



Submersible

Pumps • Motors

50Hz **10''**
Submersible Pump

Pumping Solution

Stainless steel submersible bore well pumps

Construction

- Submersible motor & pumps for deep wells of 10'' (DN 250 mm).
- Sized for connection to the motor according to NEMA standards up to 8'' motor joining.
- Delivery casing with built-in non-return valve.
- All standard pumps are completely manufactured out of stainless steel AISI 304 sheet metal.
- Impellers:*
 - Mixed flow impellers**
W125, W160, W215
- Connection: Screwed pipe connection with BSP thread as standard.

Applications

- Water supply
- Irrigation
- Civil
- Industrial
- Fire fighting

Performance range

- Flow range: Max. 280 m³/h
- Head range: Max. 505 metres

Operating conditions

- Liquid temperature: 0°C to +45°C
- Max. sand content into the water: 50 g/m³
- Max. starts per hour: 20 at regular intervals
- Direction of rotation: Clockwise as seen from the pump coupling side

Special construction on request

- Also available in stainless steel AISI 316 material.
- Also available with NPT thread pipe connection.

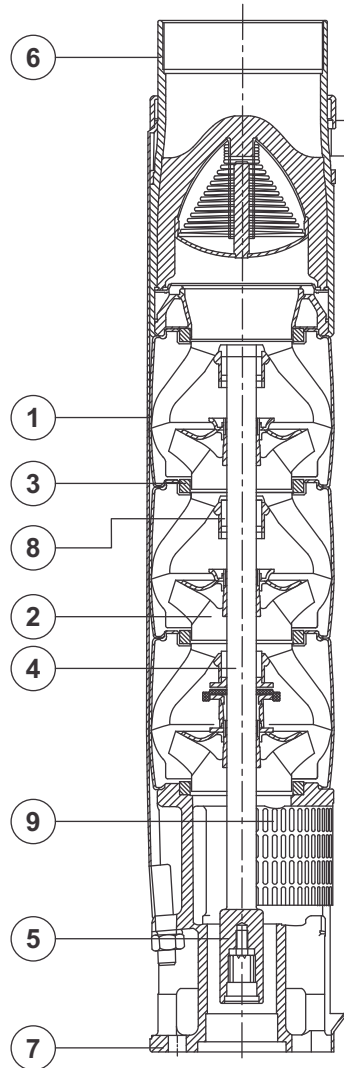


Construction

Stainless steel submersible bore well pumps

10''

Sectional drawing



"W" type pump
W125, W160, W215

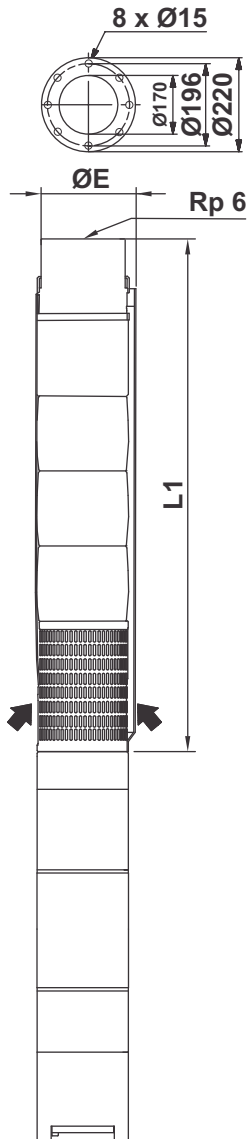
Materials

Pos.	Component	Material
1	Bowl / Diffuser	Stainless steel AISI 304
2	Impeller	Stainless steel AISI 304
3	Neck ring	NBR
4	Shaft	Stainless steel AISI 431
5	Couple	Stainless steel AISI 304
6	Delivery casing	Stainless steel AISI 304
7	Suction case	Stainless steel AISI 304
8	Bearing bush	NBR
9	Strainer	Stainless steel AISI 304

Technical data

Mixed flow 10" stainless steel submersible bore well pumps

W125



Performance chart

Pump type	Motor type	kW	HP	Q m ³ /h l/min	n = 2900 rpm					
					0	20	60	100	120	162.5
	Water filled	0	333	1000	1667	2000	2708			
W125/1-A	L6510-KP	7.50	10.0	H mts.	21	22	19	16	14	5
W125/1	L6515-KP	11.0	15.0		31	31	27	22	20	13
W125/2-AA	L6517-KP	13.0	17.5		40	41	37	31	27	10
W125/2-A	L6525-KP	18.5	25.0		50	50	46	40	34	18
W125/2	L6530-KP	22.0	30.0		59	60	54	46	41	26
W125/3-AA	L6530-KP	22.0	30.0		69	70	63	54	47	21
W125/3-A	L6535-KP	26.0	35.0		78	79	72	61	54	30
W125/3	L6540-KP	30.0	40.0		88	88	80	69	62	39
W125/4-AA	L6550-KP	37.0	50.0		98	100	91	78	69	36
W125/4-A	L6550-KP	37.0	50.0		107	108	99	85	76	44
W125/4	L6550-KP	37.0	50.0		116	117	107	91	83	52
W125/5-AA	L8560-KH	45.0	60.0		127	130	120	104	93	52
W125/5-A	L8560-KH	45.0	60.0		137	139	128	110	100	59
W125/5	L8575-KH	55.0	75.0		147	149	136	118	108	70
W125/6-AA	L8575-KH	55.0	75.0		156	160	147	127	114	66
W125/6-A	L8575-KH	55.0	75.0		166	168	155	134	121	74
W125/6	L8590-H	66.0	90.0		176	178	164	143	130	85
W125/7-AA	L8590-H	66.0	90.0		185	188	173	152	136	80

Dimensions & weights of only Pump

Pump Type	Motor Joining Size	ØE [mm]	L1 [mm]	Pump Gross weight [kg]	Pump Gross volume [m ³]
W125/1-A	6"	211	651	34.6	0.0348
W125/1	6"	211	651	34.6	0.0348
W125/2-AA	6"	211	807	41.0	0.0420
W125/2-A	6"	211	807	41.0	0.0420
W125/2	6"	211	807	41.0	0.0420
W125/3-AA	6"	211	963	47.4	0.0492
W125/3-A	6"	211	963	47.4	0.0492
W125/3	6"	211	963	47.4	0.0492
W125/4-AA	6"	211	1119	53.8	0.0564
W125/4-A	6"	211	1119	53.8	0.0564
W125/4	6"	211	1119	53.8	0.0564
W125/5-AA	8"	213	1275	60.2	0.0636
W125/5-A	8"	213	1275	60.2	0.0636
W125/5	8"	213	1275	60.2	0.0636
W125/6-AA	8"	213	1431	97.6	0.1895
W125/6-A	8"	213	1431	97.6	0.1895
W125/6	8"	218	1431	97.6	0.1895
W125/7-AA	8"	218	1587	106.8	0.2077

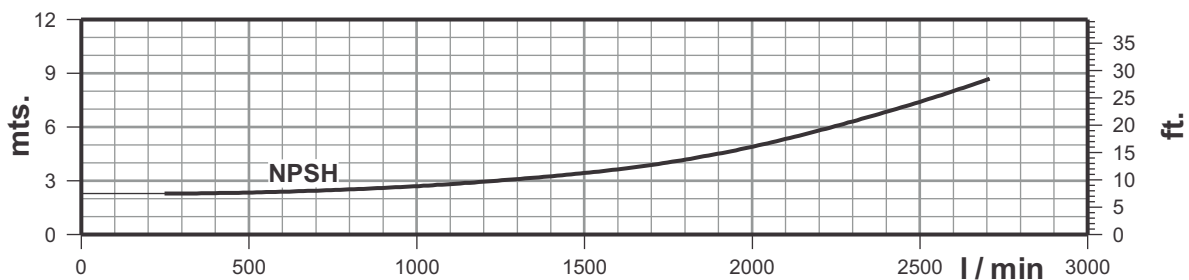
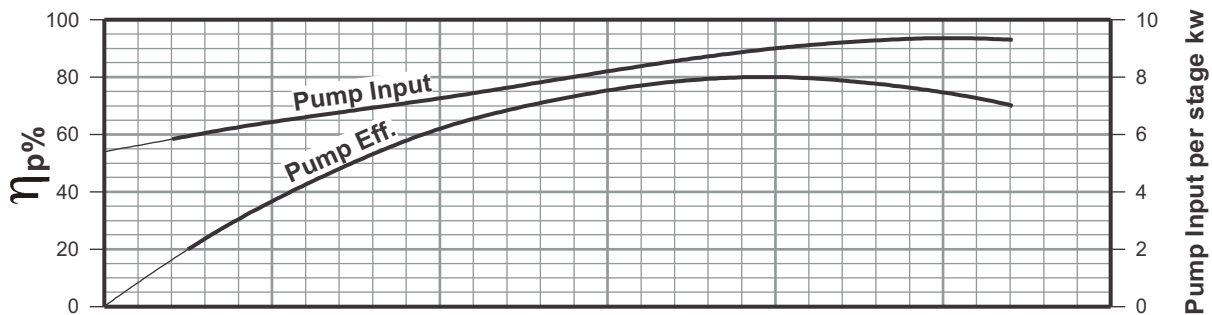
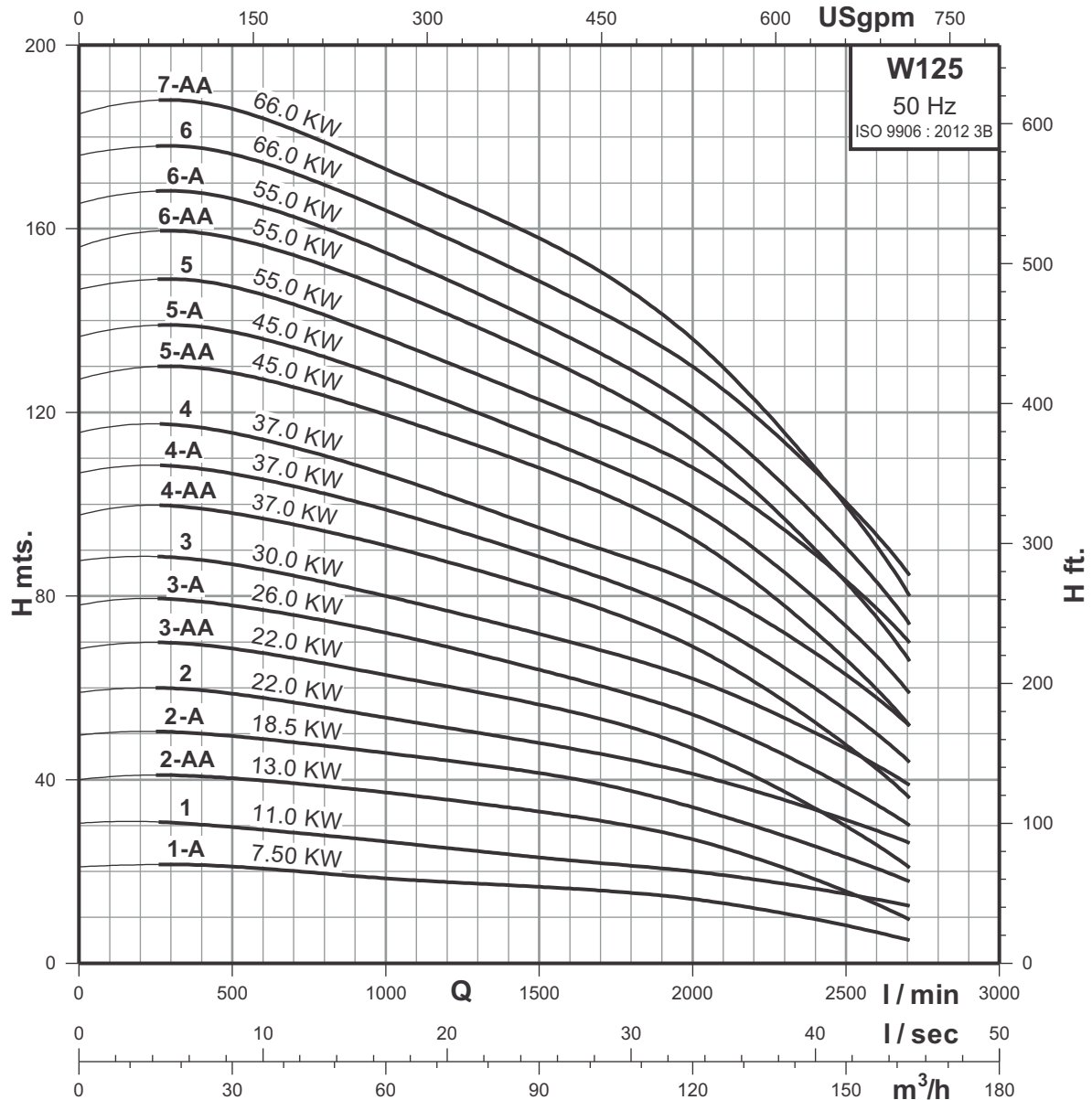
Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 6 mm.

Flange connection is available on request.
All dimensions in mm unless otherwise noted.

Performance curves

Mixed flow 10" stainless steel submersible bore well pumps

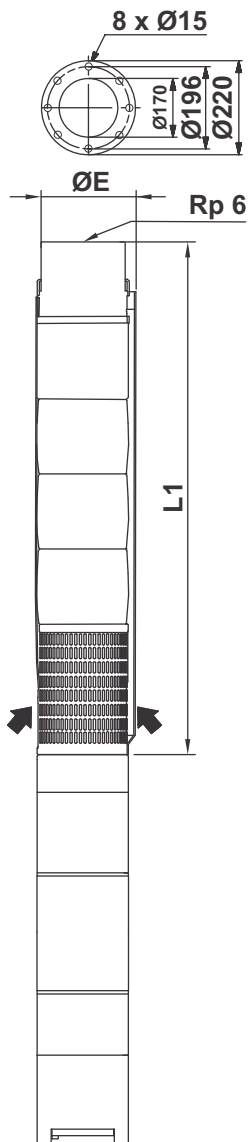
W125



Technical data

Mixed flow 10" stainless steel submersible bore well pumps

W125



Performance chart

Pump type	Motor type	kW	HP	Q m ³ /h l/min	n = 2900 rpm					
					0	20	60	100	120	162.5
	Water filled	0	333	1000	1667	2000	2708			
W125/7-A	L8590-H	66.0	90.0	H mts.	195	198	183	157	143	88
W125/7	L85100-H	75.0	100.0		204	207	190	167	150	98
W125/8-AA	L85100-H	75.0	100.0		214	217	201	173	157	93
W125/8-A	L85100-H	75.0	100.0		223	227	209	181	164	100
W125/8	L85100-H	75.0	100.0		232	236	216	188	170	108
W125/9-AA	L85125-H	93.0	125.0		242	247	226	197	177	105
W125/9-A	L85125-H	93.0	125.0		251	255	233	203	184	112
W125/9	L85125-H	93.0	125.0		260	265	242	210	190	120
W125/10-AA	L85125-H	93.0	125.0		269	275	252	218	196	115
W125/10-A	L85125-H	93.0	125.0		278	283	260	225	203	123
W125/10	L85125-H	93.0	125.0		287	293	268	232	210	131
W125/11	L85150-H	110.0	150.0		317	322	295	255	233	155
W125/12	L15180-D	135.0	180.0		350	355	328	285	261	175
W125/13	L15180-D	135.0	180.0		377	385	355	308	280	187
W125/14	L15200-D	150.0	200.0		409	415	385	335	307	207
W125/15	L15200-D	150.0	200.0		437	445	410	357	327	220
W125/16	L15225-D	165.0	225.0		466	475	438	382	350	238
W125/17	L15225-D	165.0	225.0	495	505	465	405	370	250	

Dimensions & weights of only Pump

Pump Type	Motor Joining Size	ØE [mm]	L1 [mm]	Pump Gross weight [kg]	Pump Gross volume [m ³]
W125/7-A	8"	218	1587	106.8	0.2077
W125/7	8"	218	1587	106.8	0.2077
W125/8-AA	8"	218	1743	116.0	0.2258
W125/8-A	8"	218	1743	116.0	0.2258
W125/8	8"	218	1743	116.0	0.2258
W125/9-AA	8"	218	1899	125.2	0.2439
W125/9-A	8"	218	1899	125.2	0.2439
W125/9	8"	218	1899	125.2	0.2439
W125/10-AA	8"	218	2055	134.4	0.2620
W125/10-A	8"	218	2055	134.4	0.2620
W125/10	8"	218	2055	134.4	0.2620
W125/11	8"	218	2507	143.6	0.2802
W125/12	10"	240	2714	152.8	0.2983
W125/13	10"	240	2870	162.0	0.3164
W125/14	10"	240	3025	171.2	0.3346
W125/15	10"	240	3181	180.4	0.3527
W125/16	10"	240	3336	189.6	0.3708
W125/17	10"	240	3492	198.8	0.3889

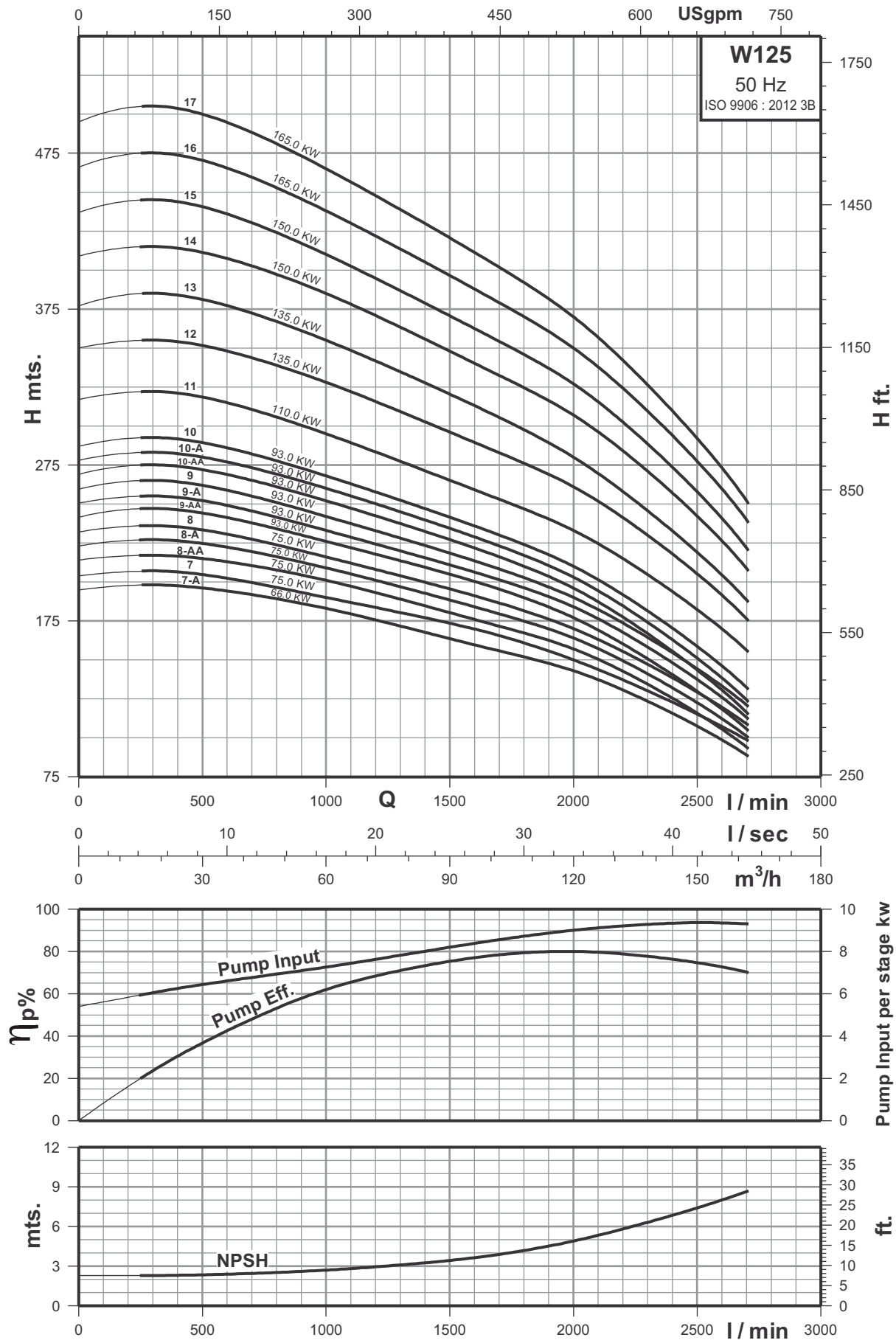
Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 6 mm.

Flange connection is available on request.
All dimensions in mm unless otherwise noted.

Performance curves

Mixed flow 10" stainless steel submersible bore well pumps

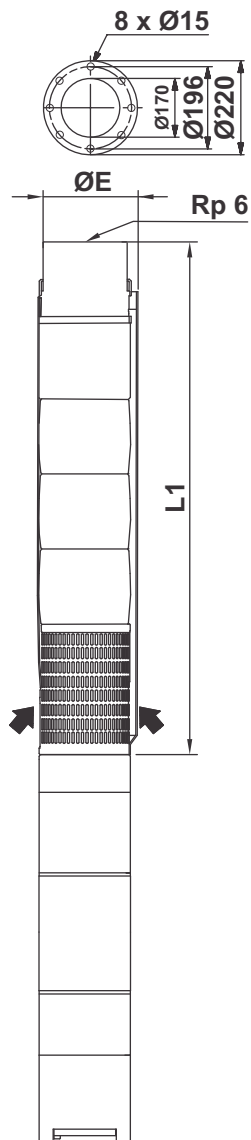
W125



Technical data

Mixed flow 10" stainless steel submersible bore well pumps

W160



Performance chart

Pump type	Motor type	kW	HP	Q m ³ /h	n = 2900 rpm					
					Water filled					
	l/min	0	20	80	120	160	217			
W160/1-A	L6512-KP	9.30	12.5	H mts.	24	24	19	16	13	4
W160/1	L6517-KP	13.0	17.5		34	34	28	23	20	13
W160/2-AA	L6525-KP	18.5	25.0		46	46	39	34	26	9
W160/2-A	L6530-KP	22.0	30.0		56	56	47	40	33	18
W160/2	L6535-KP	26.0	35.0		65	65	55	47	40	25
W160/3-AA	L6540-KP	30.0	40.0		77	77	67	57	46	22
W160/3-A	L6550-KP	37.0	50.0		87	88	75	64	54	31
W160/3	L6550-KP	37.0	50.0		96	97	82	70	60	38
W160/4-AA	L8560-KH	45.0	60.0		110	111	96	83	69	38
W160/4-A	L8560-KH	45.0	60.0		119	120	103	89	76	46
W160/4	L8575-KH	55.0	75.0		130	131	112	96	84	54
W160/5-AA	L8575-KH	55.0	75.0		142	143	123	107	90	51
W160/5-A	L8575-KH	55.0	75.0		151	152	131	113	96	58
W160/5	L8590-H	66.0	90.0		161	163	138	120	104	64

Dimensions & weights of only Pump

Pump Type	Motor Joining Size	ØE [mm]	L1 [mm]	Pump Gross weight [kg]	Pump Gross volume [m ³]
W160/1-A	6"	211	651	34.6	0.0348
W160/1	6"	211	651	34.6	0.0348
W160/2-AA	6"	211	807	41.0	0.0420
W160/2-A	6"	211	807	41.0	0.0420
W160/2	6"	211	807	41.0	0.0420
W160/3-AA	6"	211	963	47.4	0.0492
W160/3-A	6"	211	963	47.4	0.0492
W160/3	6"	211	963	47.4	0.0492
W160/4-AA	8"	218	1119	53.8	0.0564
W160/4-A	8"	218	1119	53.8	0.0564
W160/4	8"	218	1119	53.8	0.0564
W160/5-AA	8"	218	1275	60.2	0.0636
W160/5-A	8"	218	1275	60.2	0.0636
W160/5	8"	218	1275	60.2	0.0636

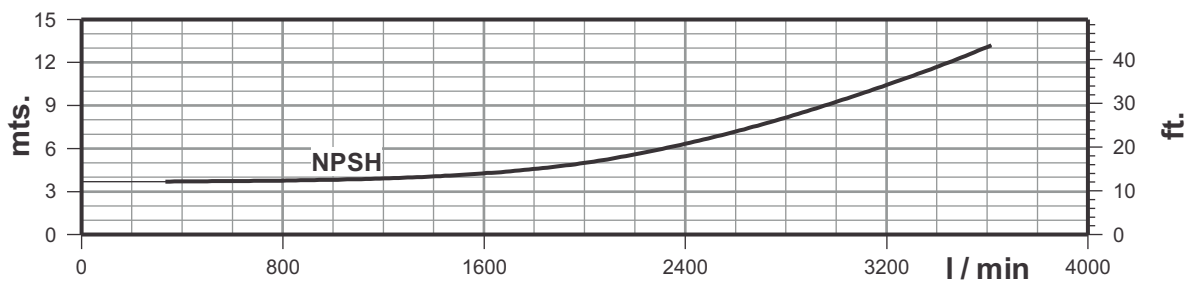
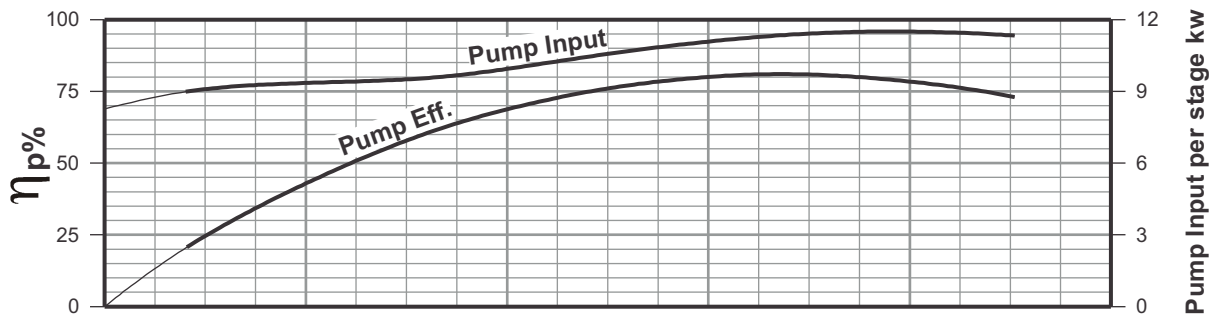
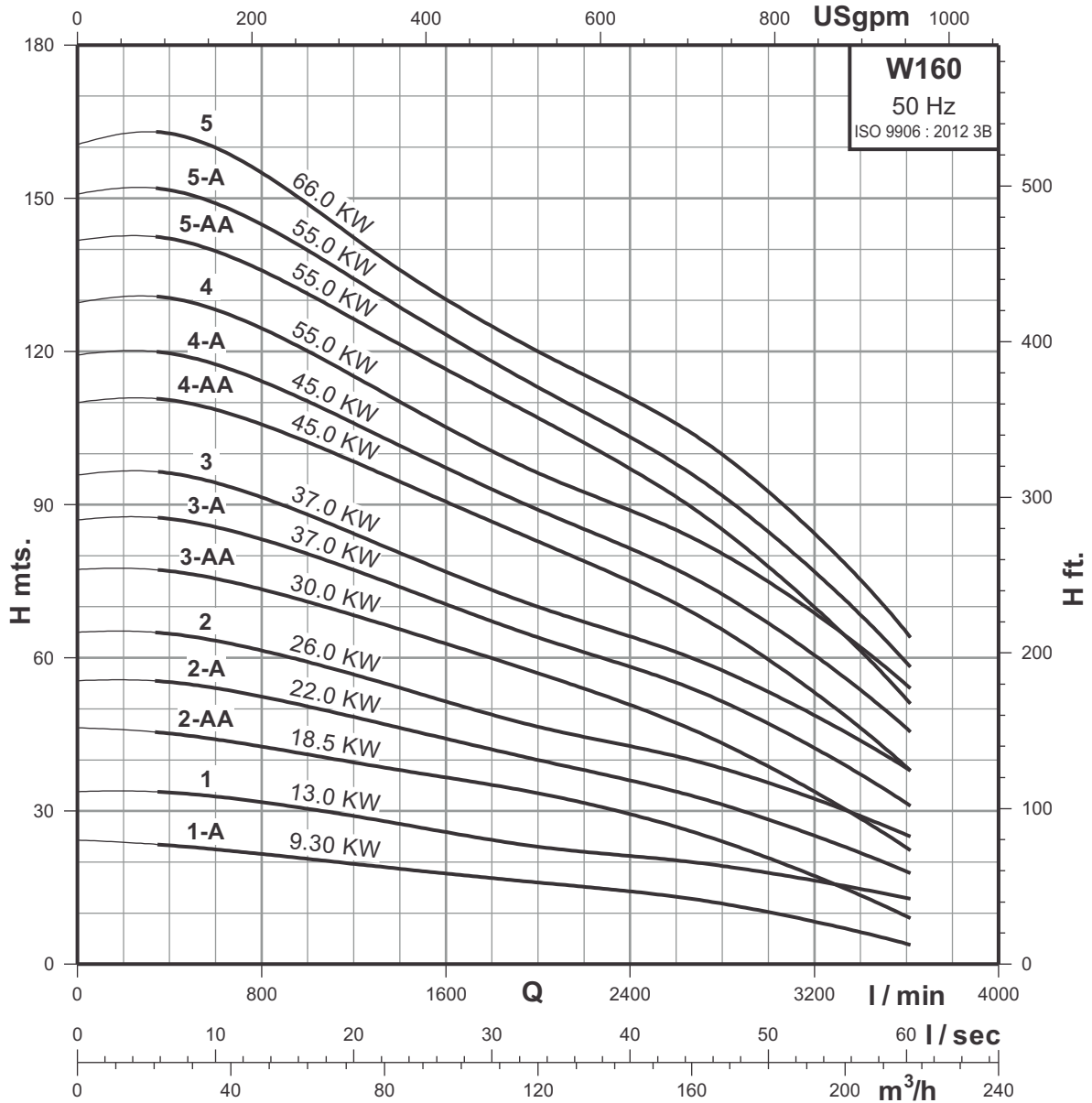
Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 6 mm.

Flange connection is available on request.
All dimensions in mm unless otherwise noted.

Performance curves

Mixed flow 10" stainless steel submersible bore well pumps

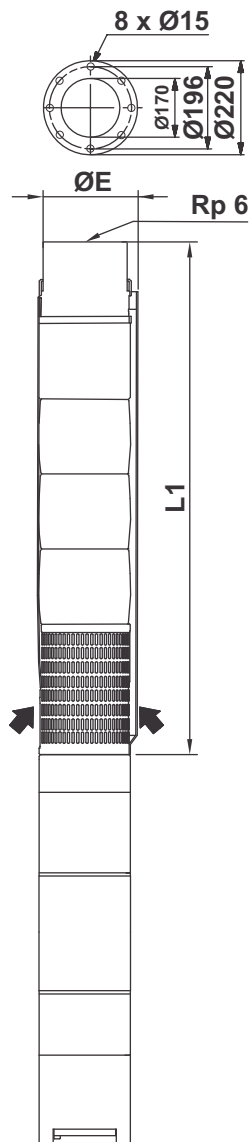
W160



Technical data

Mixed flow 10" stainless steel submersible bore well pumps

W160



Performance chart

Pump type	Motor type	kW	HP	Q m³/h	n = 2900 rpm					
					Water filled					
	l/min	0	20	80	120	160	217			
W160/6-AA	L8590-H	66.0	90.0	H mts.	173	174	150	130	110	64
W160/6-A	L85100-H	75.0	100.0		183	184	158	137	117	72
W160/6	L85100-H	75.0	100.0		192	193	165	144	124	80
W160/7-AA	L85100-H	75.0	100.0		204	205	176	153	130	77
W160/7-A	L85125-H	93.0	125.0		213	214	184	158	136	84
W160/7	L85125-H	93.0	125.0		222	224	192	166	143	91
W160/8-AA	L85125-H	93.0	125.0		234	236	203	176	148	88
W160/8-A	L85125-H	93.0	125.0		243	245	210	183	155	94
W160/8	L85125-H	93.0	125.0		252	254	217	188	161	101
W160/9-AA	L85150-H	110.0	150.0		267	268	231	200	170	101
W160/9-A	L85150-H	110.0	150.0		275	277	238	207	177	109
W160/9	L85150-H	110.0	150.0		284	287	245	213	183	115
W160/10-AA	L85150-H	110.0	150.0		296	298	257	222	190	126
W160/10-A	L15180-D	135.0	180.0		311	314	270	235	202	140
W160/10	L15180-D	135.0	180.0		320	323	277	241	205	150
W160/11	L15180-D	135.0	180.0		350	354	303	264	227	161
W160/12	L15200-D	150.0	200.0		384	388	333	290	251	180
W160/13	L15225-D	165.0	225.0		417	420	362	315	273	195
W160/14	L15225-D	165.0	225.0		447	452	388	338	293	208
W160/15	L15250-D	185.0	250.0		480	485	418	365	315	225

Dimensions & weights of only Pump

Pump Type	Motor Joining Size	ØE [mm]	L1 [mm]	Pump Gross weight [kg]	Pump Gross volume [m³]
W160/6-AA	8"	218	1431	97.6	0.1895
W160/6-A	8"	218	1431	97.6	0.1895
W160/6	8"	218	1431	97.6	0.1895
W160/7-AA	8"	218	1587	106.8	0.2077
W160/7-A	8"	218	1587	106.8	0.2077
W160/7	8"	218	1587	106.8	0.2077
W160/8-AA	8"	218	1743	116.0	0.2258
W160/8-A	8"	218	1743	116.0	0.2258
W160/8	8"	218	1743	116.0	0.2258
W160/9-AA	8"	218	1899	125.2	0.2439
W160/9-A	8"	218	1899	125.2	0.2439
W160/9	8"	218	1899	125.2	0.2439
W160/10-AA	8"	218	2351	134.4	0.2620
W160/10-A	10"	240	2403	134.4	0.2620
W160/10	10"	240	2403	134.4	0.2620
W160/11	10"	240	2559	143.6	0.2802
W160/12	10"	240	2714	152.8	0.2983
W160/13	10"	240	2870	162.0	0.3164
W160/14	10"	240	3025	171.2	0.3346
W160/15	10"	240	3259	180.4	0.3527

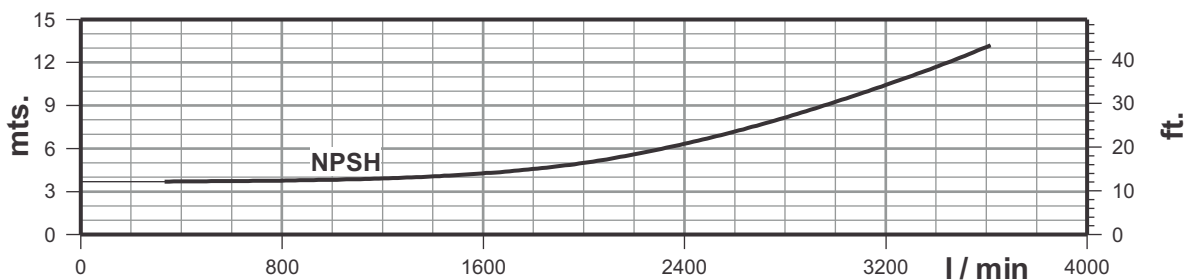
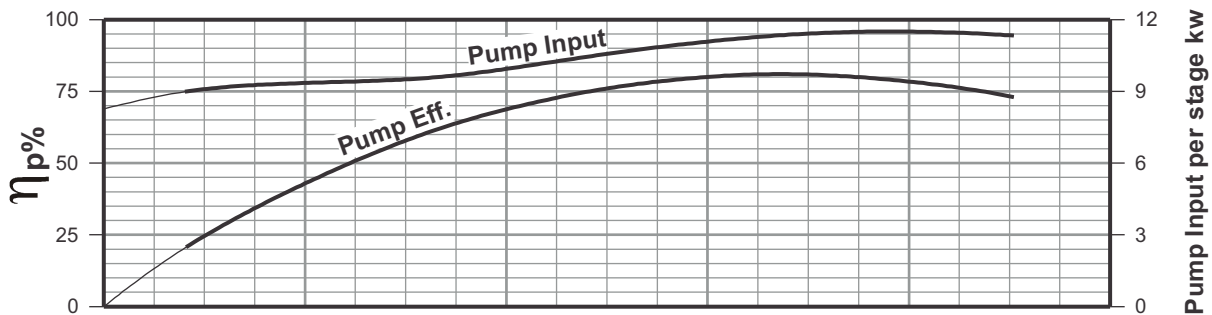
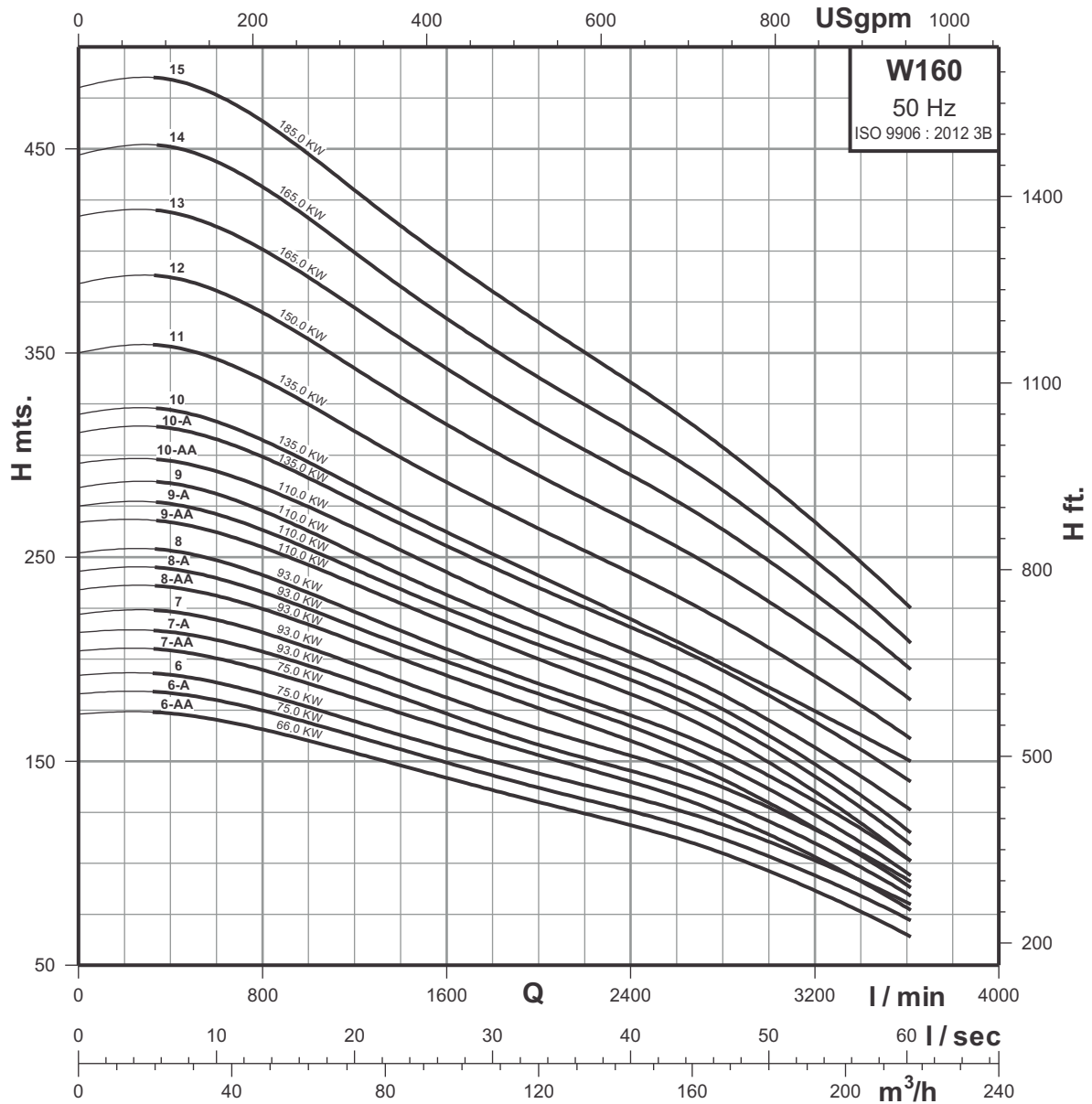
Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 6 mm.

Flange connection is available on request.
All dimensions in mm unless otherwise noted.

Performance curves

Mixed flow 10" stainless steel submersible bore well pumps

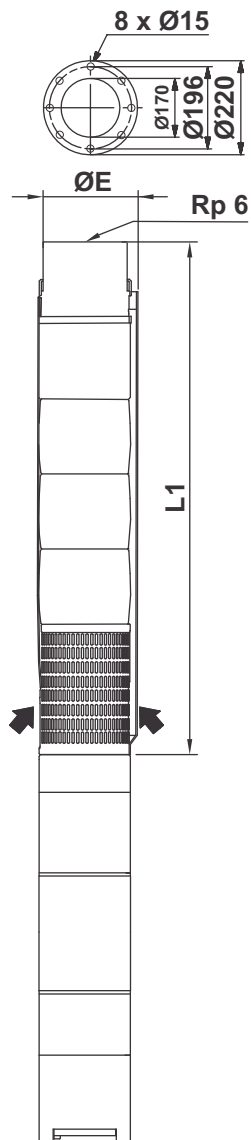
W160



Technical data

Mixed flow 10" stainless steel submersible bore well pumps

W215



Performance chart

Pump type	Motor type	kW	HP	Q m³/h	n = 2900 rpm					
					Water filled					
	l/min	0	40	120	200	240	280			
W215/1-A	L6520-KP	15.0	20.0	H mts.	27	27	22	15	10	3
W215/1	L6525-KP	18.5	25.0		38	37	30	23	19	12
W215/2-AA	L6540-KP	30.0	40.0		55	54	47	35	25	12
W215/2-A	L6550-KP	37.0	50.0		67	65	55	44	35	18
W215/2	L8560-KH	45.0	60.0		80	78	64	52	44	28
W215/3-AA	L8575-KH	55.0	75.0		95	94	82	67	52	29
W215/3-A	L8575-KH	55.0	75.0		107	105	89	72	59	37
W215/3	L8590-H	66.0	90.0		119	117	97	79	67	47
W215/4-AA	L85100-H	75.0	100.0		135	132	114	92	74	45
W215/4-A	L85100-H	75.0	100.0		147	144	122	98	82	53
W215/4	L85100-H	75.0	100.0		158	155	129	105	87	62
W215/5-AA	L85125-H	93.0	125.0		173	170	146	117	95	59
W215/5-A	L85125-H	93.0	125.0		184	181	152	123	102	67
W215/5	L85125-H	93.0	125.0		195	192	160	130	108	75

Dimensions & weights of only Pump

Pump Type	Motor Joining Size	ØE [mm]	L1 [mm]	Pump Gross weight [kg]	Pump Gross volume [m³]
W215/1-A	6"	241	790	49.0	0.0498
W215/1	6"	241	790	49.0	0.0498
W215/2-AA	6"	241	966	59.5	0.0761
W215/2-A	6"	241	966	59.5	0.0761
W215/2	8"	241	966	59.5	0.0761
W215/3-AA	8"	241	1142	101.0	0.1792
W215/3-A	8"	241	1142	101.0	0.1792
W215/3	8"	241	1142	101.0	0.1792
W215/4-AA	8"	241	1318	114.5	0.2306
W215/4-A	8"	241	1318	114.5	0.2306
W215/4	8"	241	1318	114.5	0.2306
W215/5-AA	8"	241	1494	128.0	0.2560
W215/5-A	8"	241	1494	128.0	0.2560
W215/5	8"	241	1494	128.0	0.2560

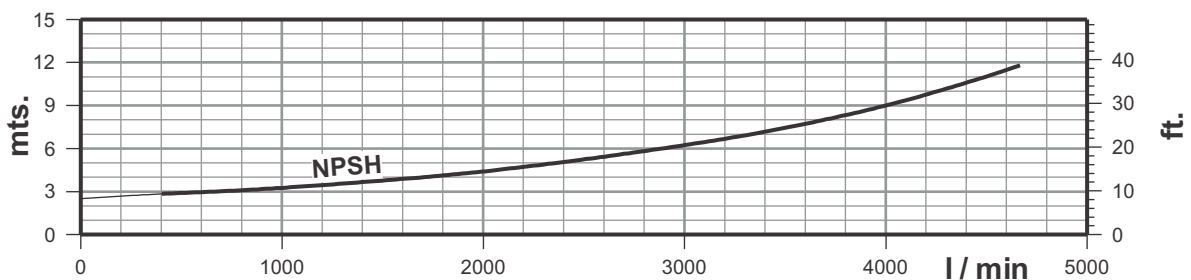
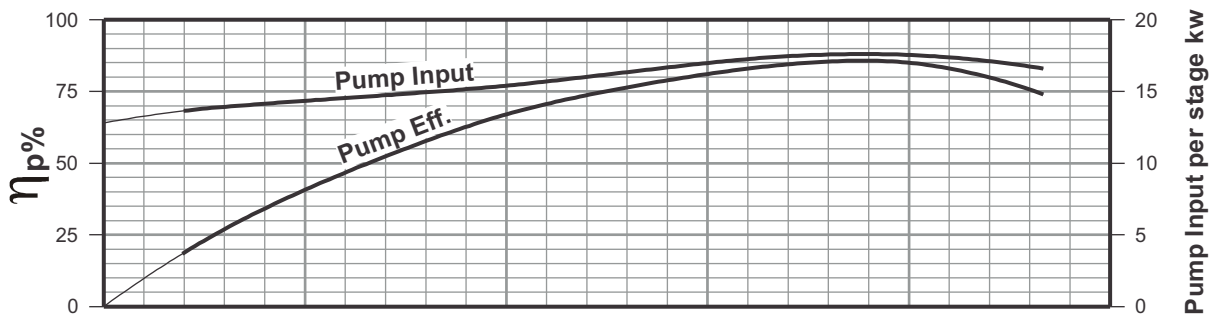
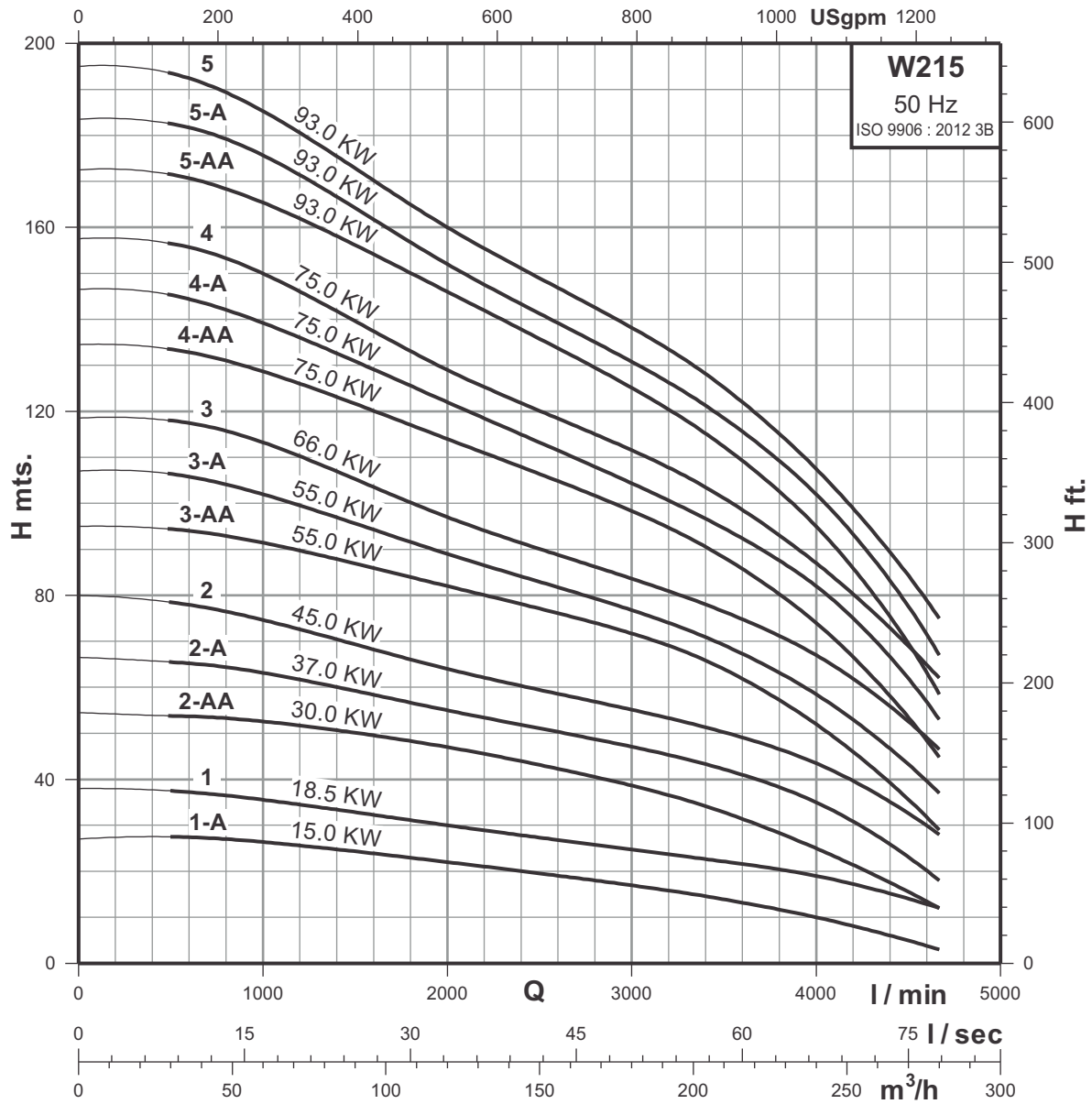
Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 6 mm.

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All dimensions in mm unless otherwise noted.

Performance curves

Mixed flow 10" stainless steel submersible bore well pumps

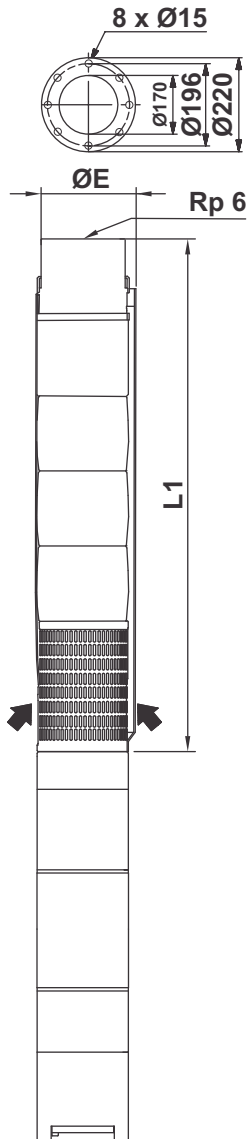
W215



Technical data

Mixed flow 10" stainless steel submersible bore well pumps

W215



Performance chart

Pump type	Motor type	kW	HP	Q m³/h	n = 2900 rpm					
					Water filled					
	l/min	0	40	120	200	240	280			
W215/6-AA	L85150-H	110.0	150.0	H mts.	212	209	178	144	118	76
W215/6-A	L85150-H	110.0	150.0		223	219	185	150	124	84
W215/6	L85150-H	110.0	150.0		234	230	192	156	130	92
W215/7-AA	L15180-D	135.0	180.0		254	250	214	174	143	96
W215/7-A	L15180-D	135.0	180.0		265	261	221	180	151	105
W215/7	L15180-D	135.0	180.0		277	273	228	186	157	113
W215/8-AA	L15200-D	150.0	200.0		295	291	249	202	168	114
W215/8-A	L15200-D	150.0	200.0		306	302	256	208	175	123
W215/8	L15200-D	150.0	200.0		318	314	263	215	181	131
W215/9-AA	L15225-D	165.0	225.0		335	331	282	230	191	131
W215/9-A	L15225-D	165.0	225.0		347	343	289	236	198	140
W215/9	L15225-D	165.0	225.0		357	353	297	242	205	149
W215/10-AA	L15250-D	185.0	250.0		375	370	315	258	215	149
W215/10-A	L15250-D	185.0	250.0		387	382	323	264	221	158
W215/10	L15250-D	185.0	250.0		398	393	330	270	227	166

Dimensions & weights of only Pump

Pump Type	Motor Joining Size	ØE [mm]	L1 [mm]	Pump Gross weight [kg]	Pump Gross volume [m³]
W215/6-AA	8"	241	1670	141.5	0.2816
W215/6-A	8"	241	1670	141.5	0.2816
W215/6	8"	241	1670	141.5	0.2816
W215/7-AA	10"	241	1846	155.0	0.3073
W215/7-A	10"	241	1846	155.0	0.3073
W215/7	10"	241	1846	155.0	0.3073
W215/8-AA	10"	241	2022	168.5	0.3329
W215/8-A	10"	241	2022	168.5	0.3329
W215/8	10"	241	2022	168.5	0.3329
W215/9-AA	10"	276	2198	182.0	0.3586
W215/9-A	10"	276	2198	182.0	0.3586
W215/9	10"	276	2198	182.0	0.3586
W215/10-AA	10"	276	2374	195.5	0.3841
W215/10-A	10"	276	2374	195.5	0.3841
W215/10	10"	276	2374	195.5	0.3841

Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 6 mm.

Flange connection is available on request.

All dimensions in mm unless otherwise noted.

Performance curves

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