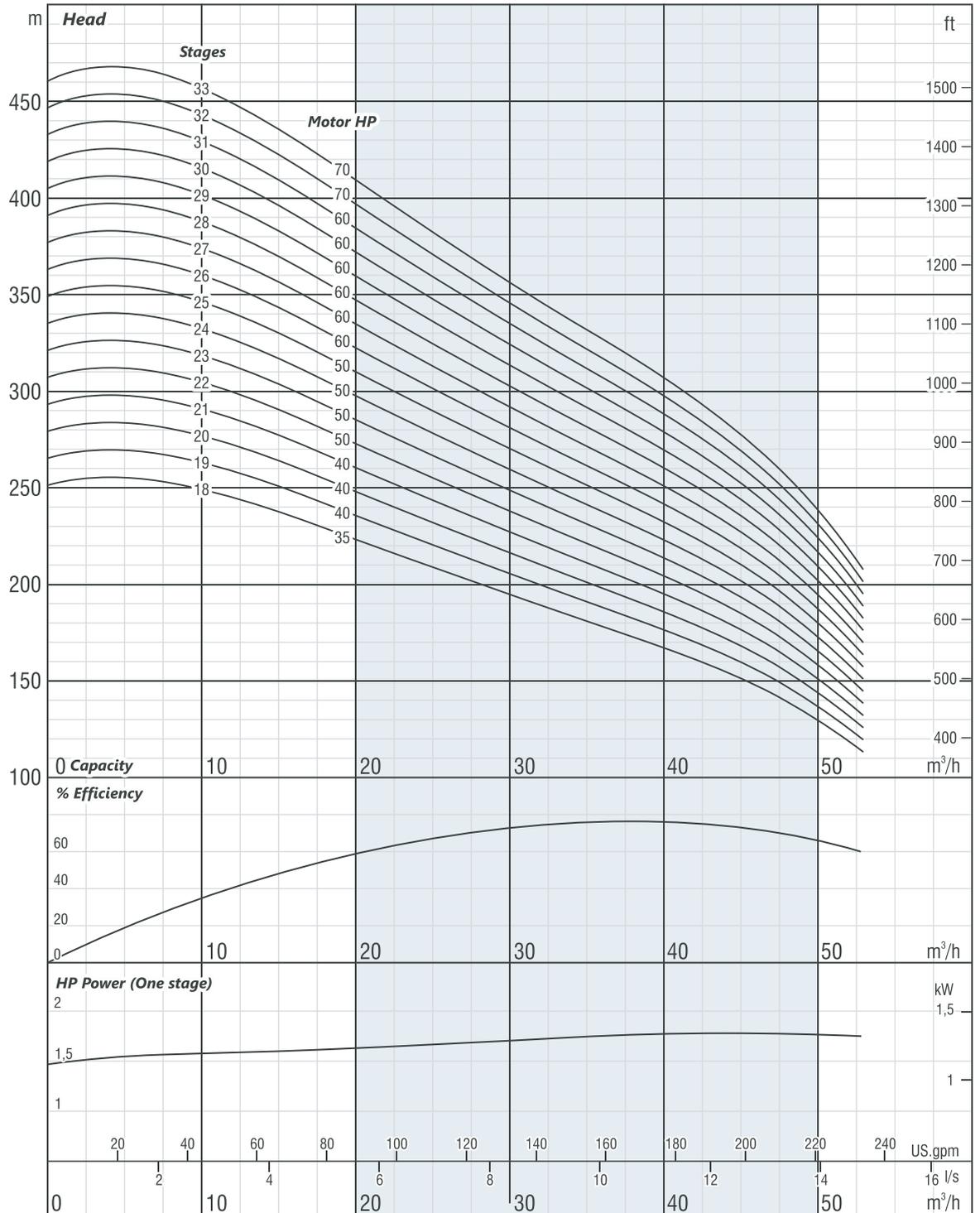
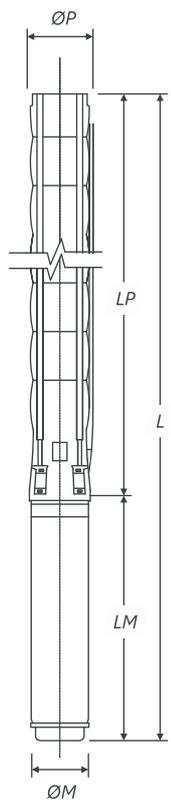
**Outlet connection diameter:**  
4" (inside threaded)

**Shaft diameter:**  
22 mm

**Degree of Protection**  
IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP06-50 (01 to 19 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h	0	21,6	28,8	36	43,2	46,8	50,4	58	
		kW	HP			0	6	8	10	12	13	14	16,1	
WP06-50.7.01	1	2,2	3	5.3	Head (m)	15	12	11	9	8	7	7	5	
WP06-50.14.02	2	3	4	7.2		29	25	22	19	17	16	14	14	11
WP06-50.24.03	3	5,5	7,5	12.6/13.3		45	39	35	32	28	26	24	24	20
WP06-50.32.04	4	7,5	10	17/17.2		60	52	47	42	38	35	32	32	26
WP06-50.41.05	5	7,5	10	17/17.2		74	65	59	53	47	44	41	41	33
WP06-50.49.06	6	9,3	12,5	20.8		89	78	71	64	56	53	49	49	39
WP06-50.57.07	7	11	15	23.7		104	91	83	74	66	61	57	57	46
WP06-50.65.08	8	13	17,5	28.7		119	104	95	85	75	70	65	65	52
WP06-50.73.09	9	15	20	33.1		134	117	106	95	85	79	73	73	59
WP06-50.81.10	10	18,5	25	41.8		149	130	118	106	94	88	81	81	65
WP06-50.89.11	11	18,5	25	41.8		164	144	130	117	103	96	89	89	72
WP06-50.97.12	12	22	30	48.5/46.3		179	157	142	127	113	105	97	97	78
WP06-50.106.13	13	22	30	48.5/46.3		193	170	154	138	122	114	106	106	85
WP06-50.110.14	14	22	30	48.5/46.3		208	183	166	148	131	123	114	114	91
WP06-50.122.15	15	26,5	35	56.4/55.1		223	196	177	159	141	132	122	122	98
WP06-50.125.16	16	26,5	35	56.4/55.1		238	209	189	170	150	140	130	130	104
WP06-50.138.17	17	30	40	64.6/62.4/61.7		253	222	201	180	160	149	138	138	111
WP06-50.146.18	18	30	40	64.6/62.4/61.7		268	235	213	191	169	158	146	146	117
WP06-50.154.19	19	37	50	79.7/74.3/74.3		283	248	225	201	178	167	154	154	124

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	Φ M	Φ P	Motor	Pump	Total
WP06-50.7.01	1	2,2	3	853	471	382	95	144	13.9	7	20.9
WP06-50.14.02	2	3	4	1024	530	494	95	144	16.2	10	26.2
WP06-50.24.03	3	5,5	7,5	1261/1255	655/649	606	95/142	144	22.5/40	12	34.5/52
WP06-50.32.04	4	7,5	10	1513/1396	795/678	718	95/142	144	28.8/43.5	15	43.8/58.5
WP06-50.41.05	5	7,5	10	1625/1508	795/678	830	95/142	144	28.8/43.5	18	46.8/61.5
WP06-50.49.06	6	9,3	12,5	1700	758	942	142	144	50	20	70
WP06-50.57.07	7	11	15	1854	800	1054	142	144	55	23	78
WP06-50.65.08	8	13	17,5	2017	851	1166	142	144	60	26	86
WP06-50.73.09	9	15	20	2189	911	1278	142	144	65	28	93
WP06-50.81.10	10	18,5	25	2363	973	1390	142	144	72	31	103
WP06-50.89.11	11	18,5	25	2475	973	1502	142	144	72	34	106
WP06-50.97.12	12	22	30	2620/2454	1006/840	1614	142/172	144	76/81	36	112/117
WP06-50.106.13	13	22	30	2732/2566	1006/840	1726	142/172	144	76/81	39	115/120
WP06-50.110.14	14	22	30	2844/2678	1006/840	1838	142/172	144	76/81	42	118/123
WP06-50.122.15	15	26,5	35	3056/2840	1106/890	1950	142/172	144	87/86	44	131/130
WP06-50.125.16	16	26,5	35	3168/2952	1106/890	2062	142/172	144	87/86	47	134/133
WP06-50.138.17	17	30	40	3391/3114/3170	1217/940/996	2174	142/172/192	144	98/91/120	49	147/140/169
WP06-50.146.18	18	30	40	3503/3226/3282	1217/940/996	2286	142/172/192	144	98/91/120	52	150/143/172
WP06-50.154.19	19	37	50	3645/3378/3454	1247/980/1056	2398	142/172/192	144	103/103/129	55	158/158/184

# Stainless Steel Submersible Pumps

## WP06-50

(01 to 19 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

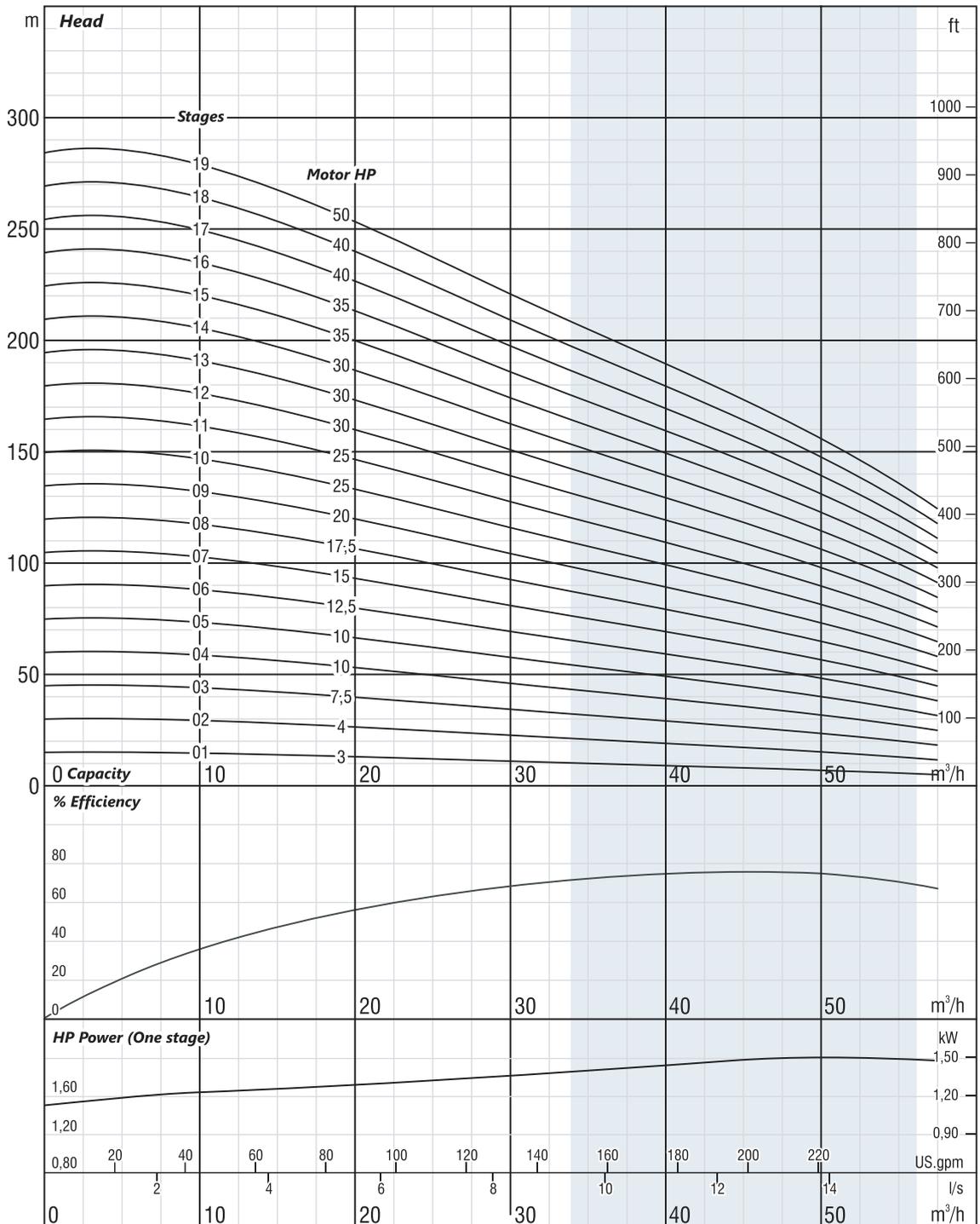
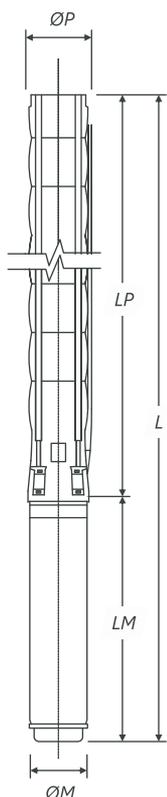
**Outlet connection diameter:**  
4" (inside threaded)

**Shaft diameter:**  
22 mm

**Degree of Protection**  
IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP06-60 (01 to 17 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	30	36	43	51	58	65	72
		kW	HP			0	8,3	10	11,9	14,2	16,1	18,1	20
WP06-60.06.01	1	2,2	3	5.3	Head (m)	14	10	9	8	7	6	5	3
WP06-60.16.02	2	4	5,5	9.5/10.2		30	23	22	20	19	17	15	12
WP06-60.25.03	3	5,5	7,5	12.6/13.3		44	35	33	31	28	26	23	18
WP06-60.34.04	4	7,5	10	17/17.2		59	47	44	41	38	35	31	25
WP06-60.42.05	5	9,3	12,5	20.8		74	59	55	51	47	43	38	31
WP06-60.51.06	6	11	15	23.7		89	70	66	61	56	52	46	37
WP06-60.60.07	7	13	17,5	28.7		104	82	77	72	66	60	53	43
WP06-60.68.08	8	15	20	33.1		118	94	88	82	75	69	61	49
WP06-60.77.09	9	18,5	25	41.8		133	105	99	92	85	78	69	55
WP06-60.85.10	10	18,5	25	41.8		148	117	110	102	94	86	76	62
WP06-60.94.11	11	22	30	48.5/46.3		163	129	121	112	104	95	84	68
WP06-60.103.12	12	22	30	48.5/46.3		178	140	132	123	113	104	92	74
W906-60.111.13	13	26,5	35	56.4/55.1		192	152	143	133	122	112	99	80
WP06-60.120.14	14	26,5	35	56.4/55.1		207	164	154	143	132	121	107	86
WP06-60.129.15	15	30	40	64.6/62.4/61.7		222	176	165	153	141	130	114	92
WP06-60.136.16	16	30	40	64.6/62.4/61.7		237	187	176	164	151	138	122	99
WP06-60.145.17	17	30	40	64.6/62.4/61.7		252	199	187	174	160	147	130	105

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-60.06.01	1	2,2	3	853	471	382	95	144	13.9	7	20.9
WP06-60.16.02	2	4	5,5	1094/1143	600/649	494	95/142	144	19.8/40	10	29.8/50
WP06-60.25.03	3	5,5	7,5	1261/1255	655/649	606	95/142	144	22.5/40	12	34.5/52
WP06-60.34.04	4	7,5	10	1513/1396	795/678	718	95/142	144	28.8/43.5	15	43.8/58.5
WP06-60.42.05	5	9,3	12,5	1588	758	830	142	144	50	18	68
WP06-60.51.06	6	11	15	1742	800	942	142	144	55	20	75
WP06-60.60.07	7	13	17,5	1905	851	1054	142	144	60	23	83
WP06-60.68.08	8	15	20	2077	911	1166	142	144	65	26	91
WP06-60.77.09	9	18,5	25	2251	973	1278	142	144	72	28	100
WP06-60.85.10	10	18,5	25	2363	973	1390	142	144	72	31	103
WP06-60.94.11	11	22	30	2508/2342	1006/840	1502	142/172	144	76/81	34	110/115
WP06-60.103.12	12	22	30	2620/2454	1006/840	1614	142/172	144	76/81	36	112/117
W906-60.111.13	13	26,5	35	2832/2616	1106/890	1726	142/172	144	87/86	39	126/125
WP06-60.120.14	14	26,5	35	2944/2728	1106/890	1838	142/172	144	87/86	42	129/128
WP06-60.129.15	15	30	40	3167/2890/2946	1217/940/996	1950	142/172/192	144	98/91/120	44	142/135/164
WP06-60.136.16	16	30	40	3279/3002/3058	1217/940/996	2062	142/172/192	144	98/91/120	47	145/138/167
WP06-60.145.17	17	30	40	3391/3114/3170	1217/940/996	2174	142/172/192	144	98/91/120	50	148/141/170

# Stainless Steel Submersible Pumps

## WP06-60

(01 to 17 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

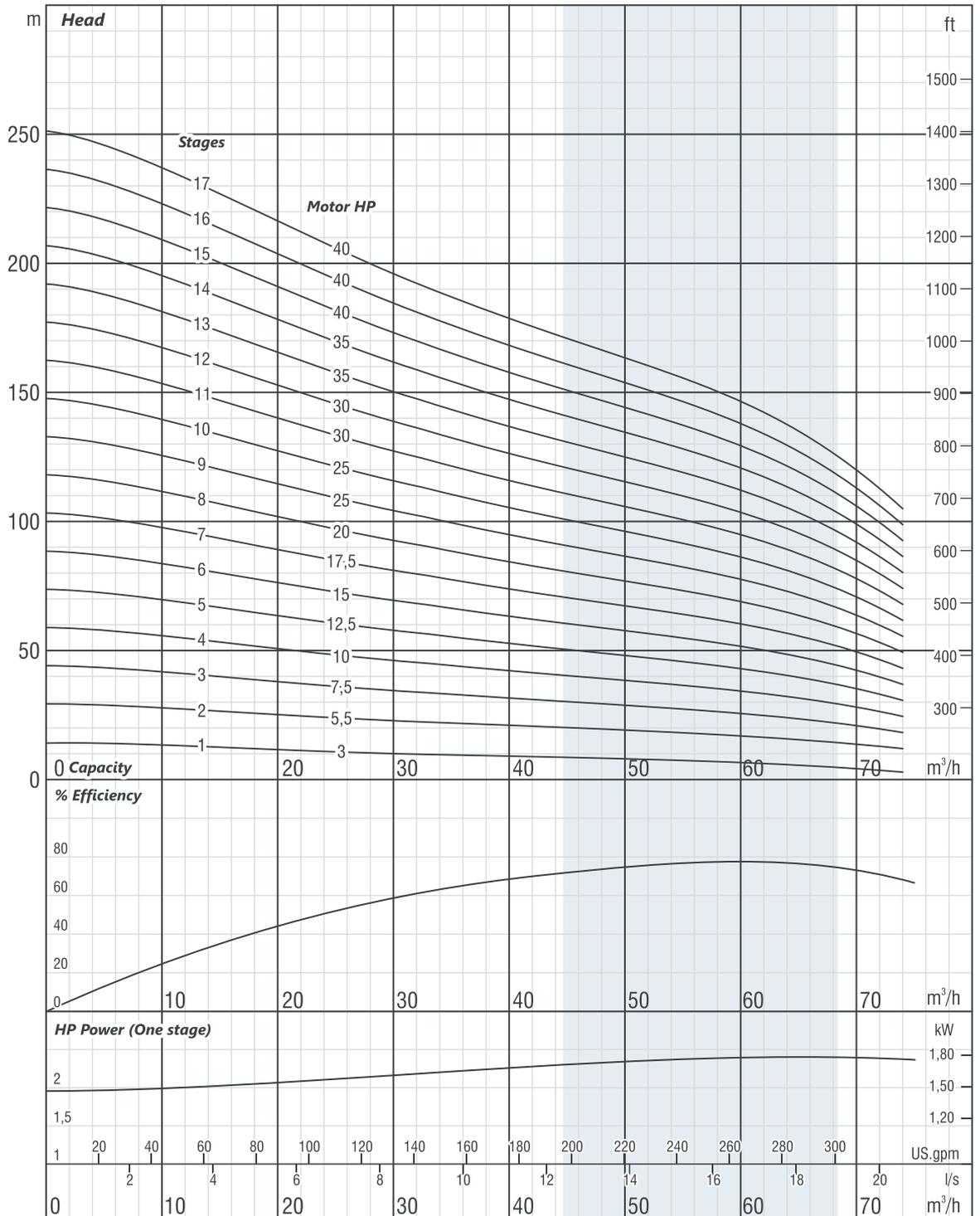
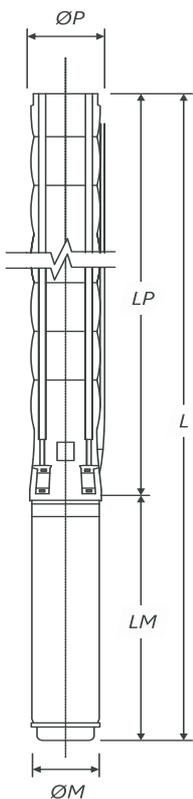
**Rotation:**  
CCW

**Revolution:**  
2900 rpm

**Outlet connection diameter:**  
4" (inside threaded)

**Shaft diameter:**  
22 mm

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৩৮-৬৮  
গধীরসঃ ংধফ পডঃবঃ  
১০০ মঃ/সঃ  
গরঃসঃ ৩ঃডঃ পডঃবঃ  
২সম/বঃ



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP06-60 (18 to 30 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	30	36	43	51	58	65	72
		kW	HP			0	8,3	10	11,9	14,2	16,1	18,1	20
WP06-60.150.18	18	37	50	79.7/74.3/74.3	Head (m)	266	211	198	184	169	155	137	111
WP06-60.160.19	19	37	50	79.7/74.3/74.3		281	222	209	194	179	164	145	117
WP06-60.170.20	20	37	50	79.7/74.3/74.3		296	234	220	204	188	173	153	123
WP06-60.175.21	21	37	50	79.7/74.3/74.3		311	246	231	215	198	181	160	129
WP06-60.185.22	22	45	60	0/90.3/90.4		326	257	242	225	207	190	168	136
WP06-60.195.23	23	45	60	0/90.3/90.4		340	269	253	235	216	199	176	142
WP06-60.205.24	24	45	60	0/90.3/90.4		355	281	264	245	226	207	183	148
WP06-60.210.25	25	52	70	105.6/103.3		370	293	275	256	235	216	191	154
WP06-60.220.26	26	52	70	105.6/103.3		385	304	285	266	245	225	198	160
WP06-60.225.27	27	52	70	105.6/103.3		400	316	296	276	254	233	206	166
WP06-60.235.28	28	52	70	105.6/103.3		414	328	307	286	264	242	214	173
WP06-60.245.29	29	55	75	112.9/110.5		429	339	318	296	273	250	221	179
WP06-60.255.30	30	55	75	112.9/110.5		444	351	329	307	282	259	229	185

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP06-60.150.18	18	37	50	3533/3266/3342	1247/980/1056	2286	142/172/192	144	103/103/129	52	155/155/181
WP06-60.160.19	19	37	50	3645/3378/3454	1247/980/1056	2398	142/172/192	144	103/103/129	55	158/158/184
WP06-60.170.20	20	37	50	3757/3490/3566	1247/980/1056	2510	142/172/192	144	103/103/129	58	161/161/187
WP06-60.175.21	21	37	50	3869/3602/3678	1247/980/1056	2622	142/172/192	144	103/103/129	60	163/163/189
WP06-60.185.22	22	45	60	4081/3794/3850	1347/1060/1116	2734	142/172/192	144	110/113/138	63	173/176/201
WP06-60.195.23	23	45	60	4193/3906/3962	1347/1060/1116	2846	142/172/192	144	110/113/138	65	175/178/203
WP06-60.205.24	24	45	60	4305/4018/4074	1347/1060/1116	2958	142/172/192	144	110/113/138	68	178/181/206
WP06-60.210.25	25	52	70	4209/4271	1139/1201	3070	172/192	144	127/152	71	198/223
WP06-60.220.26	26	52	70	4321/4383	1139/1201	3182	172/192	144	127/152	73	200/225
WP06-60.225.27	27	52	70	4433/4495	1139/1201	3294	172/192	144	127/152	76	203/228
WP06-60.235.28	28	52	70	4545/4607	1139/1201	3406	172/192	144	127/152	79	206/231
WP06-60.245.29	29	55	75	4736/4804	1218/1286	3518	172/192	144	138/170	81	219/251
WP06-60.255.30	30	55	75	4848/4916	1218/1286	3630	172/192	144	138/170	84	222/254

# Stainless Steel Submersible Pumps

## WP06-60

(18 to 30 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

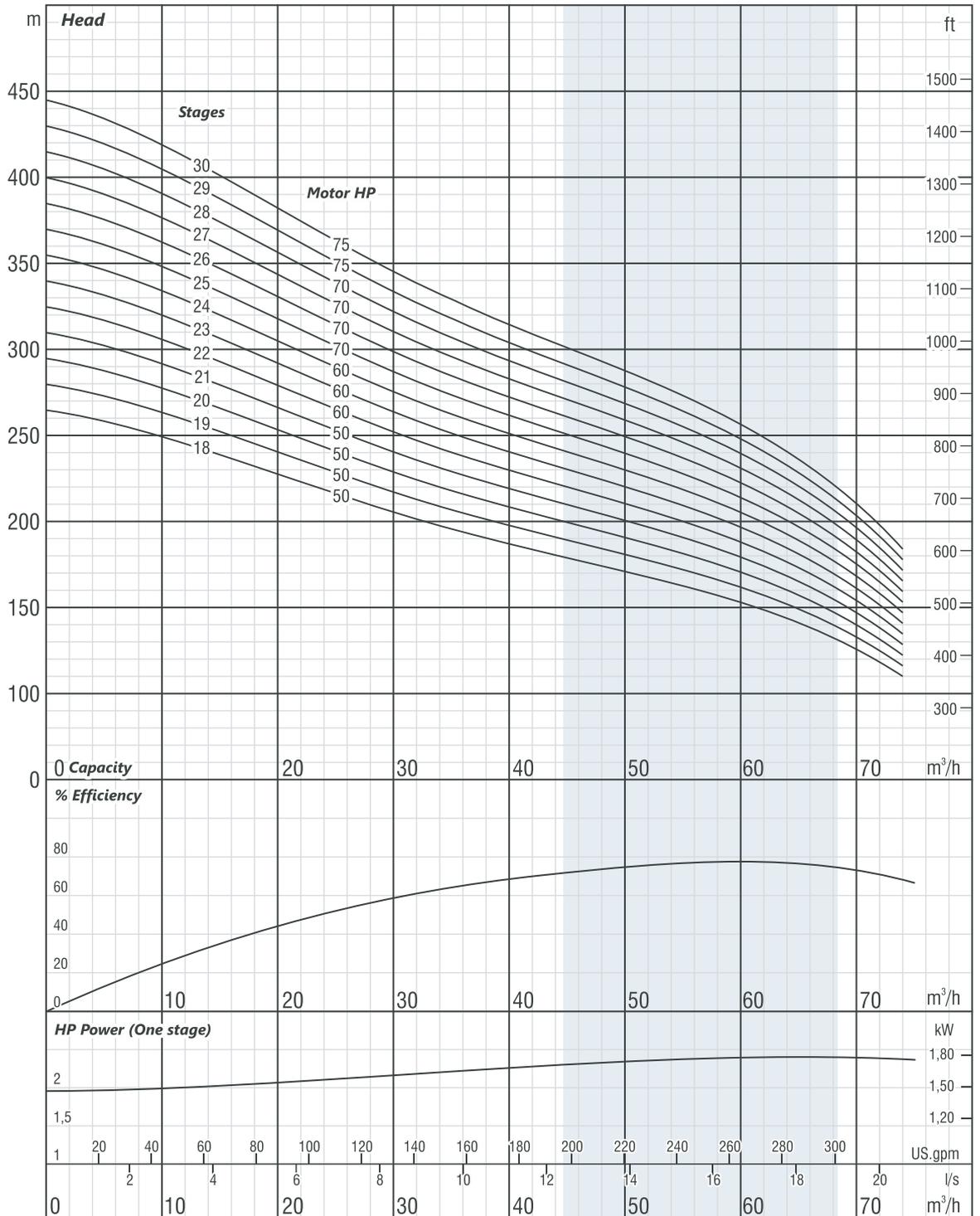
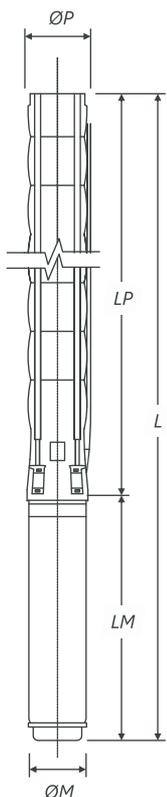
**Outlet connection diameter:**  
4" (inside threaded)

**Shaft diameter:**  
22 mm

**Degree of Protection**  
IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP07-75 (01 to 22 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	20	57,6	64,8	72	79,2	86,4	96	
		kW	HP			0	5,5	16	18	20	22	24	26,7	
WP07-75.14.01	1	4	5,5	9.5/10.2	Head (m)	19	19	15	15	14	13	11	9	
WP07-75.27.02	2	7,5	10	17/17.2		38	37	31	29	27	25	23	23	19
WP07-75.41.03	3	11	15	23.7		58	56	46	44	41	38	34	34	28
WP07-75.55.04	4	15	20	33.1		77	74	62	58	55	50	45	45	37
WP07-75.68.05	5	18,5	25	41.8		96	93	77	73	68	63	57	57	47
WP07-75.82.06	6	22	30	48.5/46.3		115	111	93	88	82	75	68	68	56
WP07-75.96.07	7	26,5	35	56.4/55.1		135	130	108	102	96	88	79	79	66
WP07-75.110.08	8	37	50	0/90.3/90.4		154	149	124	117	109	101	91	91	75
WP07-75.125.09	9	45	60	0/90.3/90.4		173	167	139	132	123	113	102	102	84
WP07-75.137.10	10	45	60	0/90.3/90.4		192	186	155	146	137	126	113	113	94
WP07-75.150.11	11	45	60	0/90.3/90.4		211	204	170	161	150	138	125	125	103
WP07-75.164.12	12	45	60	0/90.3/90.4		231	223	186	175	164	151	136	136	112
WP07-75.178.13	13	52	70	105.6/103.3		250	241	201	190	178	164	147	147	122
WP07-75.191.14	14	52	70	105.6/103.3		269	260	217	205	191	176	159	159	131
WP07-75.205.15	15	55	75	112.9/110.5		288	279	232	219	205	189	170	170	140
WP07-75.219.16	16	60	80	0/119.1		307	297	247	234	219	201	181	181	150
WP07-75.232.17	17	67	90	0/134.6		327	316	263	249	232	214	193	193	159
WP07-75.246.18	18	67	90	0/134.6		346	334	278	263	246	226	204	204	169
WP07-75.260.19	19	67	90	0/134.6		365	353	294	278	260	239	215	215	178
WP07-75.273.20	20	75	100	150.7/0		384	371	309	292	273	252	227	227	187
WP07-75.287.21	21	75	100	150.7/0		404	390	325	307	287	264	238	238	197
WP07-75.301.22	22	81	110	162.7/159		423	409	340	322	301	277	249	249	206

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP07-75.14.01	1	4	5,5	1171/1220	600/649	571	95/142	172	19.8/40	26	45.8/66
WP07-75.27.02	2	7,5	10	1494/1377	795/678	699	95/142	172	28.8/43.5	30	58.8/73.5
WP07-75.41.03	3	11	15	1627	800	827	142	172	55	34	89
WP07-75.55.04	4	15	20	1866	911	955	142	172	65	38	103
WP07-75.68.05	5	18,5	25	2056	973	1083	142	172	72	42	114
WP07-75.82.06	6	22	30	2217/2051	1006/840	1211	142/172	172	76/81	46	122/127
WP07-75.96.07	7	26,5	35	2445/2229	1106/890	1339	142/172	172	87/86	50	137/136
WP07-75.110.08	8	37	50	2684/2407/2463	1217/940/996	1467	142/172/192	172	98/91/120	54	152/145/174
WP07-75.125.09	9	45	60	2842/2575/2651	1247/980/1056	1595	142/172/192	172	103/103/129	58	161/161/187
WP07-75.137.10	10	45	60	2970/2703/2779	1247/980/1056	1723	142/172/192	172	103/103/129	62	165/165/191
WP07-75.150.11	11	45	60	3198/2911/2967	1347/1060/1116	1851	142/172/192	172	110/113/138	66	176/179/204
WP07-75.164.12	12	45	60	3326/3039/3095	1347/1060/1116	1979	142/172/192	172	110/113/138	70	180/183/208
WP07-75.178.13	13	52	70	3246/3308	1139/1201	2107	172/192	172	127/152	74	201/226
WP07-75.191.14	14	52	70	3374/3436	1139/1201	2235	172/192	172	127/152	78	205/230
WP07-75.205.15	15	55	75	3581/3649	1218/1286	2363	172/192	172	138/170	82	220/252
WP07-75.219.16	16	60	80	3741/3777	1250/1286	2491	172/192	172	149/170	86	235/256
WP07-75.232.17	17	67	90	3901/3960	1282/1341	2619	172/192	172	160/185	89	249/274
WP07-75.246.18	18	67	90	4029/4088	1282/1341	2747	172/192	172	160/185	93	253/278
WP07-75.260.19	19	67	90	4157/4216	1282/1341	2875	172/192	172	160/185	97	257/282
WP07-75.273.20	20	75	100	4369/4253	1366/1250	3003	192/231	172	186/200	101	287/301
WP07-75.287.21	21	75	100	4497/4381	1366/1250	3131	192/231	172	186/200	105	291/305
WP07-75.301.22	22	81	110	4650/4569	1391/1310	3259	192/231	172	195/228	109	304/337

# Stainless Steel Submersible Pumps

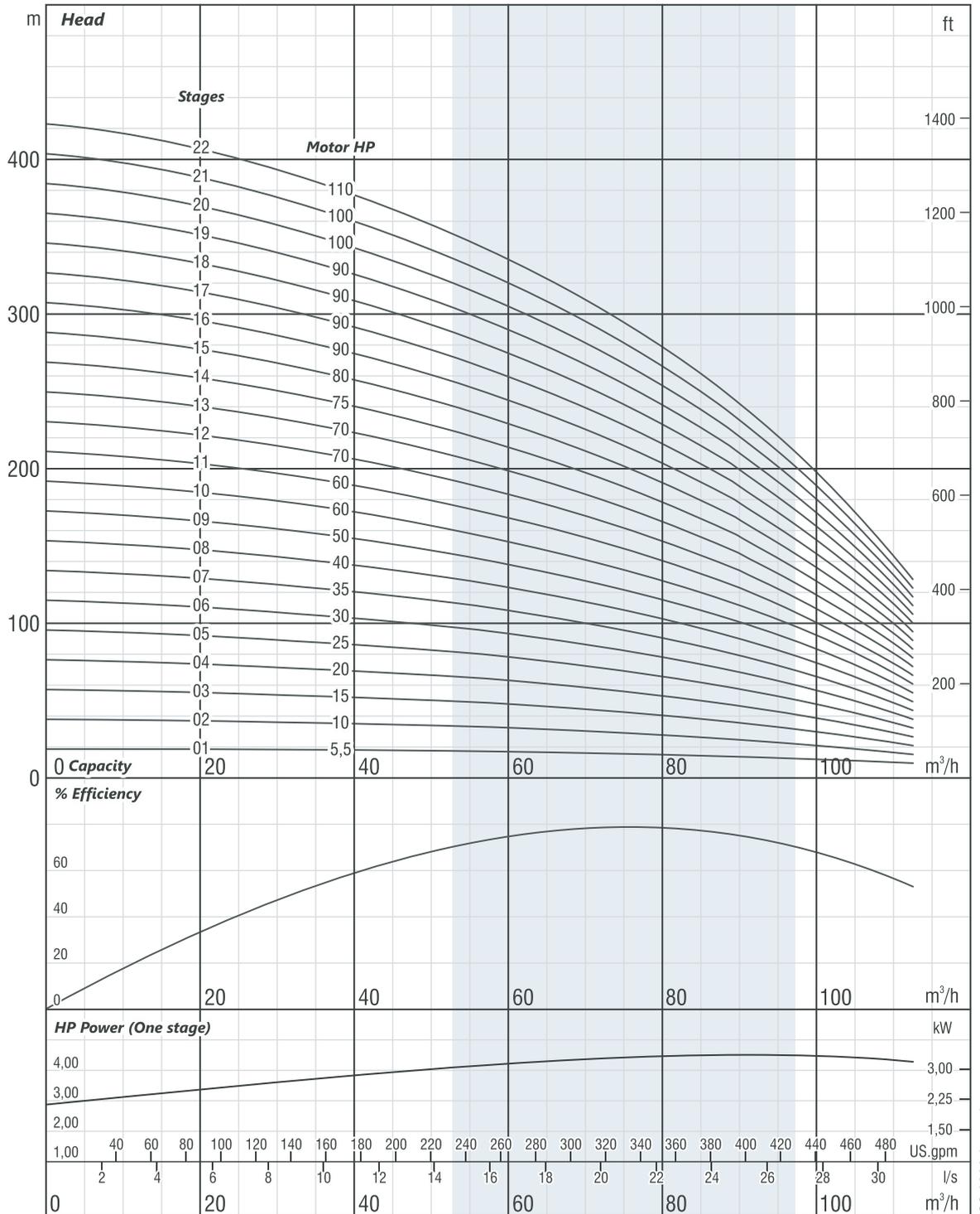
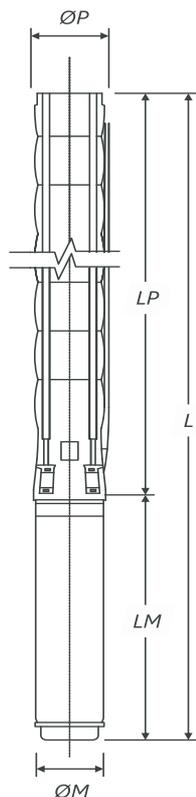
## WP07-75

(01 to 22 Stage)



### Performance Curves

- Number of vanes:**  
6 PCS
- Rotation:**  
CCW
- Revolution:**  
2900 rpm
- Outlet connection diameter:**  
5" (inside threaded)
- Shaft diameter:**  
25,4 mm
- Degree of Protection**  
IP-68
- Maximum sand content**  
100 gr/m<sup>3</sup>
- Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP07-90 (01 to 22 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	20	40	60	70	80	90	100	110
		kW	HP			0	5,6	11,1	16,7	19,4	22,2	25	27,8	30,6
WP07-90.16.01	1	5,5	7,5	12.6/13.3	Head (m)	25	24	21	19	18	17	16	15	13
WP07-90.32.02	2	11	15	23.7		50	47	42	37	35	34	32	29	25
WP07-90.48.03	3	15	20	33.1		75	71	63	56	53	51	48	44	38
WP07-90.64.04	4	22	30	48.5/46.3		100	95	84	75	71	67	64	58	51
WP07-90.79.05	5	30	40	64.6/62.4/61.7		125	119	105	93	89	84	79	73	63
WP07-90.95.06	6	37	50	79.7/74.3/74.3		150	142	126	112	106	101	95	88	76
WP07-90.111.07	7	37	50	79.7/74.3/74.3		175	166	148	131	124	118	111	102	89
WP07-90.127.08	8	45	60	0/90.3/90.4		200	190	169	149	142	135	127	117	101
WP07-90.143.09	9	45	60	0/90.3/90.4		225	214	190	168	159	152	143	131	114
WP07-90.159.10	10	55	75	112.9/110.5		250	237	211	187	177	168	159	146	127
WP07-90.175.11	11	60	80	0/119.1		275	261	232	205	195	185	175	161	139
WP07-90.191.12	12	67	90	0/134.6		300	285	253	224	213	202	191	175	152
WP07-90.206.13	13	75	100	150.7/0		325	309	274	243	230	219	206	190	165
WP07-90.222.14	14	75	100	150.7/0		350	332	295	261	248	236	222	204	177
WP07-90.238.15	15	81	110	162.7/159		375	356	316	280	266	253	238	219	190
WP07-90.254.16	16	92	125	184.8/179		400	380	337	299	283	269	254	234	203
WP07-90.270.17	17	92	125	184.8/179		425	404	358	317	301	286	270	248	215
WP07-90.286.18	18	110	150	218.5/216		450	427	379	336	319	303	286	263	228
WP07-90.302.19	19	110	150	218.5/216		475	451	401	355	337	320	302	277	241
WP07-90.318.20	20	110	150	218.5/216		500	475	422	373	354	337	318	292	253
WP07-90.333.21	21	110	150	218.5/216		525	499	443	392	372	354	333	307	266
WP07-90.349.22	22	129	175	248		550	522	464	411	390	370	349	321	279

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP07-90.16.01	1	5,5	7,5	1226/1220	655/649	571	95/142	172	22.5/40	26	48.5/66
WP07-90.32.02	2	11	15	1499	800	699	142	172	55	30	85
WP07-90.48.03	3	15	20	1738	911	827	142	172	65	34	99
WP07-90.64.04	4	22	30	1961/1795	1006/840	955	142/172	172	76/81	38	114/119
WP07-90.79.05	5	30	40	2300/2023/2079	1217/940/996	1083	142/172/192	172	98/91/120	42	140/133/162
WP07-90.95.06	6	37	50	2458/2191/2267	1247/980/1056	1211	142/172/192	172	103/103/129	46	149/149/175
WP07-90.111.07	7	37	50	2586/2319/2395	1247/980/1056	1339	142/172/192	172	103/103/129	50	153/153/179
WP07-90.127.08	8	45	60	2814/2527/2583	1347/1060/1116	1467	142/172/192	172	110/113/138	54	164/167/192
WP07-90.143.09	9	45	60	2942/2655/2711	1347/1060/1116	1595	142/172/192	172	110/113/138	58	168/171/196
WP07-90.159.10	10	55	75	2941/3009	1218/1286	1723	172/192	172	138/170	62	200/232
WP07-90.175.11	11	60	80	3101/3137	1250/1286	1851	172/192	172	149/170	66	215/236
WP07-90.191.12	12	67	90	3261/3320	1282/1341	1979	172/192	172	160/185	70	230/255
WP07-90.206.13	13	75	100	3473/3357	1366/1250	2107	192/231	172	186/200	74	260/274
WP07-90.222.14	14	75	100	3601/3485	1366/1250	2235	192/231	172	186/200	78	264/278
WP07-90.238.15	15	81	110	3754/3673	1391/1310	2363	192/231	172	195/228	82	277/310
WP07-90.254.16	16	92	125	3962/3861	1471/1370	2491	192/231	172	210/256	86	296/342
WP07-90.270.17	17	92	125	4090/3989	1471/1370	2619	192/231	172	210/256	90	300/346
WP07-90.286.18	18	110	150	4348/4177	1601/1430	2747	192/231	172	235/284	94	329/378
WP07-90.302.19	19	110	150	4476/4305	1601/1430	2875	192/231	172	235/284	98	333/382
WP07-90.318.20	20	110	150	4604/4433	1601/1430	3003	192/231	172	235/284	102	337/386
WP07-90.333.21	21	110	150	4732/4561	1601/1430	3131	192/231	172	235/284	106	341/390
WP07-90.349.22	22	129	175	4769	1510	3259	231	172	311	110	421

# Stainless Steel Submersible Pumps

## WP07-90

(01 to 22 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

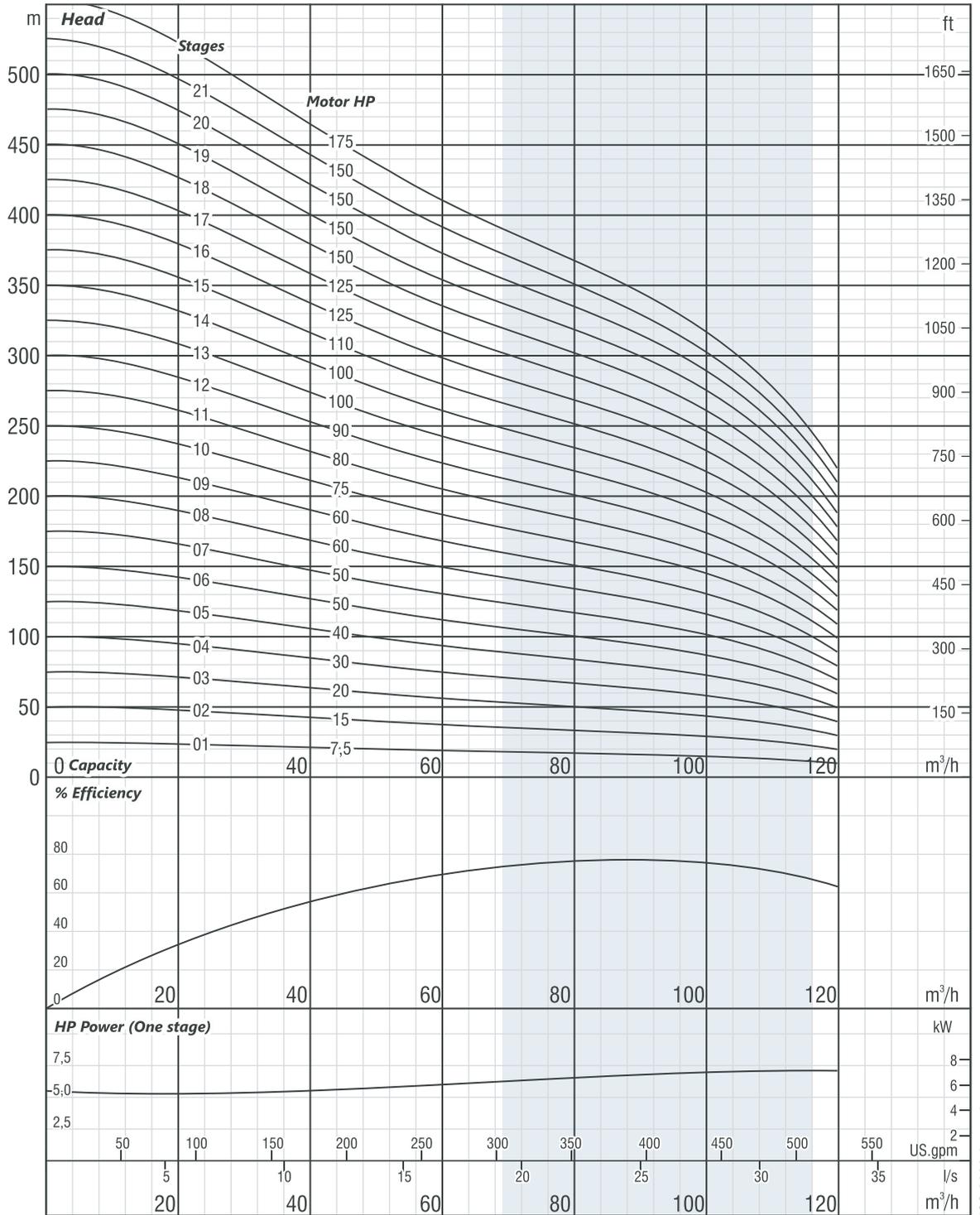
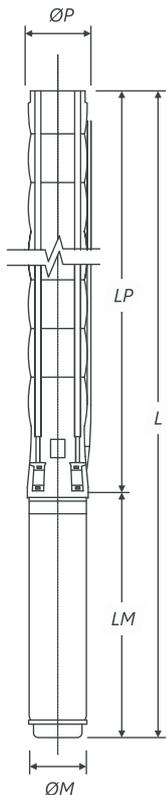
**Outlet connection diameter:**  
5" (inside threaded)

**Shaft diameter:**  
25,4 mm

**Degree of Protection**  
IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A



# Stainless Steel Submersible Pumps

## WP08-100 (01 to 19 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h	0	25	70	80	90	100	110	120	130	
		kW	HP			0	6,9	19,4	22,2	25,0	27,8	30,6	33,3	36,1	
WP08-100.75.01	1	7,5	10	17/17.2	Head (m)	27	27	22	22	21	20	18	16	14	
WP08-100.80.02	2	15	20	33.1		55	53	45	43	42	39	36	33	33	28
WP08-100.90.03	3	22	30	48.5/46.3		82	80	67	65	63	59	55	55	49	43
WP08-100.90.04	4	30	40	64.6/62.4/61.7		110	107	90	87	83	79	73	66	66	57
WP08-100.100.05	5	37	50	79.7/74.3/74.3		137	133	112	109	104	98	91	82	82	71
WP08-100.110.06	6	45	60	0/90.3/90.4		165	160	135	130	125	110	109	99	99	85
WP08-100.110.06	6	52	70	105.6/103.3		192	187	157	152	146	125	128	115	99	99
WP08-100.125.07	7	52	70	105.6/103.3		192	187	157	152	146	138	128	115	99	99
WP08-100.125.08	8	60	80	0/119.1		220	213	180	174	167	158	146	131	114	114
WP08-100.130.09	9	67	90	0/134.6		247	240	202	196	188	177	164	148	128	128
WP08-100.135.10	10	75	100	150.7/0		274	267	225	217	208	197	182	164	142	142
WP08-100.140.11	11	81	110	162.7/159		302	293	247	239	229	217	200	181	156	156
WP08-100.145.12	12	92	125	184.8/179		329	320	270	261	250	236	219	197	170	170
WP08-100.150.13	13	92	125	184.8/179		357	347	292	283	271	256	237	214	185	185
WP08-100.155.14	14	110	150	218.5/216		384	373	315	304	292	276	255	230	199	199
WP08-100.160.15	15	110	150	218.5/216		412	400	337	326	313	295	273	246	213	213
WP08-100.165.16	16	129	175	248		439	427	360	348	333	315	292	263	227	227
WP08-100.170.17	17	129	175	248		467	453	382	370	354	335	310	279	241	241
WP08-100.175.18	18	129	175	248		494	480	405	391	375	355	328	296	256	256
WP08-100.180.19	19	147	200	282	521	507	427	413	396	374	346	312	270	270	

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP08-100.75.01	1	7,5	10	1481/1364	795/678	686	95/142	213	28.8/43.5	32	60.8/75.5
WP08-100.80.02	2	15	20	1753	911	842	142	213	65	38	103
WP08-100.90.03	3	22	30	2003/1837	1006/840	997	142/172	213	76/81	45	121/126
WP08-100.90.04	4	30	40	2370/2093/2149	1217/940/996	1153	142/172/192	213	98/91/120	51	149/142/171
WP08-100.100.05	5	37	50	2556/2289/2365	1247/980/1056	1309	142/172/192	213	103/103/129	57	160/160/186
WP08-100.110.06	6	45	60	2812/2525/2581	1347/1060/1116	1465	142/172/192	213	110/113/138	64	174/177/202
WP08-100.110.06	6	52	70	2604/2666	1139/1201	1465	172/192	213	127/152	64	191/216
WP08-100.125.07	7	52	70	2759/2821	1139/1201	1620	172/192	213	127/152	70	197/222
WP08-100.125.08	8	60	80	3026/3062	1250/1286	1776	172/192	213	149/170	76	225/246
WP08-100.130.09	9	67	90	3214/3273	1282/1341	1932	172/192	213	160/185	83	243/268
WP08-100.135.10	10	75	100	3453/3337	1366/1250	2087	192/231	213	186/200	89	275/289
WP08-100.140.11	11	81	110	3634/3553	1391/1310	2243	192/231	213	195/228	95	290/323
WP08-100.145.12	12	92	125	3870/3769	1471/1370	2399	192/231	213	210/256	101	311/357
WP08-100.150.13	13	92	125	4025/3924	1471/1370	2554	192/231	213	210/256	108	318/364
WP08-100.155.14	14	110	150	4311/4140	1601/1430	2710	192/231	213	235/284	114	349/398
WP08-100.160.15	15	110	150	4467/4296	1601/1430	2866	192/231	213	235/284	120	355/404
WP08-100.165.16	16	129	175	4532	1510	3022	231	213	311	127	438
WP08-100.170.17	17	129	175	4687	1510	3177	231	213	311	133	444
WP08-100.175.18	18	129	175	4843	1510	3333	231	213	311	139	450
WP08-100.180.19	19	147	200	5099	1610	3489	231	213	338	145	483

# Stainless Steel Submersible Pumps

## WP08-100

(01 to 19 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

**Outlet connection diameter:**  
6" (inside threaded)

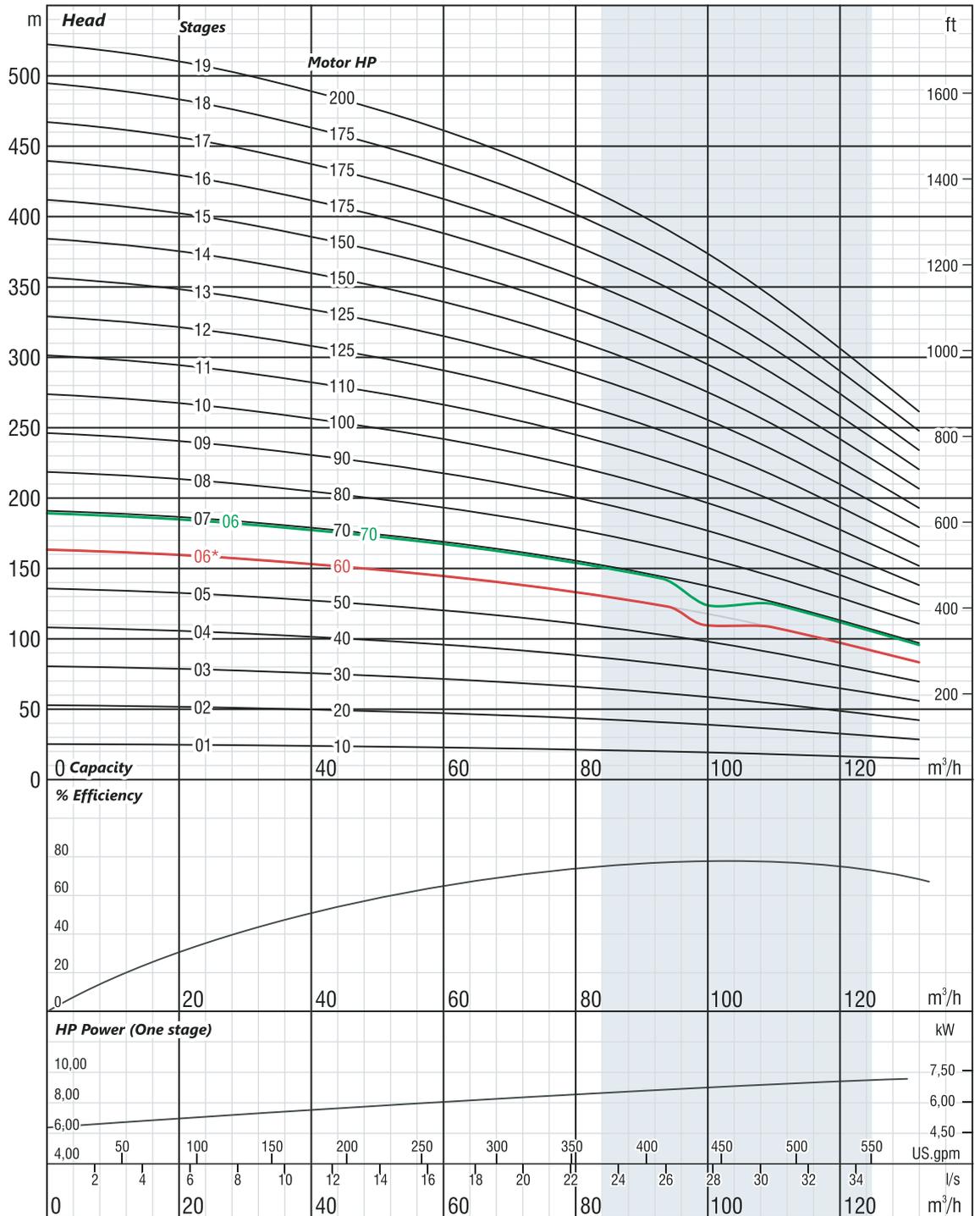
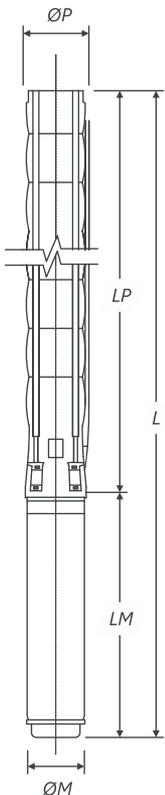
**Shaft diameter:**  
30,16 mm

**Degree of Protection**

IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP08-125 (01 to 13 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	40	90	120	130	140	150	160	170
		kW	HP			0	11,1	25	33,3	36,1	38,9	41,7	44,4	47,2
WP08-125.20.01.A1	1	9,3	12,5	20.8	Head (m)	29	27	24	20	19	17	15	13	11
WP08-125.22.01	1	11	15	23.7		32	30	26	23	22	20	18	16	14
WP08-125.40.02.A2	2	18,5	25	41.8		59	55	47	41	38	35	31	27	21
WP08-125.45.02	2	22	30	48.5/46.3		64	60	52	46	43	40	37	33	28
WP08-125.55.03.A2.C1	3	26,5	35	56.4/55.1		84	79	67	57	53	48	42	36	28
WP08-125.62.03.A2	3	30	40	64.6/62.4/61.7		91	85	73	64	59	55	49	43	35
WP08-125.67.03	3	37	50	79.7/74.3/74.3		96	91	79	69	65	60	55	49	42
WP08-125.78.04.A4	4	37	50	79.7/74.3/74.3		117	110	94	81	76	69	62	53	43
WP08-125.89.04	4	45	60	0/90.3/90.4		128	121	105	92	86	80	73	65	56
WP08-125.95.05.A4.C1	5	45	60	0/90.3/90.4		143	134	114	98	91	83	73	62	49
WP08-125.109.05.A1	5	52	70	105.6/103.3		158	148	128	112	105	98	89	78	66
WP08-125.112.05	5	55	75	112.9/110.5		160	151	131	115	108	100	92	81	70
WP08-125.126.06.A3	6	60	80	0/119.1		184	173	149	130	122	112	101	89	74
WP08-125.134.06	6	67	90	0/134.6		192	181	157	138	130	120	110	98	83
WP08-125.156.07	7	75	100	150.7/0		225	211	183	161	151	140	128	114	97
WP08-125.172.08.A3	8	81	110	162.7/159		249	234	203	177	166	153	139	122	103
WP08-125.179.08	8	92	125	184.8/179		257	241	210	184	173	161	146	130	111
WP08-125.194.09.A3	9	92	125	184.8/179		281	264	229	200	187	173	157	139	117
WP08-125.200.09	9	110	150	218.5/216		289	272	236	207	194	181	165	146	125
WP08-125.223.10	10	110	150	218.5/216		321	302	262	230	216	201	183	163	139
WP08-125.235.11.A4	11	110	150	218.5/216	343	322	279	243	228	211	191	168	142	
WP08-125.245.11	11	129	175	248	353	332	288	253	238	221	201	179	153	
WP08-125.267.12	12	129	175	248	385	362	315	275	259	241	220	195	167	
WP08-125.290.13	13	147	200	282	417	392	341	298	281	261	238	211	181	

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP08-125.20.01.A1	1	9,3	12,5	1444	758	686	142	213	50	32	82
WP08-125.22.01	1	11	15	1486	800	686	142	213	55	32	87
WP08-125.40.02.A2	2	18,5	25	1815	973	842	142	213	72	39	111
WP08-125.45.02	2	22	30	1848/1682	1006/840	842	142/172	213	76/81	39	115/120
WP08-125.55.03.A2.C1	3	26,5	35	2103/1887	1106/890	997	142/172	213	87/86	45	132/131
WP08-125.62.03.A2	3	30	40	2214/1937/1993	1217/940/996	997	142/172/192	213	98/91/120	45	143/136/165
WP08-125.67.03	3	37	50	2244/1977/2053	1247/980/1056	997	142/172/192	213	103/103/129	45	148/148/174
WP08-125.78.04.A4	4	37	50	2400/2133/2209	1247/980/1056	1153	142/172/192	213	103/103/129	52	155/155/181
WP08-125.89.04	4	45	60	2500/2213/2269	1347/1060/1116	1153	142/172/192	213	110/113/138	52	162/165/190
WP08-125.95.05.A4.C1	5	45	60	2656/2369/2425	1347/1060/1116	1309	142/172/192	213	110/113/138	58	168/171/196
WP08-125.109.05.A1	5	52	70	2448/2510	1139/1201	1309	172/192	213	127/152	58	185/210
WP08-125.112.05	5	55	75	2527/2595	1218/1286	1309	172/192	213	138/170	58	196/228
WP08-125.126.06.A3	6	60	80	2715/2751	1250/1286	1465	172/192	213	149/170	65	214/235
WP08-125.134.06	6	67	90	2747/2806	1282/1341	1465	172/192	213	160/185	65	225/250
WP08-125.156.07	7	75	100	2986/2870	1366/1250	1620	192/231	213	186/200	71	257/271
WP08-125.172.08.A3	8	81	110	3167/3086	1391/1310	1776	192/231	213	195/228	78	273/306
WP08-125.179.08	8	92	125	3247/3146	1471/1370	1776	192/231	213	210/256	78	288/334
WP08-125.194.09.A3	9	92	125	3403/3302	1471/1370	1932	192/231	213	210/256	84	294/340
WP08-125.200.09	9	110	150	3533/3362	1601/1430	1932	192/231	213	235/284	84	319/368
WP08-125.223.10	10	110	150	3688/3517	1601/1430	2087	192/231	213	235/284	91	326/375
WP08-125.235.11.A4	11	110	150	3844/3673	1601/1430	2243	192/231	213	235/284	97	332/381
WP08-125.245.11	11	129	175	3753	1510	2243	231	213	311	97	408
WP08-125.267.12	12	129	175	3909	1510	2399	231	213	311	104	415
WP08-125.290.13	13	147	200	4164	1610	2554	231	213	338	110	448

# Stainless Steel Submersible Pumps

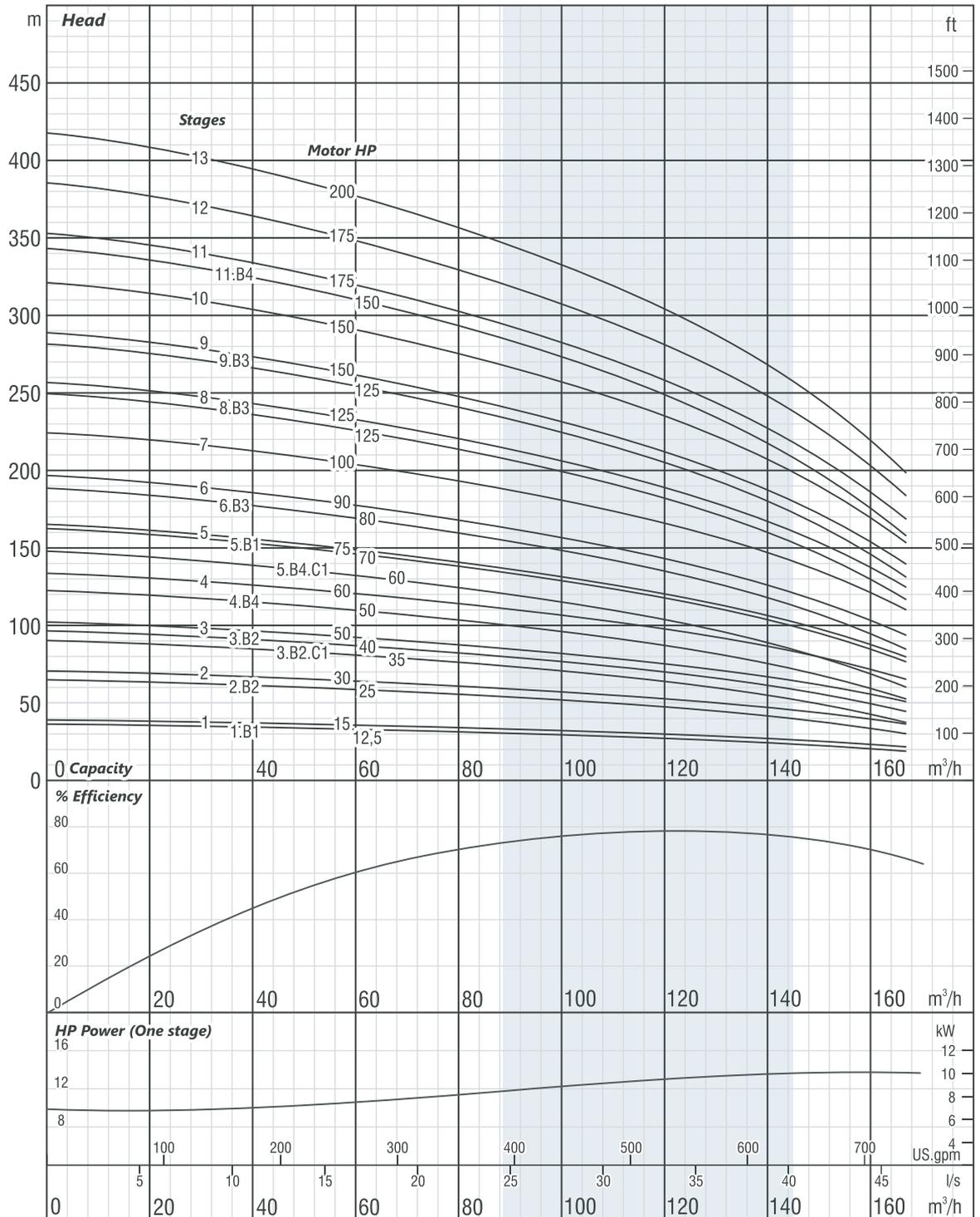
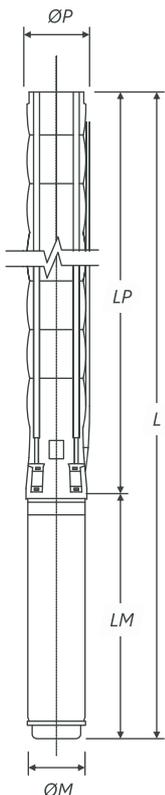
## WP08-125

(01 to 13 Stage)



### Performance Curves

- Number of vanes:**  
6 PCS
- Rotation:**  
CCW
- Revolution:**  
2900 rpm
- Outlet connection diameter:**  
6" (inside threaded)
- Shaft diameter:**  
30,16 mm
- Degree of Protection**  
IP-68
- Maximum sand content**  
100 gr/m<sup>3</sup>
- Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP08-150 (01 to 07 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	80	100	120	140	160	180	200
		kW	HP			0	22,2	27,8	33,3	38,9	44,4	50	55,6
WP08-150.65.01	1	9,3	12,5	20.8	Head (m)	25	21	19	18	16	14	11	7
WP08-150.70.01	1	11	15	23.7		30	25	24	22	21	19	16	13
WP08-150.75.02, B5	2	18,5	25	41.8		53	44	41	39	35	31	25	17
WP08-150.75.02	2	22	30	48.5/46.3		60	50	47	45	41	38	33	26
WP08-150.80.03	3	30	40	64.6/62.4/61.7		84	70	66	62	57	51	43	32
WP08-150.90.03, B2	3	37	50	79.7/74.3/74.3		90	76	71	67	62	57	49	39
WP08-150.90.04, A7	4	37	50	79.7/74.3/74.3		110	91	85	80	74	65	54	39
WP08-150.90.04	4	45	60	0/90.3/90.4		120	101	95	89	83	75	65	52
WP08-150.100.05, A6	5	45	60	0/90.3/90.4		135	112	105	98	90	80	65	46
WP08-150.100.05	5	55	75	112.9/110.5		150	126	119	111	104	94	81	65
WP08-150.110.06, A5	6	60	80	0/119.1		170	142	134	125	116	104	87	66
WP08-150.110.06	6	67	90	0/134.6		180	151	142	134	124	113	98	78
WP08-150.125.07, A3	7	67	90	0/134.6		199	166	155	146	135	121	102	77
WP08-150.125.07, A1	7	75	100	150.7/0		204	171	161	151	140	126	108	84
WP08-150.125.07, A2	7	75	100	150.7/0	208	175	164	154	143	130	112	89	

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP08-150.65.01	1	9,3	12,5	1444	758	686	142	226	50	34	84
WP08-150.70.01	1	11	15	1486	800	686	142	226	55	34	89
WP08-150.75.02, B5	2	18,5	25	1815	973	842	142	226	72	40	112
WP08-150.75.02	2	22	30	1848/1682	1006/840	842	142/172	226	76/81	40	116/121
WP08-150.80.03	3	30	40	2214/1937/1993	1217/940/996	997	142/172/192	226	98/91/120	47	145/138/167
WP08-150.90.03, B2	3	37	50	2244/1977/2053	1247/980/1056	997	142/172/192	226	103/103/129	47	150/150/176
WP08-150.90.04, A7	4	37	50	2400/2133/2209	1247/980/1056	1153	142/172/192	226	103/103/129	53	156/156/182
WP08-150.90.04	4	45	60	2500/2213/2269	1347/1060/1116	1153	142/172/192	226	110/113/138	53	163/166/191
WP08-150.100.05, A6	5	45	60	2656/2369/2425	1347/1060/1116	1309	142/172/192	226	110/113/138	60	170/173/198
WP08-150.100.05	5	55	75	2527/2595	1218/1286	1309	172/192	226	138/170	60	198/230
WP08-150.110.06, A5	6	60	80	2715/2751	1250/1286	1465	172/192	226	149/170	66	215/236
WP08-150.110.06	6	67	90	2747/2806	1282/1341	1465	172/192	226	160/185	66	226/251
WP08-150.125.07, A3	7	67	90	2902/2961	1282/1341	1620	172/192	226	160/185	73	233/258
WP08-150.125.07, A1	7	75	100	2986/2870	1366/1250	1620	192/231	226	186/200	73	259/273
WP08-150.125.07, A2	7	75	100	2986/2870	1366/1250	1620	192/231	226	186/200	73	259/273

# Stainless Steel Submersible Pumps

## WP08-150

(01 to 07 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

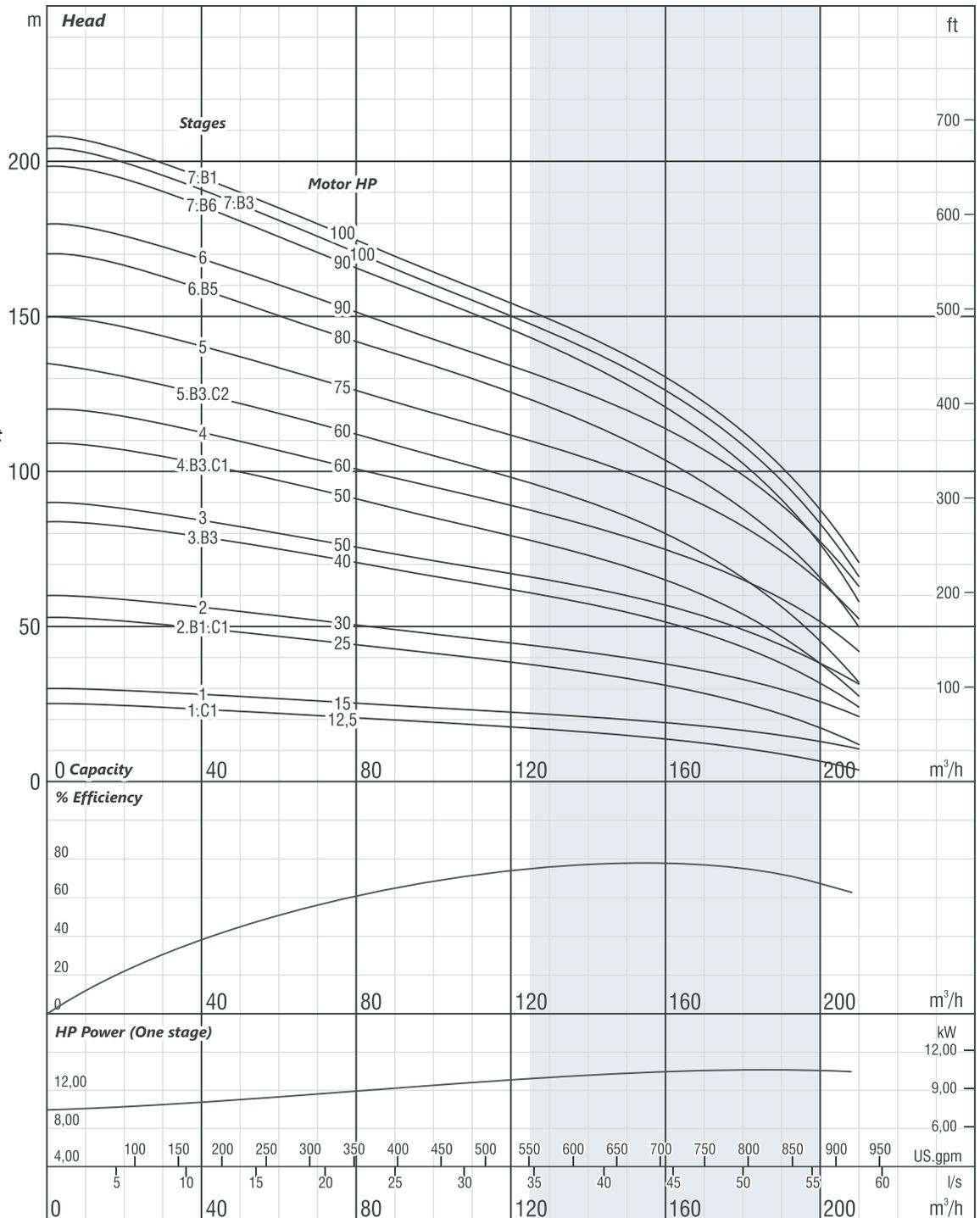
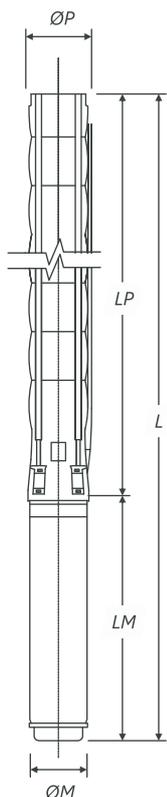
**Outlet connection diameter:**  
6" (inside threaded)

**Shaft diameter:**  
30,16 mm

**Degree of Protection**  
IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP08-150 (07 to 16 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	80	100	120	140	160	180	200
		kW	HP			0	22,2	27,8	33,3	38,9	44,4	50	55,6
WP08-150.139.07	7	81	110	162.7/159	Head (m)	210	177	261	156	145	132	114	145
WP08-150.145.08.B8	8	81	110	162.7/159		225	187	284	165	152	136	114	158
WP08-150.150.08.B4	8	81	110	162.7/159		232	195	308	171	159	143	122	172
WP08-150.160.08	8	92	125	184.8/179		240	202	332	178	166	151	130	185
WP08-150.170.09.B4	9	92	125	184.8/179		262	220	356	194	180	162	138	198
WP08-150.175.09.B2	9	100	135	200.8		266	223	166	197	183	166	142	92
WP08-150.178.09	9	110	150	218.5/216		270	227	176	200	187	170	146	86
WP08-150.198.10	10	110	150	218.5/216		300	252	183	223	207	188	163	96
WP08-150.215.11	11	129	175	248		330	277	190	245	228	207	179	105
WP08-150.238.12	12	147	200	282		360	303	206	267	249	226	195	109
WP08-150.258.13	13	147	200	282		390	328	210	290	270	245	212	114
WP08-150.277.14	14	166	225	322		420	353	213	312	290	264	228	119
WP08-150.297.15	15	185	250	359		450	378	237	334	311	283	244	132
WP08-150.317.16	16	185	250	359		480	403	379	356	332	302	260	211

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP08-150.139.07	7	81	110	3011/2930	1391/1310	1620	192/231	226	195/228	73	268/301
WP08-150.145.08.B8	8	81	110	3167/3086	1391/1310	1776	192/231	226	195/228	79	274/307
WP08-150.150.08.B4	8	81	110	3167/3086	1391/1310	1776	192/231	226	195/228	79	274/307
WP08-150.160.08	8	92	125	3247/3146	1471/1370	1776	192/231	226	210/256	79	289/335
WP08-150.170.09.B4	9	92	125	3403/3302	1471/1370	1932	192/231	226	210/256	86	296/342
WP08-150.175.09.B2	9	100	135	3468	1536	1932	192	226	225	86	311
WP08-150.178.09	9	110	150	3533/3362	1601/1430	1932	192/231	226	235/284	86	321/370
WP08-150.198.10	10	110	150	3688/3517	1601/1430	2087	192/231	226	235/284	92	327/376
WP08-150.215.11	11	129	175	3753	1510	2243	231	226	311	99	410
WP08-150.238.12	12	147	200	4009	1610	2399	231	226	338	105	443
WP08-150.258.13	13	147	200	4164	1610	2554	231	226	338	112	450
WP08-150.277.14	14	166	225	4450	1740	2710	231	226	370	118	488
WP08-150.297.15	15	185	250	4686	1820	2866	231	226	400	124	524
WP08-150.317.16	16	185	250	4842	1820	3022	231	226	400	131	531

# Stainless Steel Submersible Pumps

## WP08-150 (07 to 16 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	80	100	120	140	160	180	200
		kW	HP			0	22,2	27,8	33,3	38,9	44,4	50	55,6
WP08-150.139.07	7	81	110	162.7/159	Head (m)	210	177	261	156	145	132	114	145
WP08-150.145.08.B8	8	81	110	162.7/159		225	187	284	165	152	136	114	158
WP08-150.150.08.B4	8	81	110	162.7/159		232	195	308	171	159	143	122	172
WP08-150.160.08	8	92	125	184.8/179		240	202	332	178	166	151	130	185
WP08-150.170.09.B4	9	92	125	184.8/179		262	220	356	194	180	162	138	198
WP08-150.175.09.B2	9	100	135	200.8		266	223	166	197	183	166	142	92
WP08-150.178.09	9	110	150	218.5/216		270	227	176	200	187	170	146	86
WP08-150.198.10	10	110	150	218.5/216		300	252	183	223	207	188	163	96
WP08-150.215.11	11	129	175	248		330	277	190	245	228	207	179	105
WP08-150.238.12	12	147	200	282		360	303	206	267	249	226	195	109
WP08-150.258.13	13	147	200	282		390	328	210	290	270	245	212	114
WP08-150.277.14	14	166	225	322		420	353	213	312	290	264	228	119
WP08-150.297.15	15	185	250	359		450	378	237	334	311	283	244	132
WP08-150.317.16	16	185	250	359		480	403	379	356	332	302	260	211

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	Φ M	Φ P	Motor	Pump	Total
WP08-150.139.07	7	81	110	3011/2930	1391/1310	1620	192/231	226	195/228	73	268/301
WP08-150.145.08.B8	8	81	110	3167/3086	1391/1310	1776	192/231	226	195/228	79	274/307
WP08-150.150.08.B4	8	81	110	3167/3086	1391/1310	1776	192/231	226	195/228	79	274/307
WP08-150.160.08	8	92	125	3247/3146	1471/1370	1776	192/231	226	210/256	79	289/335
WP08-150.170.09.B4	9	92	125	3403/3302	1471/1370	1932	192/231	226	210/256	86	296/342
WP08-150.175.09.B2	9	100	135	3468	1536	1932	192	226	225	86	311
WP08-150.178.09	9	110	150	3533/3362	1601/1430	1932	192/231	226	235/284	86	321/370
WP08-150.198.10	10	110	150	3688/3517	1601/1430	2087	192/231	226	235/284	92	327/376
WP08-150.215.11	11	129	175	3753	1510	2243	231	226	311	99	410
WP08-150.238.12	12	147	200	4009	1610	2399	231	226	338	105	443
WP08-150.258.13	13	147	200	4164	1610	2554	231	226	338	112	450
WP08-150.277.14	14	166	225	4450	1740	2710	231	226	370	118	488
WP08-150.297.15	15	185	250	4686	1820	2866	231	226	400	124	524
WP08-150.317.16	16	185	250	4842	1820	3022	231	226	400	131	531

# Stainless Steel Submersible Pumps

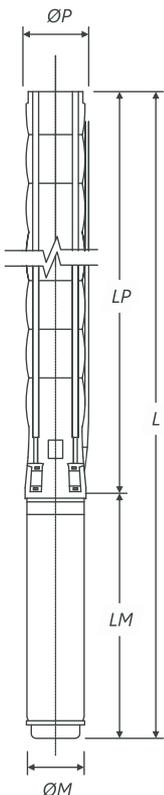
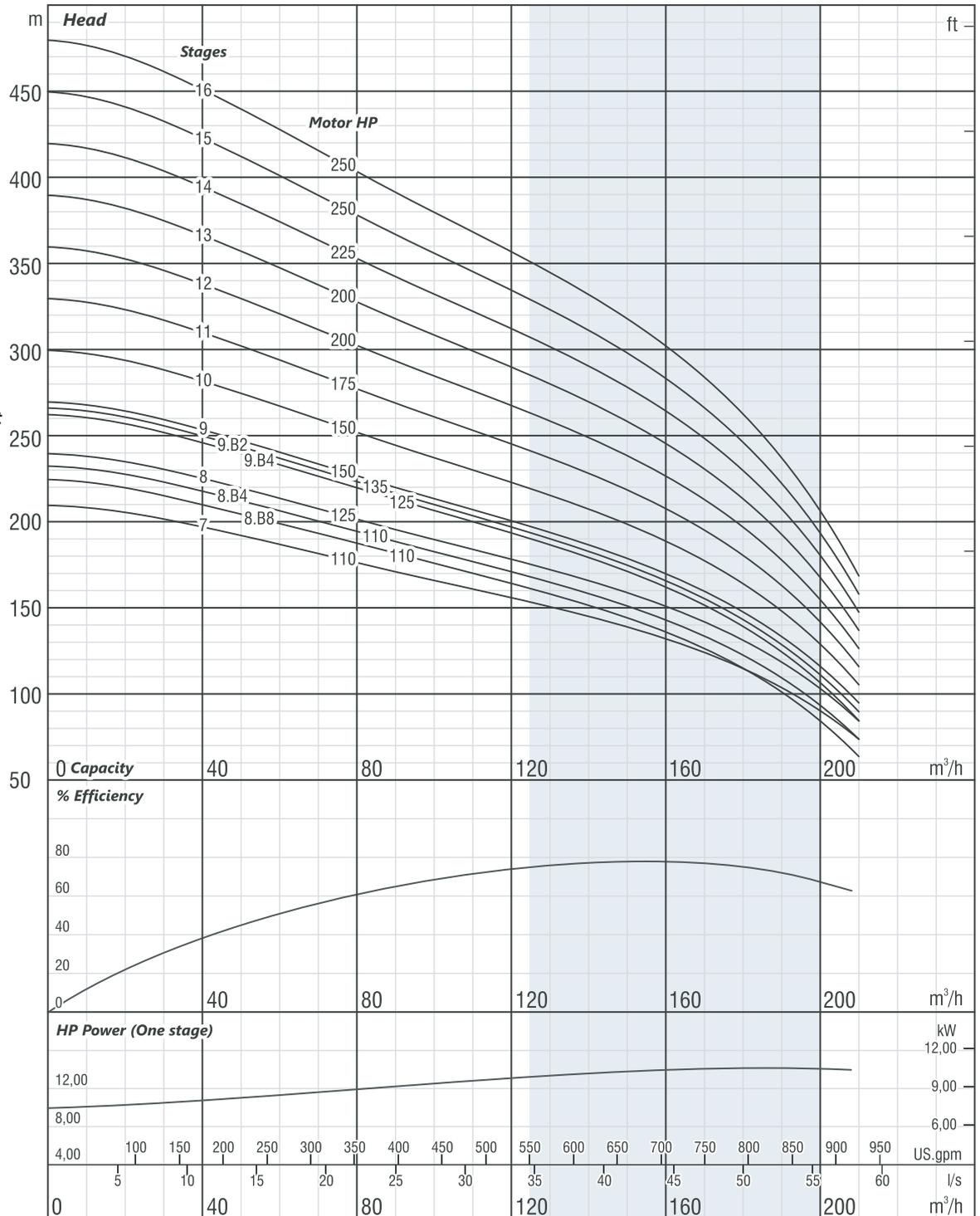
## WP08-150

(07 to 16 Stage)



### Performance Curves

- Number of vanes:**  
6 PCS
- Rotation:**  
CCW
- Revolution:**  
2900 rpm
- Outlet connection diameter:**  
6" (inside threaded)
- Shaft diameter:**  
30,16 mm
- Degree of Protection**  
IP-68
- Maximum sand content**  
100 gr/m<sup>3</sup>
- Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Stainless Steel Submersible Pumps

## WP10-210 (01 to 12 Stage)



### Performance Table

Pump Type	Stage	Motor		Current (A)	m³/h l/s	0	100	140	180	200	220	240	260	290
		kW	HP			0	27,8	38,9	50	55,6	61,1	66,7	72,2	80,6
WP10-210.22.01.B1	1	15	20	33.1	Head (m)	35	30	27	24	22	21	19	16	10
WP10-210.24.01	1	18,5	25	41.8		39	33	30	26	25	23	22	20	14
WP10-210.39.02.B1.C1	2	30	40	64.6/62.4/61.7		64	53	47	42	39	36	32	26	8
WP10-210.43.02.B2	2	30	40	64.6/62.4/61.7		70	59	53	47	44	41	38	33	20
WP10-210.50.02	2	37	50	79.7/74.3/74.3		77	66	60	53	50	47	44	39	29
WP10-210.61.03.B2.1.C1	3	45	60	0/90.3/90.4		102	86	77	68	63	59	53	44	19
WP10-210.70.03.B1	3	52	70	105.6/103.3		112	96	86	77	72	68	62	56	39
WP10-210.73.03	3	55	75	112.9/110.5		116	99	89	79	75	70	65	59	43
WP10-210.80.04.B3.C1	4	60	80	0/119.1		134	113	101	89	83	77	70	58	28
WP10-210.88.04.B3	4	67	90	0/134.6		144	122	110	97	91	85	78	69	44
WP10-210.98.04	4	75	100	150.7/0		156	134	121	107	101	95	88	80	58
WP10-210.107.05.B5	5	81	110	162.7/159		176	149	133	118	111	103	94	82	49
WP10-210.121.05	5	92	125	184.8/179	193	165	149	132	125	117	109	98	72	
WP10-210.132.06.B5	6	100	135	200.8	214	182	163	144	136	127	116	102	64	
WP10-210.146.06	6	110	150	218.5/216	232	198	179	159	150	141	131	118	86	
WP10-210.153.07.B6	7	110	150	218.5/216	249	211	189	168	158	147	135	118	74	
WP10-210.170.07	7	129	175	248	270	231	208	185	175	164	153	138	101	
WP10-210.180.08.B5	8	129	175	248	291	248	222	197	185	174	160	141	93	
WP10-210.194.08	8	150	200	282	309	264	238	212	200	188	174	157	115	
WP10-210.210.09.B5	9	150	200	282	330	281	252	224	210	197	182	161	107	
WP10-210.218.09	9	166	225	322	347	297	268	238	225	211	196	177	130	
WP10-210.230.10.B4	10	166	225	322	372	317	285	253	238	223	206	184	126	
WP10-210.243.10	10	185	250	359	386	330	298	265	250	235	218	197	144	
WP10-210.255.11.B4	11	185	250	359	411	350	315	280	263	247	228	203	140	
WP10-210.267.11	11	220	300	427	425	363	327	291	275	258	240	216	158	
WPU10-210.291.12	12	220	300	427	463	396	357	318	300	282	262	236	173	

### Dimensions and Weight Table

Pump Type	Stage	Motor		Dimensions (mm)					Weight (kg)		
		kW	HP	L	LM	LP	ΦM	ΦP	Motor	Pump	Total
WP10-210.22.01.B1	1	15	20	1705	911	794	142	247	65	44	109
WP10-210.24.01	1	18,5	25	1767	973	794	142	247	72	44	116
WP10-210.39.02.B1.C1	2	30	40	2187/1910/1966	1217/940/996	970	142/172/192	247	98/91/120	55	153/146/175
WP10-210.43.02.B2	2	30	40	2187/1910/1966	1217/940/996	970	142/172/192	247	98/91/120	55	153/146/175
WP10-210.50.02	2	37	50	2217/1950/2026	1247/980/1056	970	142/172/192	247	103/103/129	55	158/158/184
WP10-210.61.03.B2.1.C1	3	45	60	2494/2207/2263	1347/1060/1116	1147	142/172/192	247	110/113/138	66	176/179/204
WP10-210.70.03.B1	3	52	70	2286/2348	1139/1201	1147	172/192	247	127/152	66	193/218
WP10-210.73.03	3	55	75	2365/2433	1218/1286	1147	172/192	247	138/170	66	204/236
WP10-210.80.04.B3.C1	4	60	80	2573/2609	1250/1286	1323	172/192	247	149/170	76	225/246
WP10-210.88.04.B3	4	67	90	2605/2664	1282/1341	1323	172/192	247	160/185	76	236/261
WP10-210.98.04	4	75	100	2689/2573	1366/1250	1323	192/231	247	186/200	76	262/276
WP10-210.107.05.B5	5	81	110	2890/2809	1391/1310	1499	192/231	247	195/228	87	282/315
WP10-210.121.05	5	92	125	2970/2869	1471/1370	1499	192/231	247	210/256	87	297/343
WP10-210.132.06.B5	6	100	135	3211	1536	1675	192	247	225	98	323
WP10-210.146.06	6	110	150	3276/3105	1601/1430	1675	192/231	247	235/284	98	333/382
WP10-210.153.07.B6	7	110	150	3452/3281	1601/1430	1851	192/231	247	235/284	109	344/393
WP10-210.170.07	7	129	175	3361	1510	1851	231	247	311	109	420
WP10-210.180.08.B5	8	129	175	3538	1510	2028	231	247	311	119	430
WP10-210.194.08	8	150	200	3638	1610	2028	231	247	338	119	457
WP10-210.210.09.B5	9	150	200	3814	1610	2204	231	247	338	130	468
WP10-210.218.09	9	166	225	3944	1740	2204	231	247	370	130	500
WP10-210.230.10.B4	10	166	225	4120	1740	2380	231	247	370	141	511
WP10-210.243.10	10	185	250	4200	1820	2380	231	247	400	141	541
WP10-210.255.11.B4	11	185	250	4376	1820	2556	231	247	400	152	552
WP10-210.267.11	11	220	300	4376	1820	2556	231	247	405	152	557
WPU10-210.291.12	12	220	300	4552	1820	2732	231	247	405	162	567

# Stainless Steel Submersible Pumps

## WP10-210

(01 to 12 Stage)



### Performance Curves

**Number of vanes:**  
6 PCS

**Rotation:**  
CCW

**Revolution:**  
2900 rpm

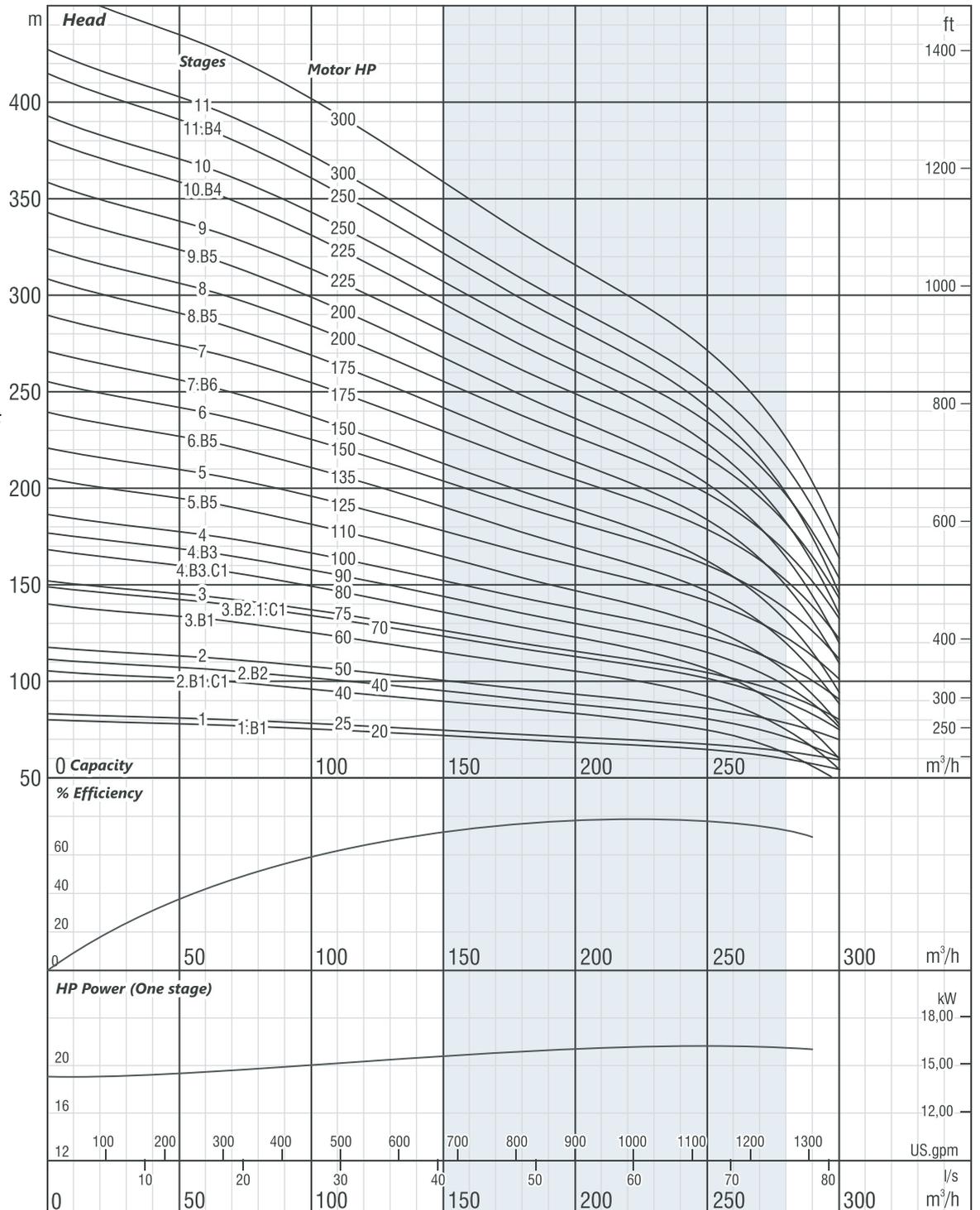
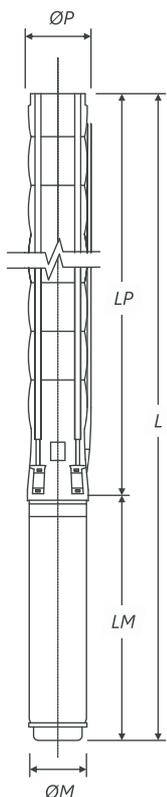
**Outlet connection diameter:**  
6" (inside threaded)

**Shaft diameter:**  
42,86 mm

**Degree of Protection**  
IP-68

**Maximum sand content**  
100 gr/m<sup>3</sup>

**Minimum Iron content**  
2mg/liter



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# Head Losses in Ordinary Water Pipes

Upper figures indicate the velocity of water in m/sec.  
Lower figures indicate head in metres per 100 metres of straight pipes

Quantity of Water			Head Losses In Ordinary Water Pipes														
m <sup>3</sup> /h	Litres/min.	Litres/sec.	Nominal Pipe Diameter in Inches and Internal Diameter in (mm)														
			1/2"	3/4"	1	1 1/4"	1 1/2	2"	2 1/2"	3"	3 1/2"	4"	5"	6"			
0.6	10	0.16	0.855 9.910	0.470 2.407	0.292 0.784												
0.9	15	0.25	1.282 20.11	0.705 4.862	0.438 1.570	0.249 0.416											
1.2	20	0.33	1.710 33.53	0.940 8.035	0.584 2.588	0.331 0.677	0.249 0.346										
1.5	25	0.42	2.138 49.93	1.174 11.91	0.730 3.834	0.415 1.004	0.312 0.510										
1.8	30	0.50	2.565 69.34	1.409 16.50	0.876 5.277	0.498 1.379	0.374 0.700	0.231 0.223									
2.1	35	0.58	2.993 91.54	1.644 21.75	1.022 6.949	0.581 1.811	0.436 0.914	0.269 0.291									
2.4	40	0.67		1.879 27.66	1.168 8.820	0.664 2.290	0.499 1.160	0.308 0.368									
3.0	50	0.83		2.349 41.40	1.460 13.14	0.830 3.403	0.623 1.719	0.385 0.544	0.229 0.159								
3.6	60	1.00		2.819 57.74	1.751 18.28	0.996 4.718	0.748 2.375	0.462 0.751	0.275 0.218								
4.2	70	1.12		3.288 76.49	2.043 24.18	1.162 6.231	0.873 3.132	0.539 0.988	0.321 0.287	0.231 0.131							
4.8	80	1.33			2.335 30.87	1.328 7.940	0.997 3.988	0.616 1.254	0.367 0.363	0.263 6.164							
5.4	90	1.50			2.627 38.30	1.494 9.828	1.122 4.927	0.693 1.551	0.413 0.449	0.269 0.203							
6.0	100	1.67			2.919 46.49	1.660 11.90	1.247 5.972	0.770 1.875	0.459 0.542	0.329 0.244	0.248 0.124						
7.5	125	2.08			3.649 70.41	2.075 17.93	1.558 8.967	0.962 2.802	0.574 0.809	0.412 0.365	0.310 0.185	0.241 0.101					
9.0	150	2.50				2.490 25.11	1.870 12.53	1.154 3.903	0.668 1.124	0.494 0.506	0.372 0.256	0.289 0.140					
10.5	175	2.92				2.904 33.32	2.182 16.66	1.347 5.179	0.803 1.488	0.576 0.670	0.434 0.338	0.337 0.184					
12	200	3.33				3.319 42.75	2.493 21.36	1.539 6.624	0.918 1.901	0.659 0.855	0.496 0.431	0.385 0.234	0.251 0.084				
15	250	4.17				4.149 64.86	3.117 32.32	1.924 10.03	1.147 2.860	0.823 1.282	0.620 0.646	0.481 0.350	0.314 0.126				
18	300	5.00					3.740 45.52	2.309 14.04	1.377 4.009	0.988 1.792	0.744 0.903	0.577 0.488	0.377 0.175	0.263 0.074			
24	400	6.67					4.987 78.17	3.078 24.04	1.836 6.828	1.317 3.053	0.992 1.530	0.770 0.829	0.502 0.294	0.351 0.124			
30	500	8.33						3.848 36.71	2.295 10.40	1.647 4.622	1.240 2.315	0.962 1.254	0.628 0.445	0.439 0.187			
36	600	10.0						46.18 51.84	2.753 14.62	1.976 6.505	1.488 3.261	1.155 1.757	0.753 0.623	0.526 0.260			
42	700	11.7							3.212 19.52	2.306 8.693	1.736 4.356	1.347 2.345	0.879 0.831	0.614 0.347			
48	800	13.3							3.671 25.20	2.635 11.18	1.984 5.582	1.540 3.009	1.005 1.066	0.702 0.445			
54	900	15.0							4.130 31.51	2.964 13.97	2.232 6.983	1.732 3.762	1.130 1.328	0.790 0.555			
60	1000	16.7							4.589 38.43	3.294 17.06	2.480 8.521	1.925 4.595	1.256 1.616	0.877 0.674			
75	1250	20.8								4.117 26.10	3.100 13.00	2.406 7.010	1.570 2.458	1.097 1.027			
90	1500	25.0								4.941 36.97	3.720 18.42	2.887 9.892	1.883 3.458	1.316 1.444			
105	1750	29.2									4.340 24.76	3.368 13.30	1.883 3.468	1.535 1.934			
120	2000	33.3									4.960 31.94	3.850 17.16	2.197 4.665	1.754 2.496			
150	2500	41.7										4.812 26.26	2.511 5.995	2.193 3.807			
180	3000	50.0											3.139 9.216	2.632 5.417			
240	4000	66.7											3.767 13.05	3.509 8.926			
300	5000	83.3											5.523 22.72	4.386 14.42			
90°C bends slide valves			1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.7	2.5			
T-pieces, non-return valves			4.0	4.0	4.0	5.0	5.0	5.0	6.0	6.0	6.0	6.0	7.0	9.0			

The table is calculated in accordance with H. Lang's new formula  $a = 0.02$  and for a water temperature of 10°C

The head loss in bends, slide valves, T-Pieces and non-return valves is equivalent to the metres of straight of straight pipes stated in the last two lines of the table. To find the head loss in foot valves multiply the loss in T-pieces by two.



Water Lubricated  
Submersible Motors, 50 Hz



**PUMP IT**

**UP**



Technical Data

## Rewindable Water Lubricated Motors

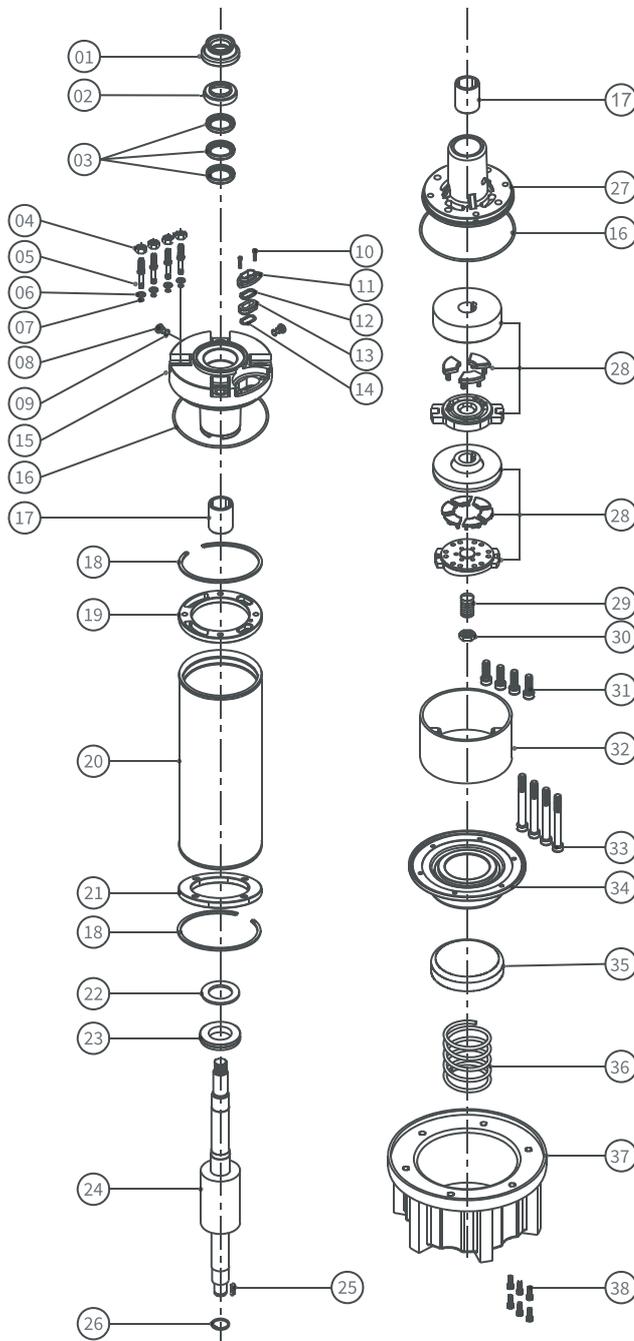
### Specifications

- KKB Water Lubricated Motors are rewindable.
- High efficiency provides operation cost savings
- Coupling dimensions as per NEMA standard.
- Winding wire: PE2/PA
- Degree of protection: IP68.
- Max water temperature: 30 °C.
- Start per hr: 30time (Max).
- Allowable voltage variation +6% -10%.
- Motor shaft of Stainless Steel.
- Stator shell of Stainless Steel.
- Max depth immersion: 350M.
- Mounting: vertical / horizontal.
- Upper / Lower bracket in Cast Iron with Epoxy / Stainless Steel
- Single Phase Motors are Capacitor start and run.
- Motor Cable length: 3 Meter (3 Core / 4 core ). or available on request.
- Coolant: Clear Water.
- Water coolant system
- CW & CCW direction of rotation
- Stator shell of Stainless Steel.
- Availability to be operated by Soft-Starter

### Version

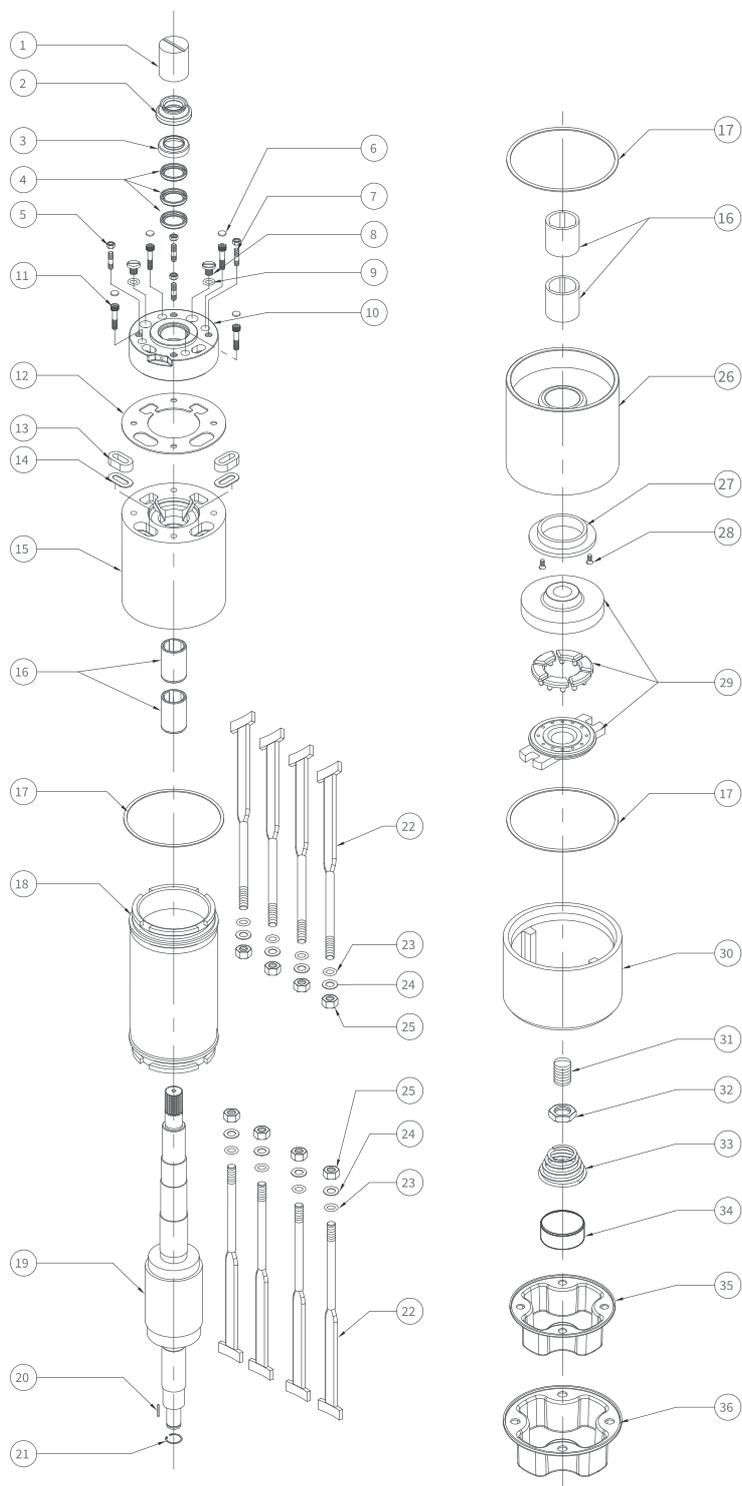
- Three Phase : 2.20kw to 100kw/380-415/50Hz
- Motors with other voltage ratings are available on the specific demand.

## CI Motor base exploded view



No.	Part's Name
1	Sand Guard
2	Upper Cap
3	Oil Seal
4	Nut
5	Stud
6	Stud Washer
7	Stud 'O' Ring
8	Drain Plug
9	Drain Plug 'O' Ring
10	Allen Bolt
11	Cable Protector Cap
12	Plastic Grommet Washer
13	Rubber Grommet
14	S.S. Grommet Washer
15	Upper Housing
16	'O' Ring (Upper & Lower)
17	Bearing Bush
18	Cir Clip
19	Upper Flange
20	Stator Body
21	Lower Flange
22	Teflon Washer
23	Thrust Ring
24	Rotor Shah
25	Rotor Key
26	Cir Clip Bearing Side
27	Lower Housing
28	Thrust Bearing Set (Up To 10.0 H.P) Thrust Bearing Set (Above 10.0 H.P)
29	Rocker
30	Rocker Lock Nut
31	Allen Bolt Lower Side
32	Lower Part-2
33	Allen Bolt Lower Part-2 Side
34	Pressure Cup
35	Spring Jacket
36	Spring
37	Motor Base C.I
38	Allen Bolt Motor Base Side

## Re-windable Motor exploded view



NO.	PARTS NAME
1.	ROTOR CAP
2.	SAND GUARD
3.	UPPER CAP
4.	OIL SEAL
5.	HEX. NUT (UPPER SIDE)
6.	ALLEN BOLT CAP
7.	STUD (UPPER SIDE)
8.	DRAIN PLUG
9.	DRAIN PLUG 'O' RING
10.	ADAPTOR
11.	ALLEN BOLT
12.	PAPER GASKET
13.	CABLE GROMMET
14.	CABLE GROMMET WASHER
15.	UPPER HOUSING
16.	BEARING BUSH
17.	PAPER GASKET
18.	STATOR BODY
19.	ROTOR
20.	ROTOR KEY
21.	CIRCLIP
22.	T-BOLT
23.	T-BOLT 'O' RING
24.	WASHER
25.	HEX NUT
26.	LOWER HOUSING
27.	C.T BEARING
28.	TRUST BEARING SAT (UP TO 10.0 Hp) TRUST BEARING SAT (ABOVE 10.0 Hp)
S <sub>2</sub> C <sup>EW</sup>	THRUST BEARING SET
30.	LOWER PART-2
31.	ROCKER
32.	ROCKER LOCK NUT
33.	SPRING
34.	SPRING JACKET
35.	PRESSURE CUP
36.	MOTOR BASE

# Submersible Motors

## WM6-0400

6" Motors



### Performance Table

Code	P <sub>N</sub>		Axial Load kN	Voltage V	n <sub>N</sub> rpm	I <sub>N</sub> A	p <sub>0</sub> No load power A	Efficiency (% load)					Cos φ (% load)					STARTING				
	HP	kW						Efficiency (% load)					Cos φ (% load)					D.O.L.		Wye-Delta		
								25	50	75	100	125	0	25	50	75	100	125	A	Nm	A	Nm
WM06-0400.004.2	5,5	4	20	380	2770	10,2	0,8	49	67	71	71	71	20	45	63	71	84	87	51		17	
				400	2785	9,8	0,8	50	68	72	72	72	16	41	59	67	82	85	48	25	16	8
				415	2795	9,5	0,8	50	68	72	72	72	14,5	39,5	57,5	66	81	84	47		16	
WM06-0400.006.2	7,5	5,5	20	380	2780	13,3	1,0	57	70	73	75	73	20	45	63	71	84	87	66		22	
				400	2795	12,8	1,0	58	71	74	76	74	16	41	59	67	82	85	62	33	21	11
				415	2805	12,3	1,0	59	72	75	77	75	14,5	39,5	57,5	66	81	84	60		20	
WM06-0400.008.2	10	7,5	20	380	2790	17,2	1,0	62	77	79	79	78	18	45	63	71	84	86	89		30	
				400	2805	16,5	1,0	64	79	80	80	79	14	41	59	67	82	84	85	45	28	15
				415	2815	16,1	1,0	64	79	80	80	79	12	39,5	57,5	66	81	83	82		27	
WM06-0400.010.2	12,5	9,3	20	380	2850	20,8	1,0	65	80	81	81	78	15	42	63	71	84	87	112		37	
				400	2855	20,2	1,0	65	80	81	81	78	11	38	59	67	82	85	106	70	36	23
				415	2865	19,5	1,0	66	81	82	82	79	9	36,5	57,5	66	81	84	103		34	
WM06-0400.011.2	15	11	20	380	2810	23,7	1,2	67	81	82	82	80	13	42	67	75	86	89	141		47	
				400	2825	22,8	1,2	68	82	83	83	81	9	38	63	71	84	87	134	89	45	30
				415	2835	22,2	1,2	68	82	83	83	81	7	36	61	69	83	86	129		43	
WM06-0400.013.2	17,5	13	20	380	2820	28,7	1,4	67	80	81	81	82	13	44	65	73	85	83	174		58	
				400	2835	27,6	1,4	68	81	82	82	83	9	40	61	69	83	81	165	109	55	36
				415	2845	26,6	1,4	69	82	83	83	84	7	38	59	67	82	80	159		53	
WM06-0400.015.2	20	15	20	380	2850	33,1	1,5	64	80	81	81	79	14	45	65	73	85	87	196		64	
				400	2855	32,2	1,5	64	80	81	81	79	10	41	61	69	83	85	186	126	60	42
				415	2865	31,0	1,5	65	81	82	82	80	8	39	59	67	82	84	180		58	
WM06-0400.019.2	25	18,5	20	380	2850	41,8	2,0	64	80	81	81	80	15	45	61	69	83	85	247		82	
				400	2865	40,2	2,0	65	81	82	82	81	11,5	41,5	57,5	66	81	83	235	158	78	52
				415	2875	38,8	2,0	66	82	83	83	82	10,5	40,5	56,5	65	80	82	226		75	
WM06-0400.022.2	30	22	20	380	2860	48,5	2,0	70	81	82	82	80	12	44	63	71	84	86	294		98	
				400	2875	46,7	2,0	71	82	83	83	81	8	40	59	67	82	84	279	188	93	63
				415	2885	45,0	2,0	72	83	84	84	82	6,5	38,5	57,5	66	81	83	269		90	
WM06-0400.027.2	35	26,5	26,5	380	2870	56,4	2,0	68	83	84	84	81	11	43	65	73	85	88	348		116	
				400	2885	54,9	2,0	68	83	84	84	81	7	39	61	69	83	86	331	210	110	70
				415	2895	52,9	2,0	69	84	85	85	82	5	37	59	67	82	85	319		106	
WM06-0400.030.2	40	30	26,5	380	2880	64,6	2,0	69	82	83	83	80	10	46	65	73	85	88	394		131	
				400	2895	62,1	2,0	70	83	84	84	81	8	42	61	69	83	86	374	250	125	83
				415	2905	59,9	2,0	71	84	85	85	82	6	40	59	67	82	85	361		120	
WM06-0400.037.2	50	37	26,5	380	2890	79,7	2,5	70	80	81	83	80	14	50	65	73	85	88	470		157	
				400	2905	76,7	2,5	71	81	82	84	81	10	46	61	69	83	86	447	310	149	103
				415	2915	74,7	2,5	73	83	84	84	81	8	44	59	67	82	85	430		144	

# Submersible Motors

## WM7-0400

7" Motors



### Performance Table

Code	P <sub>N</sub>		Axial Load kN	Voltage V	n <sub>N</sub> rpm	I <sub>N</sub> A	p <sub>0</sub> No load power A	Efficiency (% load)					Cos φ (% load)					STARTING				
	HP	kW						Efficiency (% load)					Cos φ (% load)					D.O.L.		Wye-Delta		
								25	50	75	100	125	0	25	50	75	100	125	A	Nm	A	Nm
WM07-0400.22/2	30	22	45	380	2880	46,3	2,0	76	83	84	84	82	13	45	76	82	86	88	302		99	
				400	2900	44,5	2,0	75	82	84	85	83	12	44	75	81	85	87	287	189	94	63
				415	2910	43,4	2,0	74	81	84	85	83	7	39	70	77	83	85	277		91	
WM07-0400.30/2	35	26,5	45	380	2880	55,1	2,0	75	84	85	85	83	12	44	76	82	86	88	349		118	
				400	2900	52,9	2,0	74	83	85	85	83	11	43	75	81	85	87	332	209	112	72
				415	2910	51,6	2,0	73	82	85	86	84	6	38	70	77	83	85	320		108	
WM07-0400.30/2	40	30	45	380	2880	62,4	2,0	75	85	86	85	83	11	45	66	82	86	88	395		132	
				400	2900	59,2	2,0	74	84	86	86	84	20	54	75	81	85	87	375	251	125	84
				415	2910	57,8	2,0	73	83	86	87	85	15	49	70	77	83	85	362		121	
WM07-0400.37/2	50	37	45	380	2880	74,3	2,5	76	85	86	86	84	17	53	78	85	88	89	451		141	
				400	2900	72,2	2,5	75	84	86	86	84	14	50	75	82	86	87	429	266	134	82
				415	2910	70,4	2,5	74	83	86	87	85	10	46	71	80	84	85	413		129	
WM07-0400.45/2	60	45	45	380	2870	90,3	2,6	77	85	86	86	84	17	54	76	84	88	89	521		166	
				400	2890	87,8	2,6	76	84	86	86	84	16	53	75	83	86	87	495	295	158	102
				415	2900	85,7	2,6	75	83	86	87	85	15	52	74	80	84	85	477		152	
WM07-0400.52/2	70	52	45	380	2860	105,6	3,1	75	85	86	86	85	18	56	78	83	87	88	555		188	
				400	2880	102,7	3,1	75	85	86	86	85	16	54	76	82	85	86	527	332	179	112
				415	2890	100,2	3,1	74	84	86	87	86	13	51	73	79	83	84	508		172	
WM07-0400.55/2	75	55	45	380	2900	112,9	3,1	74	85	85	84	82	18	54	76	84	88	89	555		188	
				400	2905	109,8	3,1	73	84	85	84	82	17	53	75	83	86	87	527	332	179	112
				415	2910	107,1	3,1	72	83	85	85	83	16	52	74	80	84	85	508		172	

# Submersible Motors

## WM8-0400

8" Motors



### Performance Table

Code	P <sub>N</sub>		Axial Load kN	Voltage V	n <sub>N</sub> rpm	I <sub>N</sub> A	p <sub>0</sub> No load power A	Efficiency (% load)					Cos Φ (% load)					STARTING				
	HP	kW																D.O.L.		Wye-Delta		
								25	50	75	100	125	0	25	50	75	100	125	A	Nm	A	Nm
WM8-0400.30/2	40	30	45	380	2850	61,7	2,5	69	82	83	83	81	18	59	75	80	89	89	324		109	
				400	2865	59,3	2,5	70	83	84	84	82	12	53	69	76	87	87	308	203	104	68
				415	2875	57,8	2,5	70	83	84	84	82	11	52	67	75	86	86	297		100	
WM8-0400.37/2	50	37	45	380	2860	74,3	2,5	73	84	85	85	83	19	55	75	80	89	91	423		142	
				400	2875	71,4	2,5	74	85	86	86	84	13	49	69	76	87	89	402	239	135	80
				415	2885	69,6	2,5	74	85	86	86	84	12	48	67	75	86	88	387		130	
WM8-0400.45/2	60	45	45	380	2860	90,4	2,6	74	84	85	85	84	18	55	75	80	89	90	496		164	
				400	2875	86,8	2,6	75	85	86	86	85	12	49	69	76	87	88	471	288	156	94
				415	2885	84,6	2,6	75	85	86	86	85	11	48	67	75	86	87	454		150	
WM8-0400.52/2	70	52	45	380	2850	103,3	3,0	72	84	85	85	84	20	57	77	83	90	91	565		189	
				400	2865	99,2	3,0	73	85	86	86	85	15	52	72	78	88	89	537	335	180	113
				415	2875	96,7	3,0	73	85	86	86	85	12	49	69	76	87	88	517		173	
WM8-0400.55/2	75	55	45	380	2850	110,5	3,1	71	83	84	84	82	20	53	77	83	90	91	565		189	
				400	2865	107,4	3,1	71	83	84	84	82	15	47	72	78	88	89	537	335	180	113
				415	2875	103,5	3,1	72	84	85	85	83	12	44	69	76	87	88	517		173	
WM8-0400.60/2	80	60	45	380	2850	119,1	4,0	73	85	86	86	83	19	53	75	80	89	90	672		224	
				400	2865	115,7	4,0	73	85	86	86	83	13	47	69	76	87	88	638	380	213	126
				415	2875	112,9	4,0	73	85	86	86	83	12	46	67	75	86	87	615		205	
WM8-0400.67/2	90	67	45	380	2850	134,6	5,0	75	84	85	85	83	19	53	75	80	89	91	813		271	
				400	2865	129,3	5,0	76	85	86	86	84	13	47	69	76	87	89	772	443	258	147
				415	2875	126,0	5,0	76	85	86	86	84	12	46	67	75	86	88	745		248	
WM8-0400.75/2	100	75	45	380	2850	150,7	7,5	69	83	84	84	81	16	51	77	83	90	91	920		306	
				400	2865	144,7	7,5	70	84	85	85	82	11	46	72	78	88	89	874	512	291	170
				415	2875	141,1	7,5	70	84	85	85	82	8	43	69	76	87	88	842		280	
WM8-0400.81/2	110	81	55	380	2855	162,7	7,5	70	84	85	85	82	18	48	75	80	89	90	1014		337	
				400	2860	156,3	7,5	71	85	86	86	83	12	42	69	76	87	88	963	564	320	189
				415	2865	152,4	7,5	71	85	86	86	83	11	41	67	75	86	87	929		309	
WM8-0400.92/2	95	92	55	380	2820	184,8	7,6	76	84	85	85	83	16	52	75	80	89	90	1142		381	
				400	2835	177,5	7,6	77	85	86	86	84	10	46	69	76	87	88	1085	600	362	200
				415	2850	173,1	7,6	77	85	86	86	84	9	45	67	75	86	87	1046		349	

# Submersible Motors

## WM10-0400

10" Motors



### Performance Table

Code	P <sub>N</sub>		Axial Load kN	Voltage V	n <sub>N</sub> rpm	I <sub>N</sub> A	p <sub>0</sub> No load power A	Efficiency (% load)					CosΦ (% load)					STARTING				
	HP	kW						Efficiency (% load)					CosΦ (% load)					D.O.L.		Wye-Delta		
								25	50	75	100	125	0	25	50	75	100	125	A	Nm	A	Nm
WM10-0400.81/2	110	81	75	380	2880	159	5,0	71	84	85	85	83	11	61	79	84	91	92	1001		332	
				400	2895	153	5,0	72	85	86	86	84	7	57	75	80	89	90	951	560	315	185
				415	2905	147	5,0	73	86	87	87	85	4	54	72	78	88	89	917		304	
WM10-0400.92/2	125	92	75	380	2890	179	5,0	76	85	86	86	84	15	61	79	84	91	92	1060		353	
				400	2905	174	5,0	76	85	86	86	84	11	57	75	80	89	90	1007	660	335	220
				415	2915	169	5,0	76	85	86	86	84	8	54	72	78	88	89	971		323	
WM10-0400.110/2	150	110	75	380	2890	216	5,0	79	85	86	86	84	14	60	77	83	90	90	1284		428	
				400	2905	210	5,0	76	85	86	86	84	9	55	72	78	88	88	1220	725	407	241
				415	2915	205	5,0	76	85	86	86	84	6	52	69	76	87	87	1176		392	
WM10-0400.129/2	175	129	75	380	2910	248	8,0	75	86	87	87	84	11	55	79	84	91	92	1630		543	
				400	2925	238	8,0	76	87	88	88	85	7	51	75	80	89	90	1549	907	516	302
				415	2935	232	8,0	76	87	88	88	85	4	48	72	78	88	89	1493		497	
WM10-0400.147/2	200	147	75	380	2900	282	8,0	75	86	87	87	84	12	65	79	84	91	92	1886		627	
				400	2915	274	8,0	75	86	87	87	84	10	61	75	80	89	90	1792	1126	596	377
				415	2925	264	8,0	76	87	88	88	85	8	58	72	78	88	89	1727		574	
WM10-0400.166/2	225	166	75	380	2890	322	9,0	76	85	86	86	84	11	55	79	84	91	92	2105		702	
				400	2905	309	9,0	77	86	87	87	85	9	51	75	80	89	90	2000	1248	667	416
				415	2915	302	9,0	77	86	87	87	85	6	48	72	78	88	89	1928		643	
WM10-0400.185/2	250	185	75	380	2895	359	9,0	75	85	86	86	84	10	57	79	84	91	92	2194		731	
				400	2905	349	9,0	75	85	86	86	84	8	53	75	80	89	90	2084	1403	695	467
				415	2915	336	9,0	76	86	87	87	85	6	50	72	78	88	89	2009		669	

# Cable Size

<b>VFD, Star - Delta Operation Max. CABLE LENGTH (m)</b>											
Motor Rating (HP)	CABLE SIZE (mm <sup>2</sup> )										
	3x1.5	3x2.5	3x4	3x6	3x10	3x16	3x25	3x35	3x50	3x70	3x95
5.5	97	161	258	388	646	1033	1615	2261	3230	4521	6139
7.5	72	121	193	290	483	773	1207	1690	2415	3381	4588
10	57	96	153	230	383	613	958	1342	1916	2683	3641
12.5	47	78	125	188	313	501	783	1096	1565	2191	2974
15	41	68	109	163	271	434	678	949	1356	1899	2577
17.5	34	57	92	138	230	367	574	803	1148	1607	2181
20	29	49	79	118	196	314	491	688	982	1375	1867
25		40	64	96	159	255	398	558	797	1115	1514
30			54	81	136	217	339	475	678	949	1288
35			46	68	114	182	285	399	570	798	1083
40				60	101	161	252	352	503	705	956
50					84	134	209	293	418	585	794
60					69	110	172	241	344	481	653
70					59	95	149	208	297	416	565
75						90	141	197	281	394	534
80						82	129	180	258	361	490
90						74	115	162	231	323	439
100							103	144	206	289	392
110							95	134	191	267	363
125								118	168	235	319
150								101	144	201	273
175									123	172	233
200										152	207
210										152	196

<b>D.O.L. MAX. CABLE LENGTH (m)</b>											
Motor Rating (HP)	CABLE SIZE (mm <sup>2</sup> )										
	3x1.5	3x2.5	3x4	3x6	3x10	3x16	3x25	3x35	3x50	3x70	3x95
5.5	65	108	172	258	431	689	1077	1507	2153	3014	4091
7.5	48	80	129	193	322	515	805	1127	1610	2254	3059
10	38	64	102	153	256	409	639	894	1278	1789	2428
12.5		52	83	125	209	334	522	730	1043	1461	1982
15		45	72	109	181	289	452	633	904	1266	1718
17.5			61	92	153	245	383	536	765	1071	1454
20			52	79	131	210	327	458	655	917	1244
25					106	170	266	372	531	744	1009
30					90	145	226	316	452	633	859
35					76	122	190	266	380	532	722
40					67	107	168	235	336	470	638
50						89	139	195	279	390	529
60							115	160	229	321	435
70								139	198	278	377
75								131	187	262	356
80								120	172	241	326
90									154	215	292
100									137	192	261
110									127	178	242
125										157	213
150											182
175											155
200											
210											







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# KKB<sup>®</sup>

PUMPENTECHNIK



Stainless Steel  
Submersible Pumps, 50 Hz

Cover Front

**KKB<sup>®</sup>**  
PUMPENTECHNIK



## Technical-Support

- In-house pump test field
  - Flow rates from 1 up to 1.200 m<sup>3</sup>/h
  - Operating pressures up to 100bar
  - Motor powers up to 300 kW
  - Operating voltages up to 1.000V
- Documentation according to DIN EN ISO 9906

