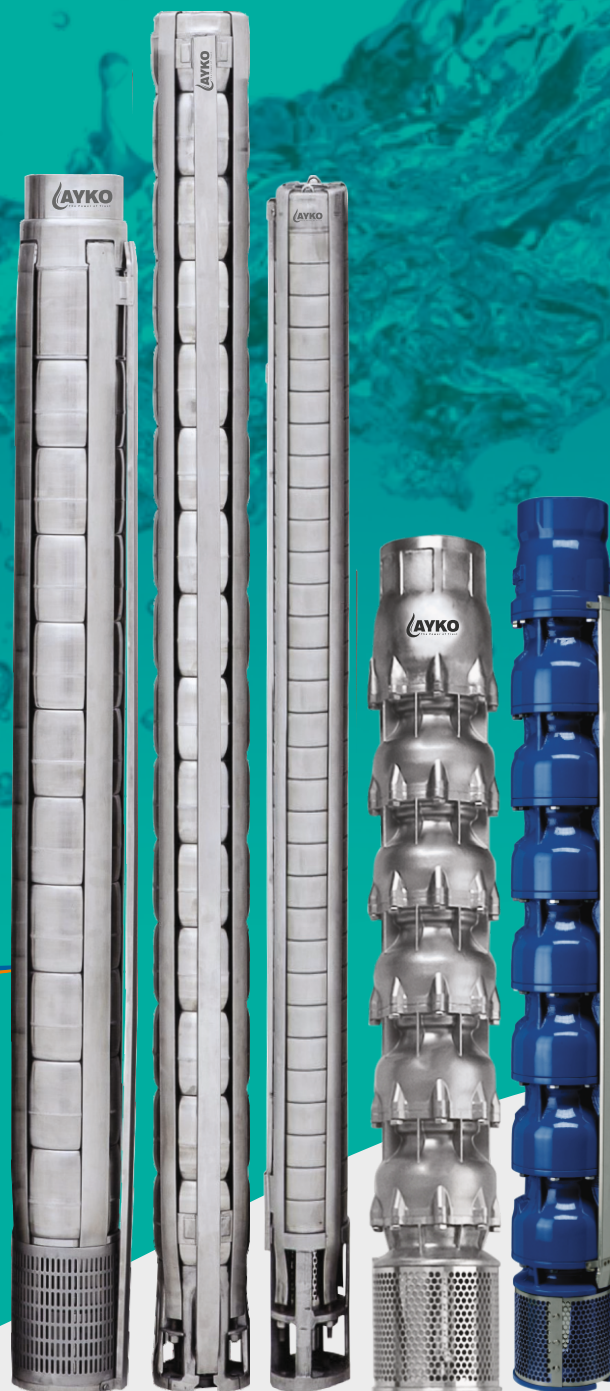


# DEEP WELL SUBMERSIBLE PUMPS

---

50Hz







# STAINLESS STEEL SUBMERSIBLE PUMPS

AYKO stainless steel bore hole submersible pumps are multistage centrifugal type and are designed to deliver best efficiency. All hydraulic components are fabricated with high grade non-magnetic corrosion resistant SS304 / SS316 stainless steel materials for hygienic water supply and longer life. All components are precisely machined & balanced to have excellent mechanical stability and withstand high torque. These pumps are provided with inbuilt Check valve to prevent back flow of water. These pumps are available with combination type NEMA standard mounting dimensions also to suit with higher and lower diameter NEMA Standard motors.

## PUMP OPERATING LIMITATIONS

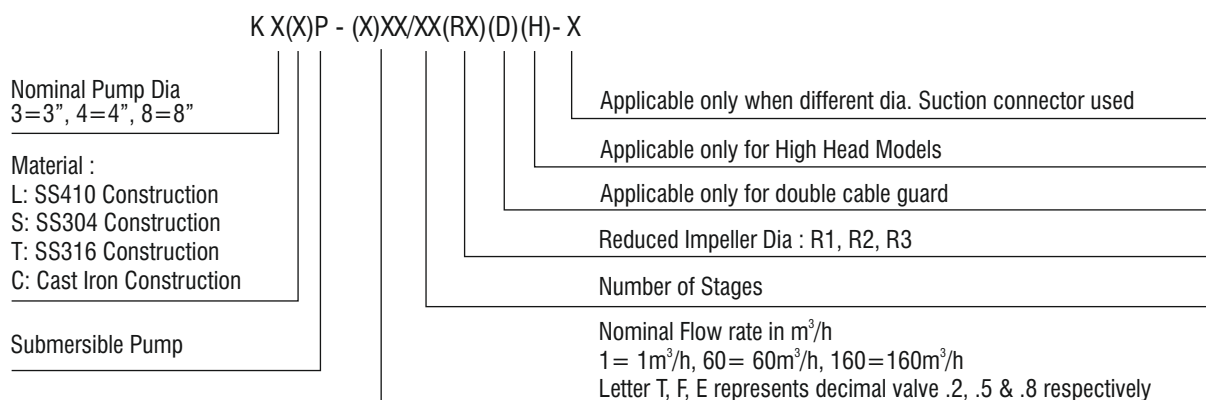
Model	K3SP	K4SP	K6SP	K8SP	K10SP
Nominal Dia.	3" (75mm)	4" (100mm)	6" (150mm)	8" (200mm)	10" (250mm)
Power Range	0.25 - 1.1 kW	0.37 - 7.5 kW	2.2 - 55 kW	5.5 - 110 kW	9.3 - 220 kW
Speed	2900 rpm	2900 rpm	2900 rpm	2900 rpm	2900 rpm
Flow Range m <sup>3</sup> /h	0 - 3	0.4 - 20	7 - 76	20 - 126	18 - 280
Head range m	10 - 144	4.0 - 480	4.5 - 645	8 - 475	6 - 488
Outlet size	1"	1¼", 1½" & 2"	2", 2½", 3" & 4"	4" & 5"	6"

## OPERATING CONDITIONS

Liquid Temperature	: 33°C (NBR) 90°C (VITON)
Max. Permissible Sand Content	: 50 g/m <sup>3</sup>
Max. Allowable TDS	: 3000 PPM
Specific Gravity	: 1.004
PH	: 6.5 to 8.5

High Temperature Applications: Pumps will be supplied with Viton rubber material, on request at additional cost.

## MODEL NOMENCLATURE

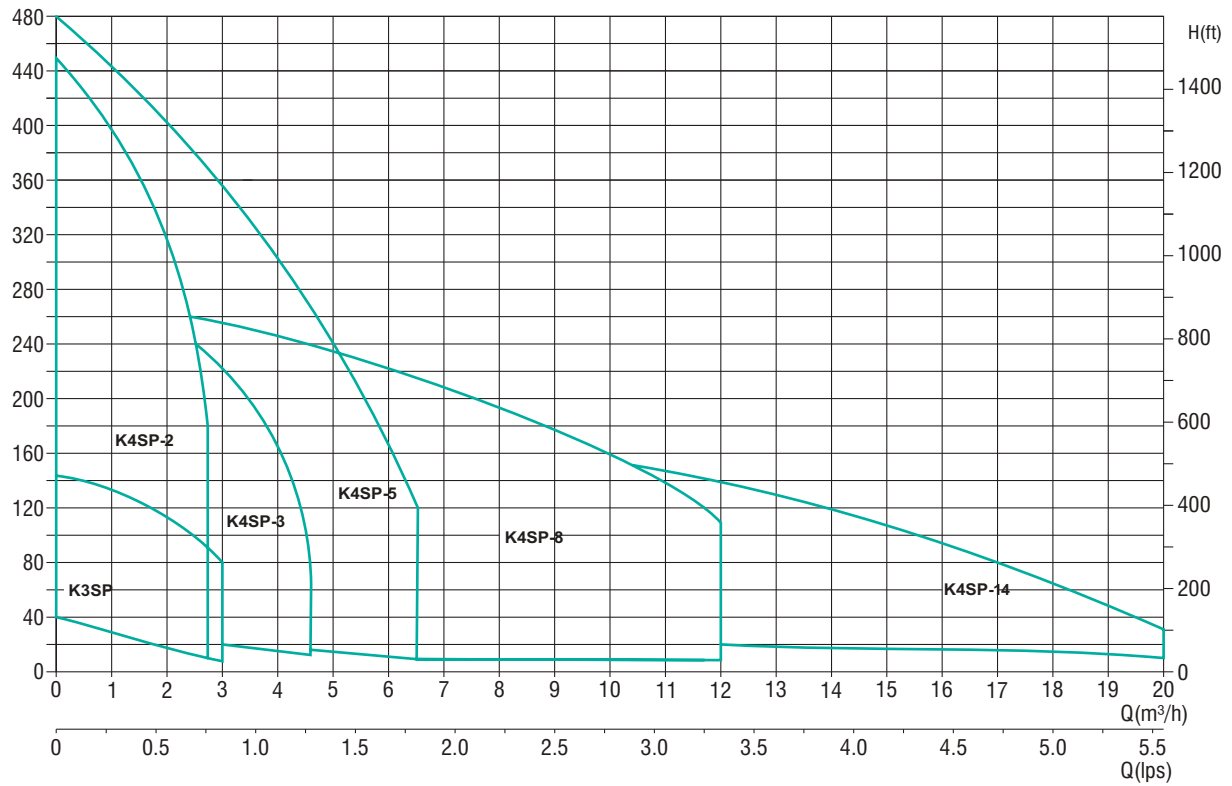


Available in both SS304 (SP Type) & SS316 (TP Type) construction

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

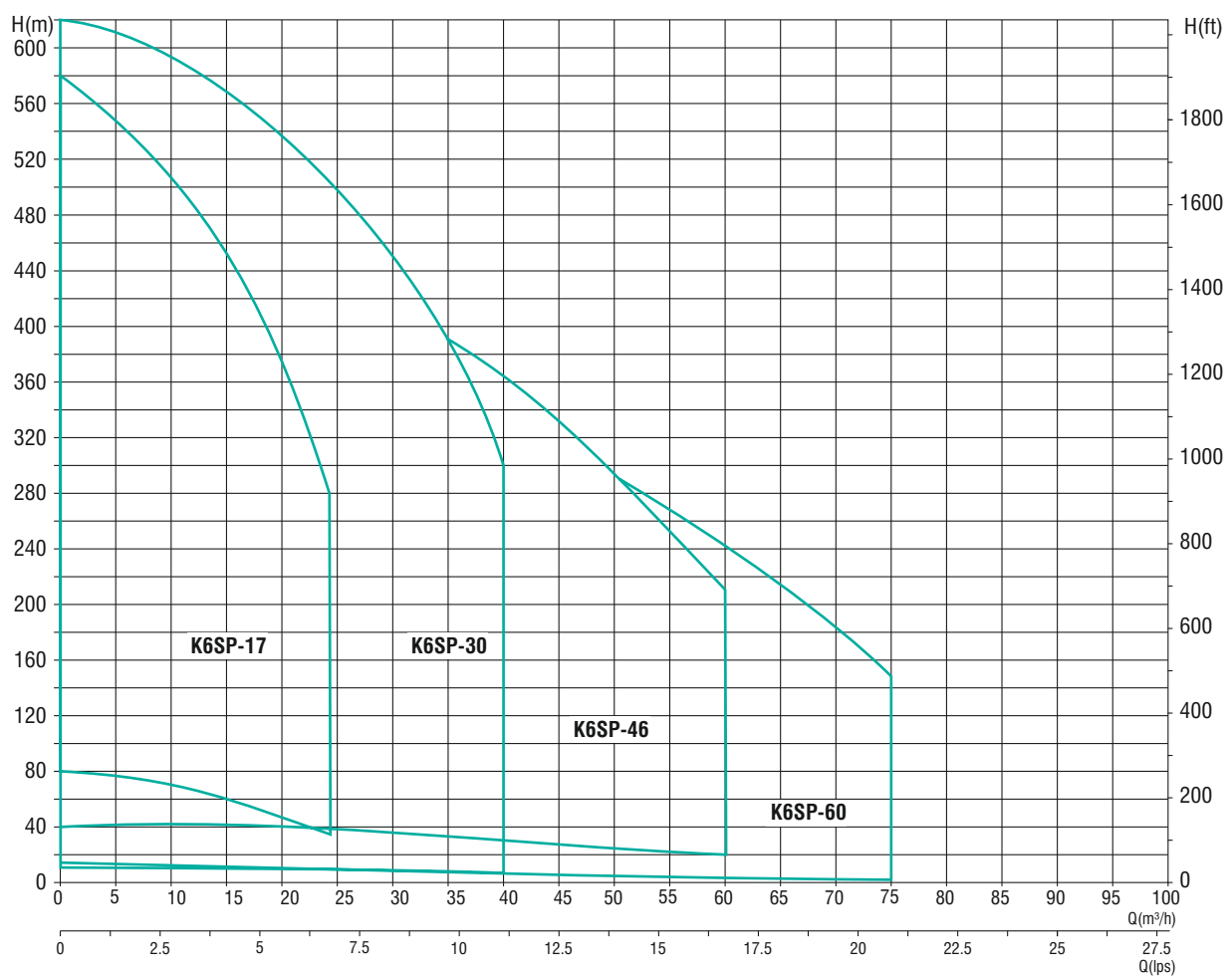
### K3SP & K4SP Group Performance

2900 rpm



### K6SP Group Performance

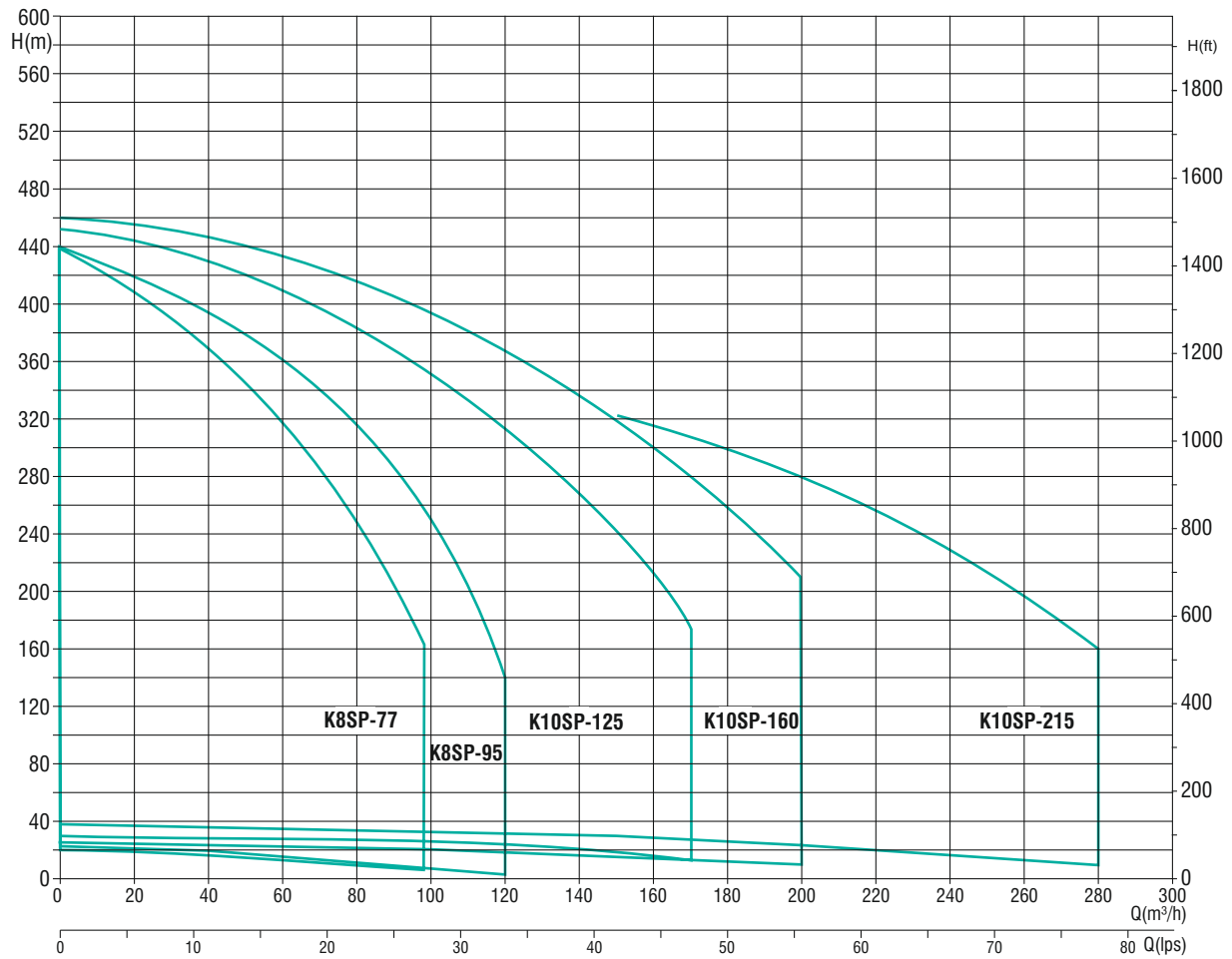
2900 rpm



# STAINLESS STEEL SUBMERSIBLE PUMPS

## K8SP & K10SP Group Performance

2900 rpm

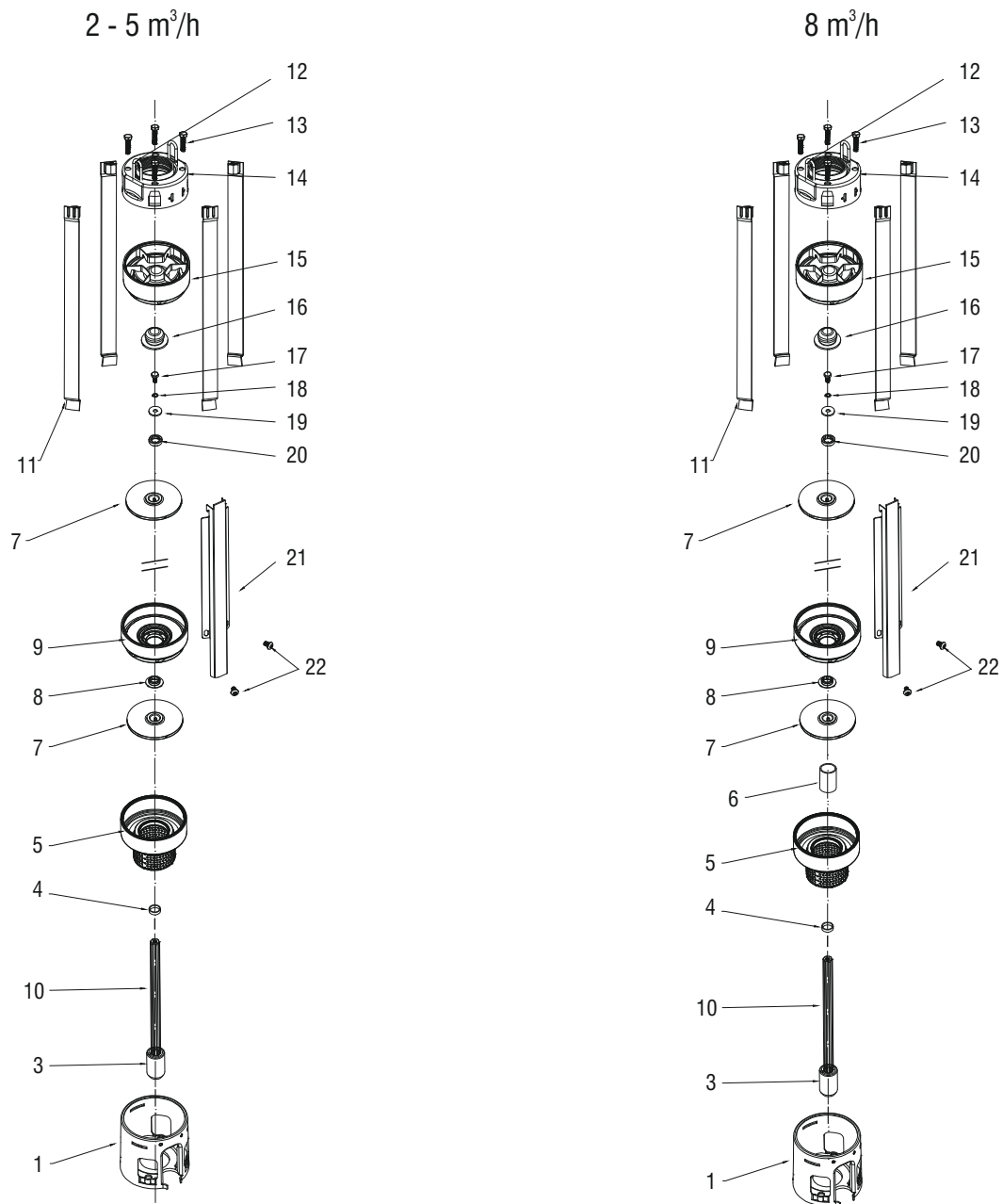


## Materials of Construction

PART NAME	3" & 4" SS PUMPS		6" to 10" SS PUMPS	
	TYPE - SP	TYPE - TP	TYPE - SP	TYPE - TP
IMPELLER	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
DIFFUSER CHAMBER	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
SHAFT	S.S. - 304 / 420	S.S. - 316	S.S. - 304 / 420	S.S. - 316
SUCTION HOUSING	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
DISCHARGE HOUSING	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
LOCKING STRAPS	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
COUPLING SPLINES	S.S. - 304 / 420	S.S. - 316	S.S. - 304 / 420	S.S. - 316
CHECK VALVE DISC	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
CHECK VALVE SEAT	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON
WEAR RING	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON
SPLIT CONE AND NUT	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
STOP RING	S.S. - 420 / BRONZE	TEFLON	CARBON	CARBON
CABLE GUARD	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
STRAINER	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
INTERMEDIATE BEARING	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

### 4" Exploded View: K4SP Models



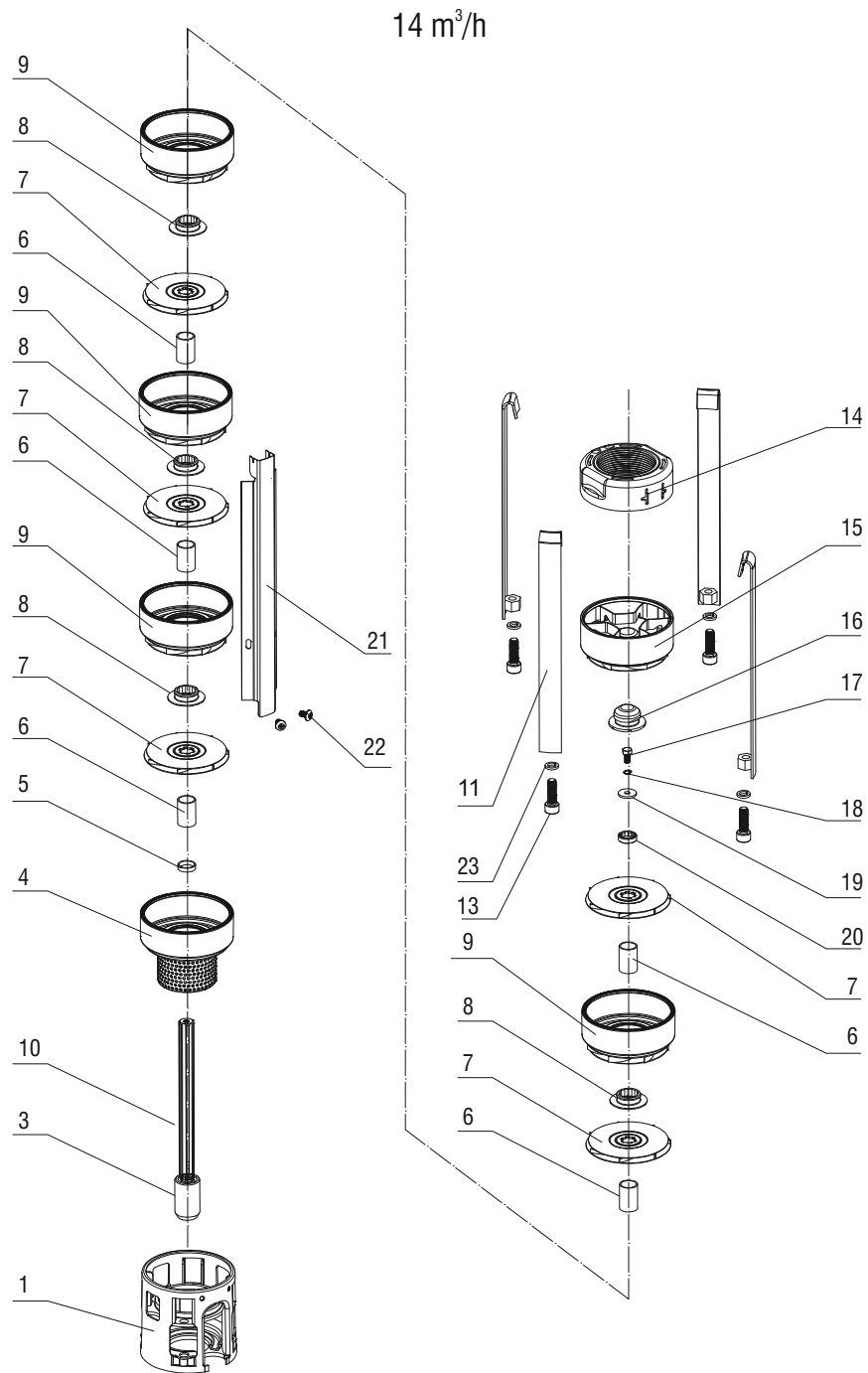
Part No.	Part Name
1	Suction Housing
2	Screw
3	Coupling
4	Spacer Sleeve
5	Inlet Screen Chamber
6	Sleeve
7	Impeller
8	Bush - Diffuser Casing

Part No.	Part Name
9	Diffuser Casing
10	Shaft
11	Locking Strap
12	Hook
13	Locking Strap Bolt
14	Discharge Housing
15	Check Valve Assy.
16	Bush - CT Pad

Part No.	Part Name
17	Screw
18	Washer
19	Upthrust Washer
20	Sleeve
21	Cable Guard
22	Cable Guard Screw

# STAINLESS STEEL SUBMERSIBLE PUMPS

## 4" Exploded View: K4SP Models



Part No.	Part Name
1	Suction Housing
2	Screw
3	Coupling
4	Spacer Sleeve
5	Inlet Screen Chamber
6	Sleeve
7	Impeller
8	Bush - Diffuser Casing

Part No.	Part Name
9	Diffuser Casing
10	Shaft
11	Locking Strap
12	Hook
13	Locking Strap Bolt
14	Discharge Housing
15	Check Valve Assy.
16	Bush - CT Pad

Part No.	Part Name
17	Screw
18	Washer
19	Upthrust Washer
20	Sleeve
21	Cable Guard
22	Cable Guard Screw
23	Spring Washer



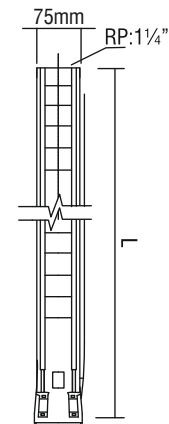
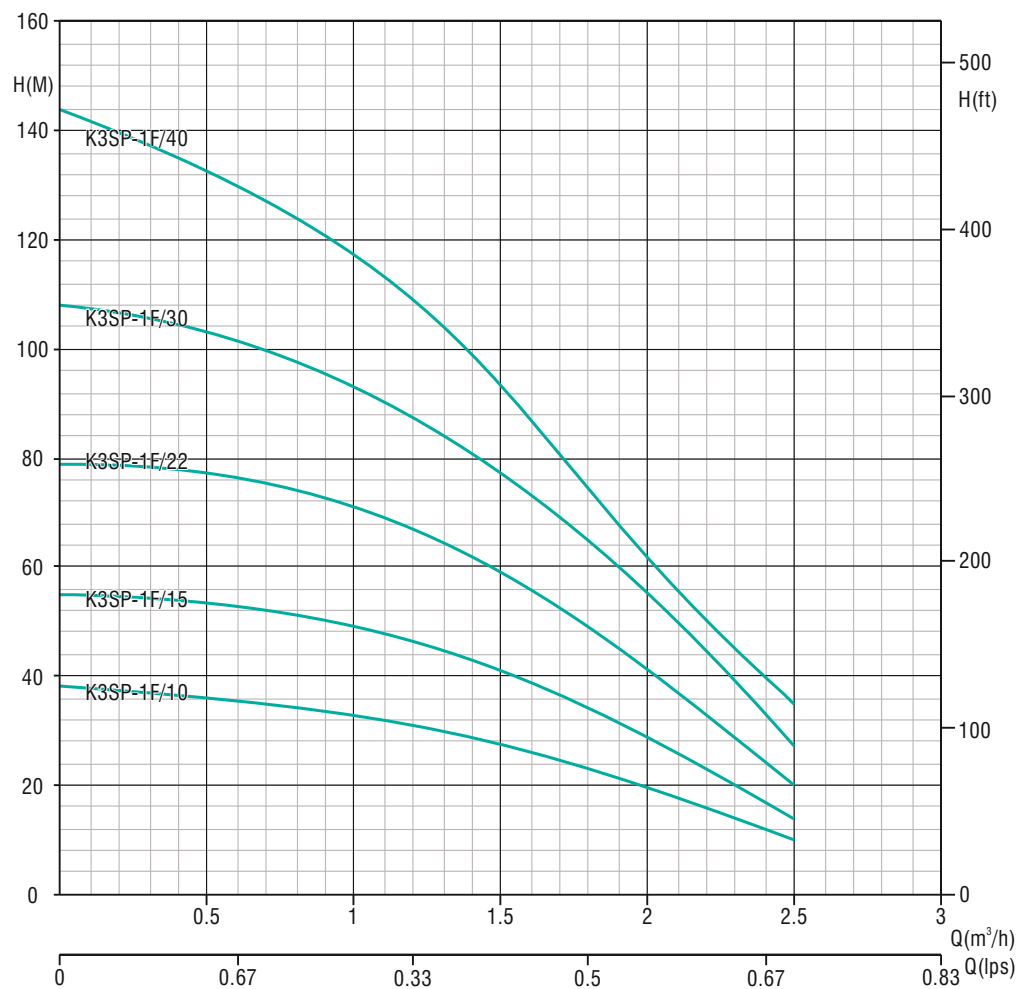
## K3SP-1F

Nominal Flow: 1.5m<sup>3</sup>/h

Outlet Size: 1 ¼"

Performance Curve

2900 rpm



Model	Motor Power		Q (m <sup>3</sup> /h) Q (lps)	0	0.5	1	1.5	1.8	2	2.5	Height L (mm)
	kW	HP		0	0.13	0.28	0.42	0.5	0.55	0.7	
K3SP-1F/10	0.25	0.33	Head(m)	38	36	33	28	23	20	10	330
K3SP-1F/15	0.37	0.5		55	54	50	40	34	29	14	430
K3SP-1F/22	0.55	0.75		79	78	72	58	50	42	20	570
K3SP-1F/30	0.75	1		108	105	93	76	64	57	27	730
K3SP-1F/40	1.1	1.5		144	132	120	91	76	60	35	930

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# STAINLESS STEEL SUBMERSIBLE PUMPS

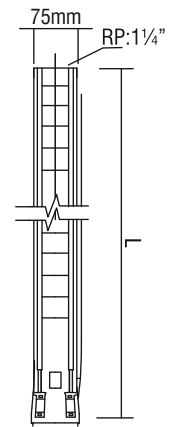
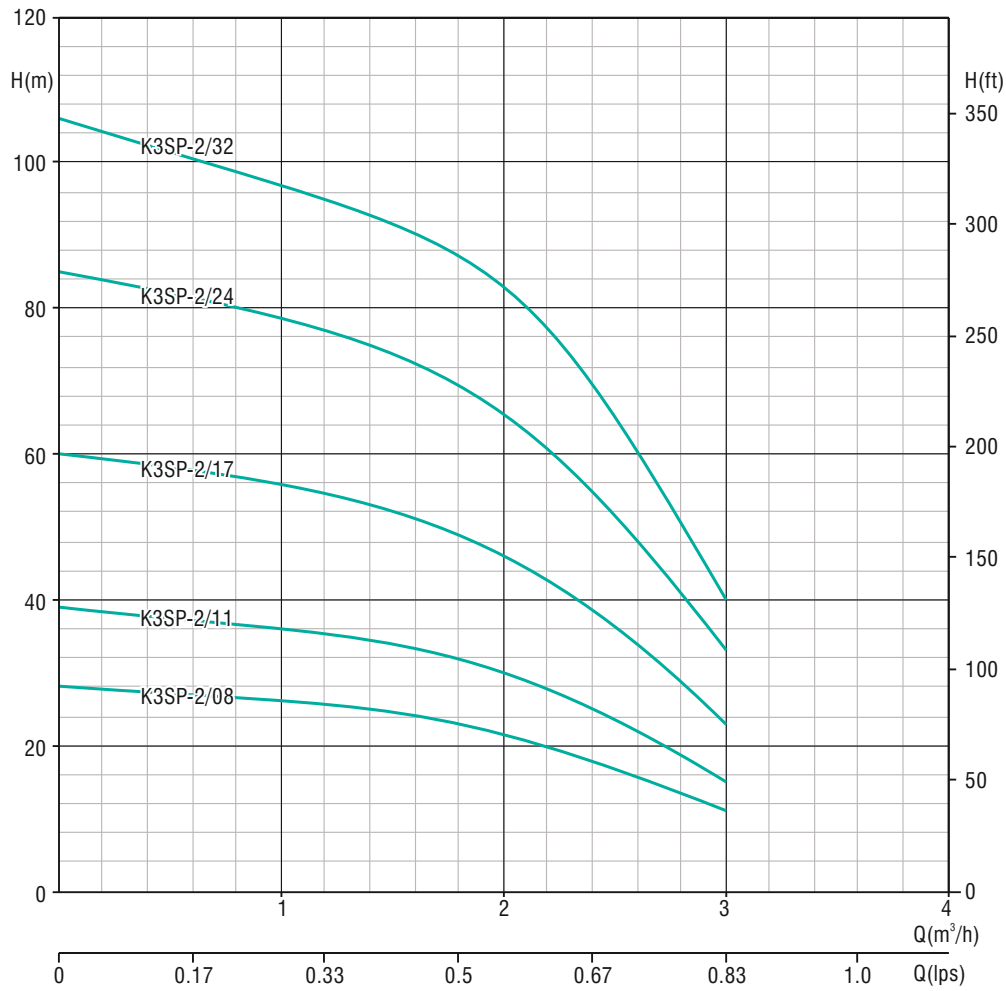
## K3SP-2

Nominal Flow: 2 m<sup>3</sup>/h

Outlet Size: 1 1/4"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	1	1.5	2	2.5	3	Height L (mm)
	kW	HP		0	0.28	0.42	0.55	0.7	0.83	
K3SP-2/08	0.25	0.33	Head (m)	28	26	25	22	17	11	290
K3SP-2/11	0.37	0.5		39	36	34	30	24	15	350
K3SP-2/17	0.55	0.75		60	56	52	46	37	23	470
K3SP-2/24	0.75	1		85	79	74	65	52	33	610
K3SP-2/32	1.1	1.5		106	97	92	83	65	40	770

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

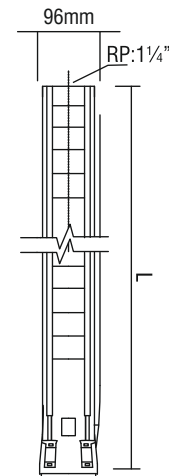
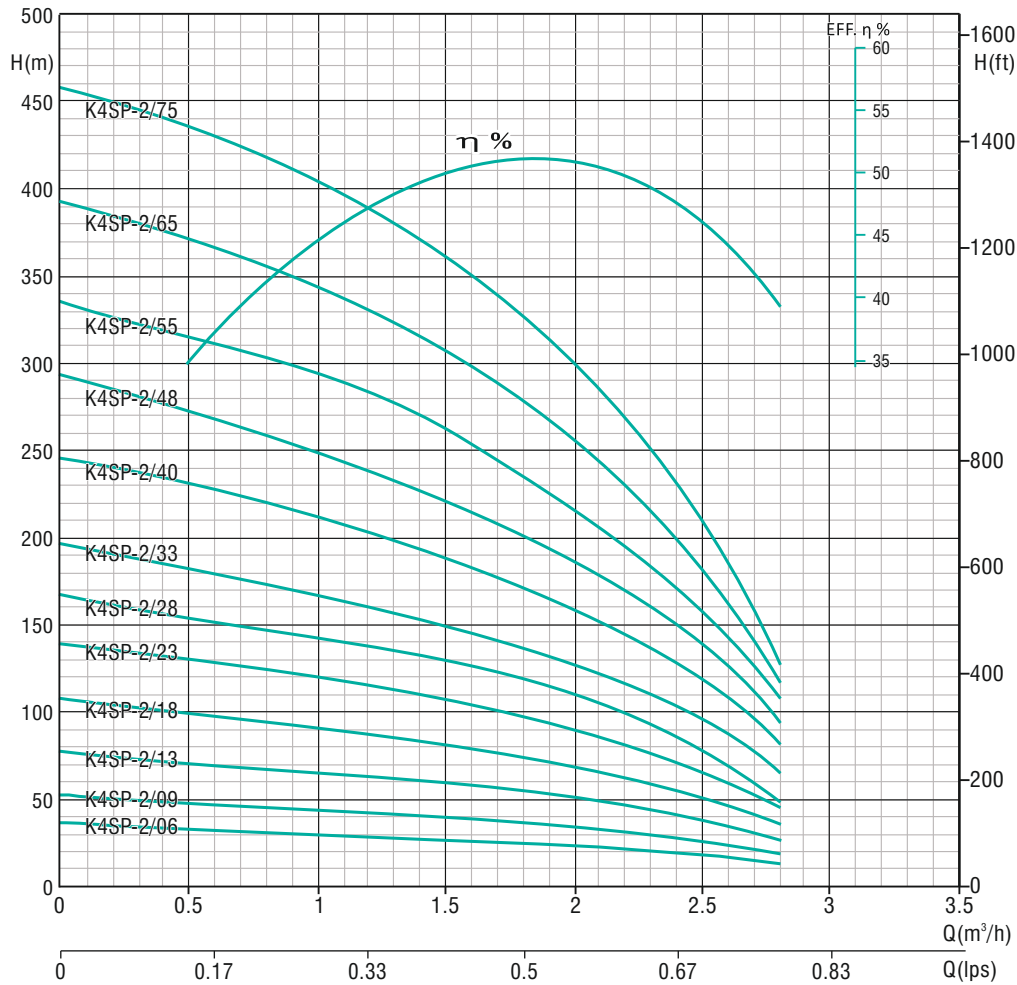
# K4SP-2

Nominal Flow: 2m<sup>3</sup>/h

Outlet Size: 1 1/4"

## Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	0.6	1.2	1.8	2.4	2.8	Height L (mm)
	kW	HP		0	0.17	0.33	0.5	0.67	1.0	
K4SP-2/06	0.37	0.5	Head (m)	37	33	30	27	24	13	281
K4SP-2/09	0.37	0.5		56	50	45	41	36	17	344
K4SP-2/13	0.55	0.75		81	72	65	59	52	26	428
K4SP-2/18	0.75	1		112	99	90	81	72	36	533
K4SP-2/23	1.1	1.5		143	127	115	104	92	47	638
K4SP-2/28	1.5	2		174	154	140	126	112	59	743
K4SP-2/33	1.5	2		205	182	165	149	132	66	848
K4SP-2/40	2.2	3		248	220	198	180	160	81	995
K4SP-2/48	2.2	3		298	264	240	216	192	93	1163
K4SP-2/55	3	4		336	303	275	248	220	109	1310
K4SP-2/65	3	4		394	374	340	279	171	118	1541
K4SP-2/75	4	5.5		458	437	397	328	203	129	1751

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# STAINLESS STEEL SUBMERSIBLE PUMPS

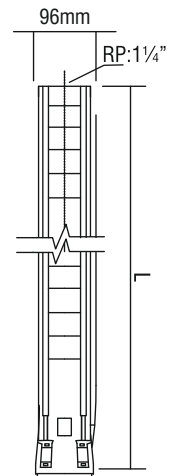
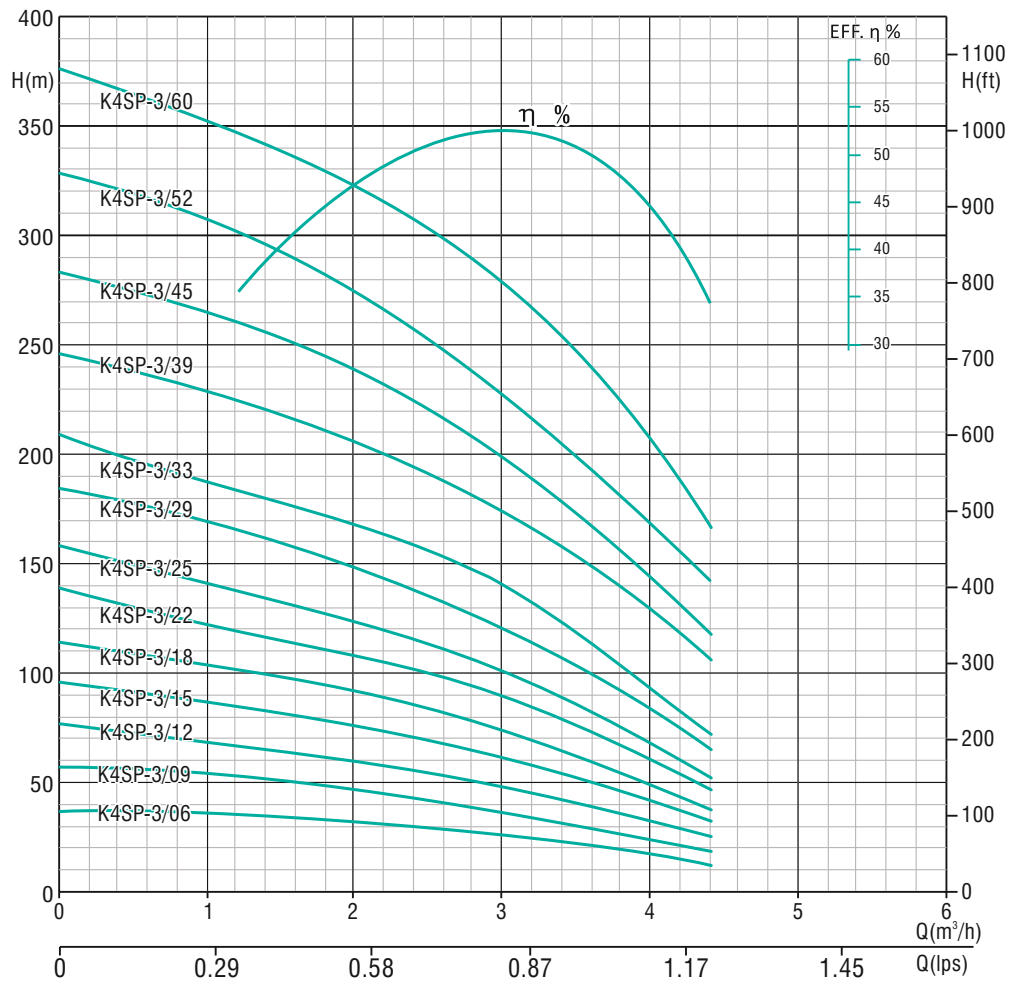
## K4SP-3

Nominal Flow: 3 m<sup>3</sup>/h

Outlet Size: 1 1/4"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	1.2	2.4	3	3.6	4.2	4.4	Height L (mm)
	kW	HP		0	0.33	0.66	0.83	1.0	1.17	1.22	
K4SP-3/06	0.37	0.5	Head(m)	37	33	29	26	23	19	12	281
K4SP-3/09	0.55	0.75		56	50	43	40	35	28	19	344
K4SP-3/12	0.75	1		74	66	58	53	46	37	26	407
K4SP-3/15	1.1	1.5		93	83	72	66	57	47	33	470
K4SP-3/18	1.1	1.5		112	99	86	79	69	56	38	533
K4SP-3/22	1.5	2		136	121	106	97	84	68	47	617
K4SP-3/25	1.5	2		155	138	120	110	96	78	52	680
K4SP-3/29	2.2	3		183	165	138	120	100	74	65	729
K4SP-3/33	2.2	3		198	176	154	141	123	99	72	827
K4SP-3/39	3	4		242	215	187	172	149	121	105	974
K4SP-3/45	3	4		272	242	211	194	169	136	118	1107
K4SP-3/52	4	5.5		328	302	257	229	192	155	141	1303
K4SP-3/60	4	5.5		377	348	308	279	239	189	158	1527

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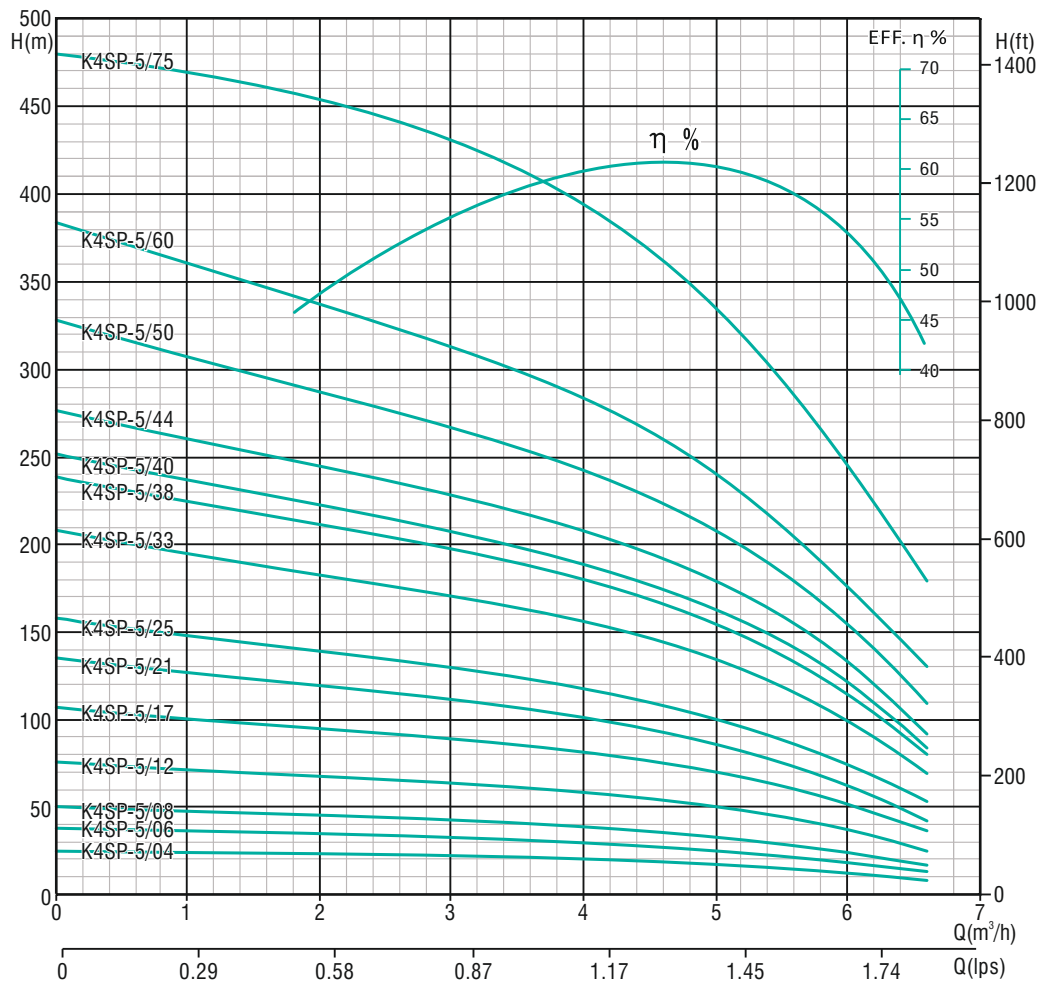
# K4SP-5

Nominal Flow: 5 m<sup>3</sup>/h

Outlet Size: 1 1/2"

## Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	2.4	3.6	4.8	5.4	6	6.6	Height L (mm)
	kW	HP		0	0.67	1.0	1.33	1.25	1.67	1.83	
K4SP-5/04	0.37	0.5	Head(m)	25	21	20	17	15	12	8	239
K4SP-5/06	0.55	0.75		38	32	30	26	23	18	13	281
K4SP-5/08	0.75	1		50	43	40	34	30	24	17	323
K4SP-5/12	1.1	1.5		76	64	60	52	46	37	25	407
K4SP-5/17	1.5	2		107	90	84	73	65	52	36	512
K4SP-5/21	2.2	3		135	117	106	89	78	62	42	595
K4SP-5/25	2.2	3		158	133	124	108	95	76	53	680
K4SP-5/33	3	4		208	176	164	142	125	101	69	848
K4SP-5/38	4	5.5		239	202	188	163	144	116	80	953
K4SP-5/40	4	5.5		252	213	198	172	152	122	84	995
K4SP-5/44	4	5.5		277	234	218	189	167	134	92	1079
K4SP-5/52	5.5	7.5		328	277	258	224	198	159	109	1247
K4SP-5/60	5.5	7.5		384	329	301	242	219	175	130	1440
K4SP-5/75	7.5	10		480	459	423	349	300	240	170	1760

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# STAINLESS STEEL SUBMERSIBLE PUMPS

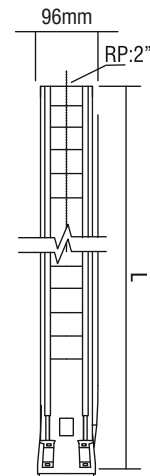
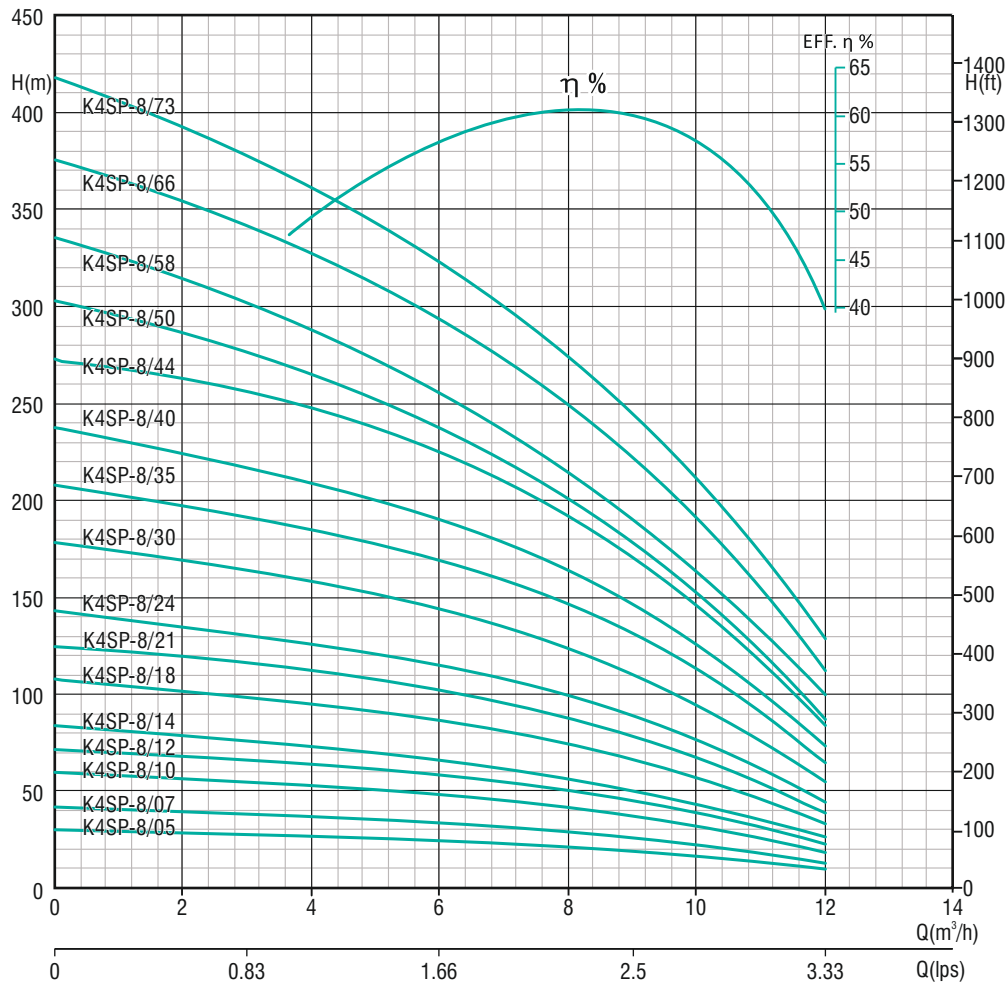
## K4SP-8

Nominal Flow: 8 m<sup>3</sup>/h

Outlet Size: 2"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	3.6	4.8	6.6	8.4	10.2	12	Height L (mm)
	kW	HP		0	1.0	1.33	1.83	2.33	2.83	3.33	
K4SP-8/05	0.75	1	Head(m)	30	27	26	24	21	16	10	292.5
K4SP-8/07	1.1	1.5		41	37	36	33	29	22	12	347.5
K4SP-8/10	1.5	2		60	54	51	47	41	32	18	430
K4SP-8/12	2.2	3		71	64	61	57	50	38	22	485
K4SP-8/15	2.2	3		84	75	71	66	58	44	26	540
K4SP-8/18	3	4		108	97	91	84	74	57	33	650
K4SP-8/21	4	5.5		125	113	107	99	86	66	38	732.5
K4SP-8/25	4	5.5		143	129	122	113	99	76	44	815
K4SP-8/30	5.5	7.5		179	161	153	141	124	95	55	980
K4SP-8/37	5.5	7.5		208	188	179	164	145	111	64	1117.5
K4SP-8/40	7.5	10		238	215	204	188	165	127	73	1255
K4SP-8/44	7.5	10		273	246	233	216	189	145	84	1365
K4SP-8/50	9.5	10		303	265	247	224	190	148	88	1530
K4SP-8/58	9.3	12.5		335	288	369	242	210	163	100	1750
K4SP-8/66	11	15		374	327	304	280	247	190	116	1970
K4SP-8/73	11	15	418	355	335	309	268	208	130	2218	

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

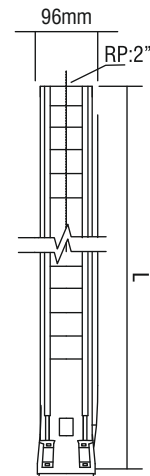
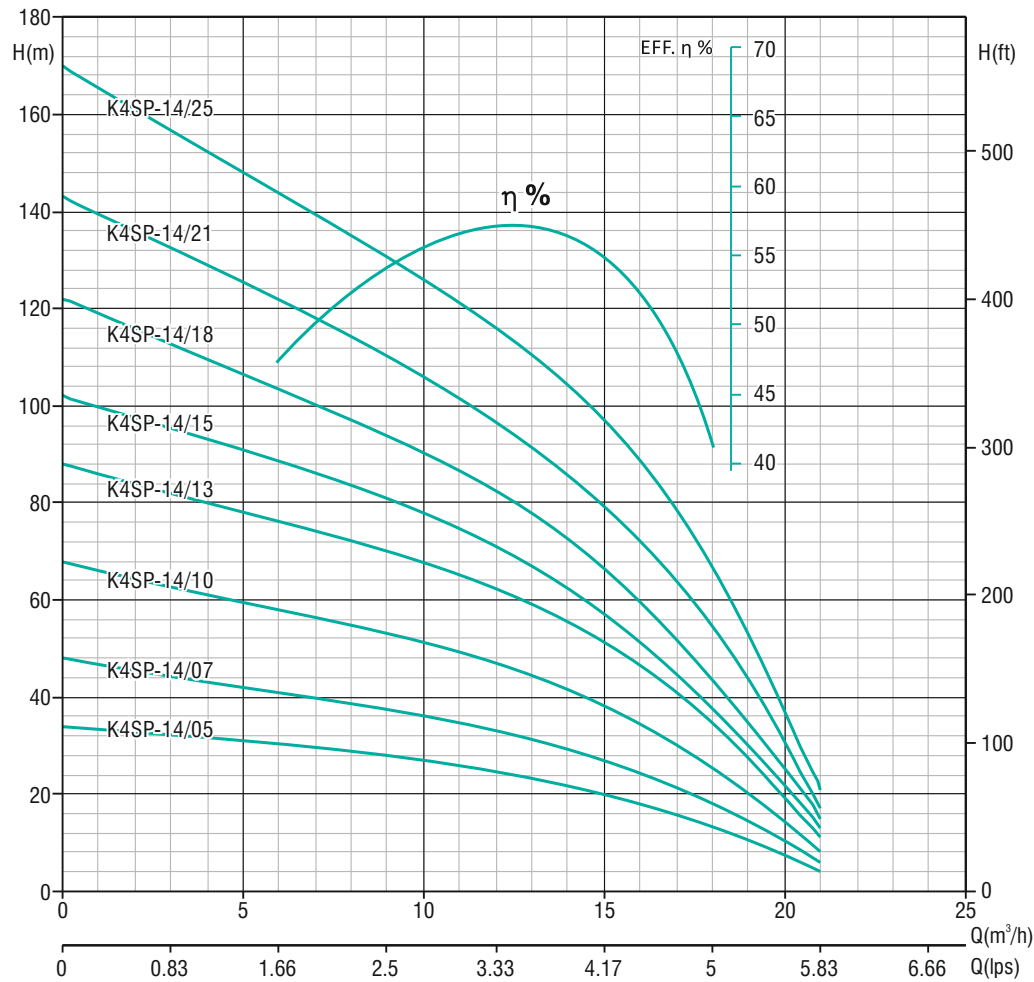
# K4SP-14

Nominal Flow: 14 m<sup>3</sup>/h

Outlet Size: 2"

## Performance Curve

2900 rpm

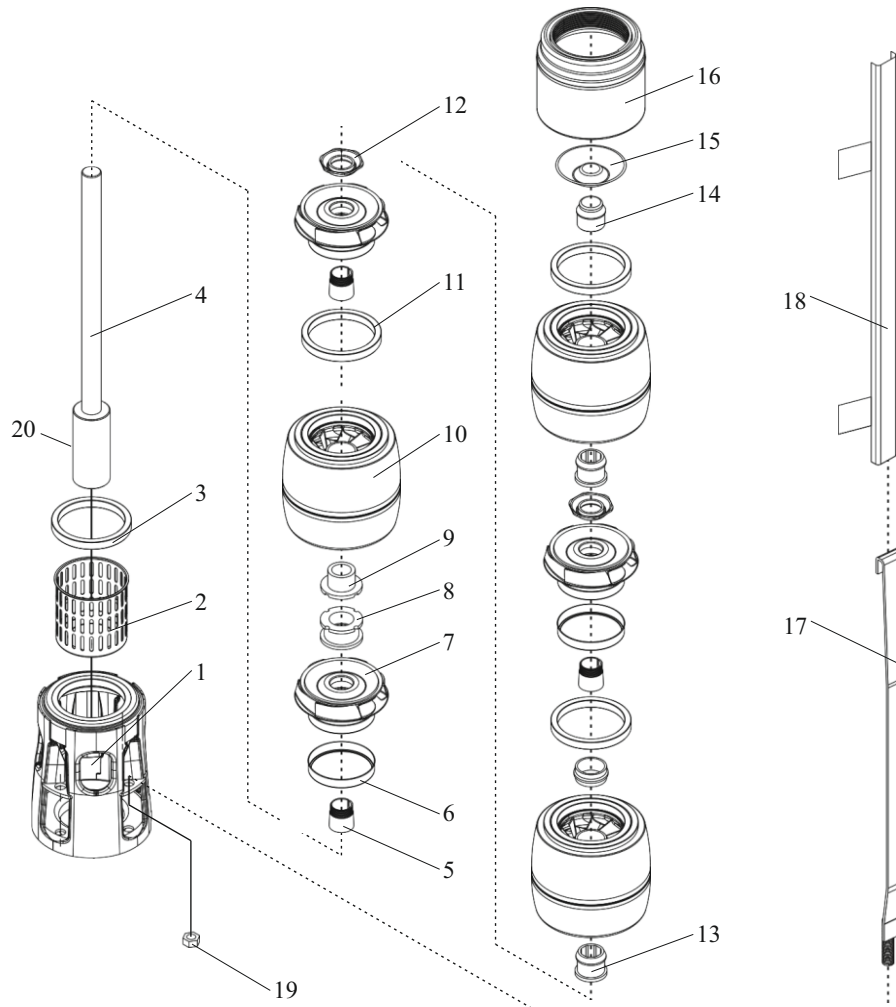


Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	3	6	9	12	15	18	21	Height L (mm)
	kW	HP		0	0.83	1.67	2.5	3.33	4.17	5.0	5.83	
K4SP-14/05	1.5	2	Head (m)	33	31	29	27	24	19	14	4	365
K4SP-14/07	2.2	3		47	43	41	38	33	27	18	6	449
K4SP-14/10	3	4		66	61	58	53	48	39	26	8	575
K4SP-14/13	4	5.5		85	80	75	70	62	49	34	11	701
K4SP-14/15	5.5	7.5		99	92	86	81	72	57	40	13	785
K4SP-14/18	5.5	7.5		118	111	104	96	85	69	48	15	911
K4SP-14/21	7.5	10		139	129	121	113	100	81	55	17	1037
K4SP-14/25	7.5	10		165	153	145	134	119	96	66	21	1205

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# STAINLESS STEEL SUBMERSIBLE PUMPS

## 6" Exploded View: K6SP Models



Part No.	Part Name	Part No.	Part Name
1	Suction Housing	11	Diffuser Wear Ring
2	Strainer	12	Bush Bearing
3	Suction Housing Wear Ring	13	Split Cone Nut
4	Pump Shaft	14	Upper Bearing
5	Split Cone	15	Valve Disc
6	Impeller Wear Ring	16	Discharge housing
7	Impeller	17	Cable Guard
8	Bush CT-Pad	18	Locking Strap
9	Stop Ring	19	Locking Strap Nut
10	Diffuser	20	Coupling

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.



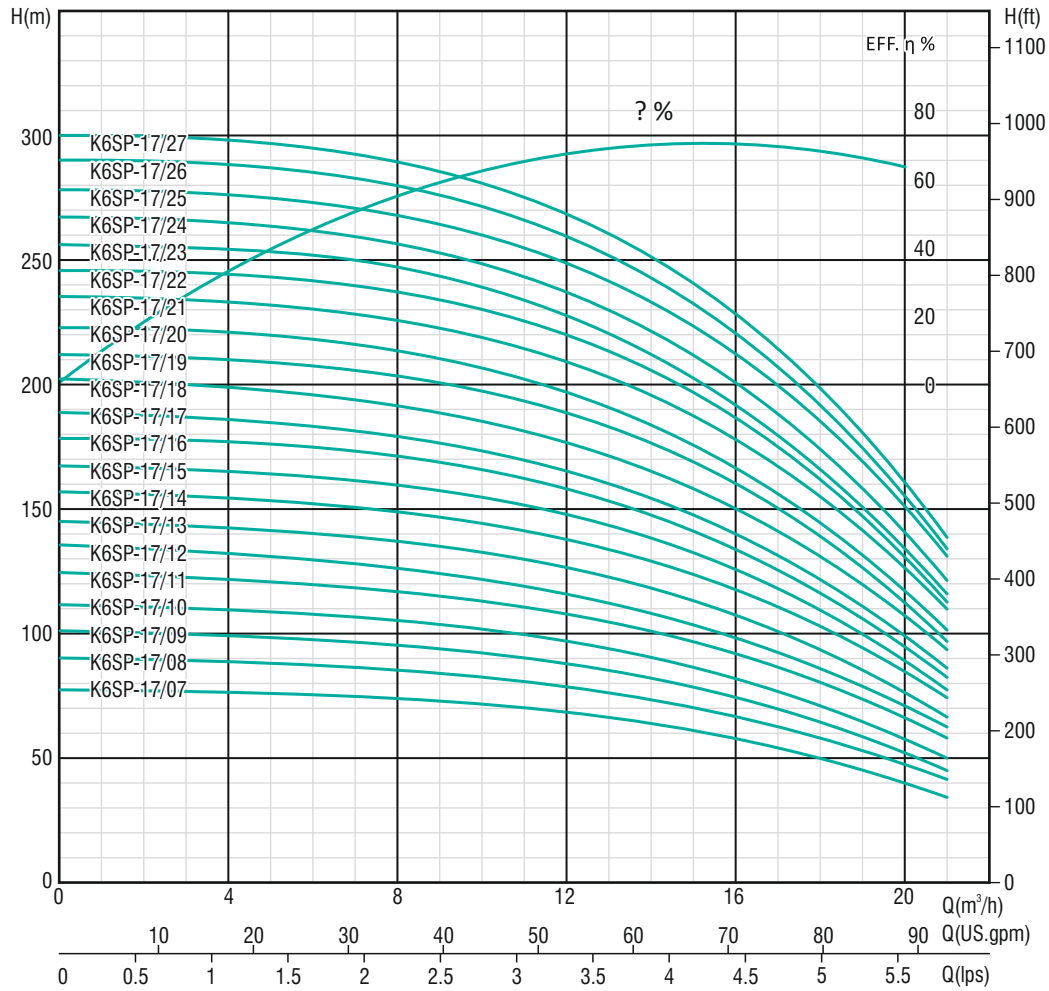
# K6SP-17

Nominal Flow: 17 m<sup>3</sup>/h

Outlet Size: 2½" / 3"\*

## Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	6	8	10	12	14	16	18	20	Height L (mm)	Weight (kg)
	kW	HP		0	1.7	2.2	2.8	3.3	3.9	4.4	5.0	5.6		
K6SP-17/07	4	5.5	Head(m)	78	76	73	71	68	63	58	50	40	693	14
K6SP-17/08	5.5	7.5		90	87	84	82	78	73	67	58	48	753	16
K6SP-17/09	5.5	7.5		100	98	96	92	88	82	75	65	52	814	17
K6SP-17/10	5.5	7.5		110	108	105	101	97	90	82	70	57	874	18
K6SP-17/11	7.5	10		123	119	117	113	107	100	91	80	65	935	20
K6SP-17/12	7.5	10		133	129	127	121	116	108	95	85	70	995	21
K6SP-17/13	7.5	10		145	140	138	132	126	118	107	93	75	1056	23
K6SP-17/14	9.3	12.5		156	152	149	144	137	129	118	102	84	1116	24
K6SP-17/15	9.3	12.5		168	162	159	154	148	138	126	109	89	1177	26
K6SP-17/16	9.3	12.5		179	174	171	166	158	147	133	116	95	1237	27
K6SP-17/17	9.3	12.5		189	183	179	173	166	154	140	121	99	1298	29
K6SP-17/18	11	15		201	196	191	185	176	165	150	130	107	1358	30
K6SP-17/19	11	15		212	207	203	197	188	176	160	139	112	1419	31
K6SP-17/20	11	15		222	218	213	206	197	183	166	144	117	1479	33
K6SP-17/21	13	17.5		234	230	226	218	209	196	177	155	125	1540	34
K6SP-17/22	13	17.5		246	241	237	230	219	205	187	161	130	1600	36
K6SP-17/23	13	17.5		256	252	247	239	228	212	192	166	133	1661	37
K6SP-17/24	13	17.5	266	262	256	248	237	221	200	173	140	1721	39	
K6SP-17/25	15	20	279	273	268	260	248	233	211	184	150	1782	40	
K6SP-17/26	15	20	290	284	280	271	259	243	220	191	155	1842	42	
K6SP-17/27	15	20	300	295	289	280	268	251	228	199	160	1903	43	

\*Optional outlet size, on request.

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# STAINLESS STEEL SUBMERSIBLE PUMPS

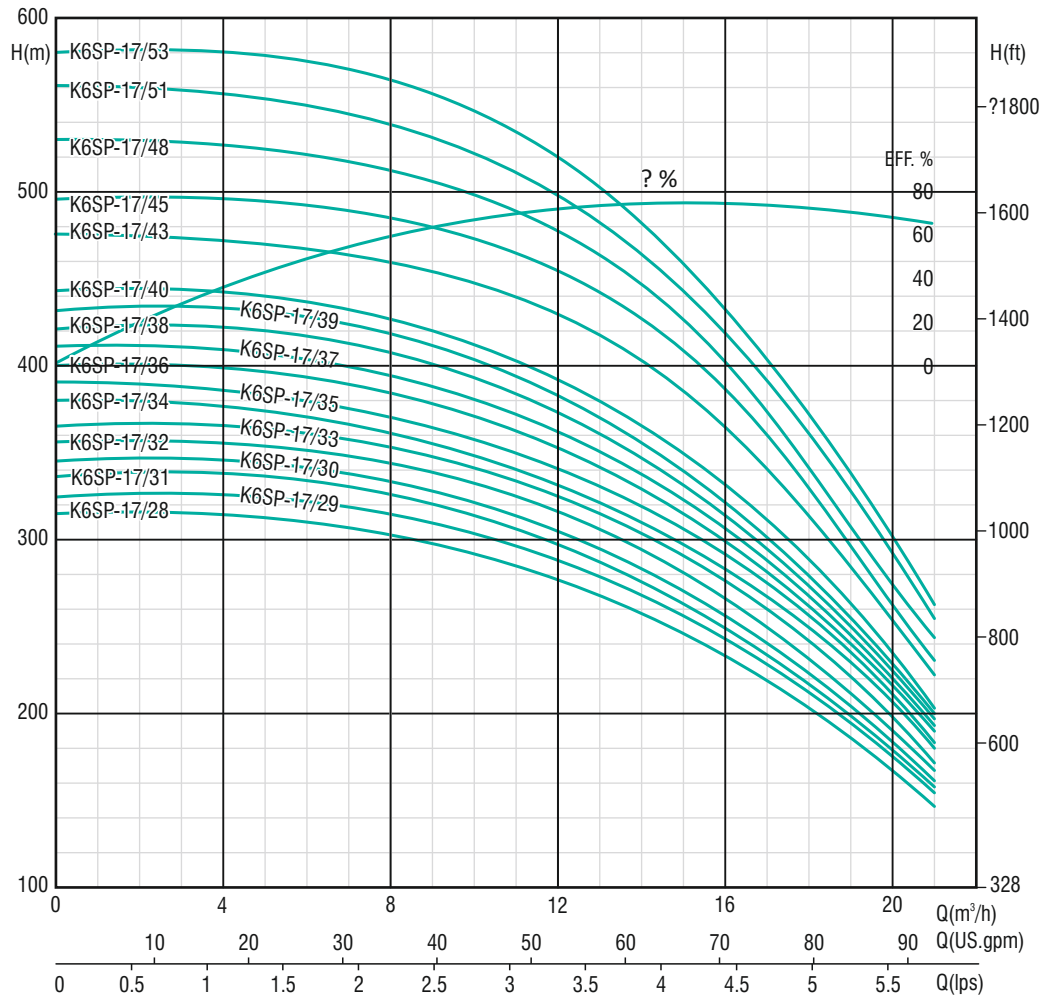
## K6SP-17

Nominal Flow: 17 m<sup>3</sup>/h

Outlet Size: 2½"/3"\*

### Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)						Height L (mm)	Weight (kg)	
	kW	HP		0	8	12	14	16	18			20
K6SP-17/28	18.5	25	0	314	303	276	254	234	202	166	1963	45
K6SP-17/29	18.5	25	2.2	325	314	290	268	242	211	171	2024	46
K6SP-17/30	18.5	25	3.3	336	325	298	274	248	218	177	2084	47
K6SP-17/31	18.5	25	3.9	346	334	304	283	257	224	182	2145	49
K6SP-17/32	18.5	25	4.4	356	344	314	292	266	230	188	2205	50
K6SP-17/33	18.5	25	5.0	365	354	324	304	276	241	194	2266	52
K6SP-17/34	22	30	5.6	380	360	331	310	283	247	200	2326	53
K6SP-17/35	22	30	6.2	390	368	341	319	291	256	205	2387	55
K6SP-17/36	22	30	6.8	400	384	352	328	300	261	211	2447	56
K6SP-17/37	22	30	7.4	410	395	363	338	307	267	217	2508	58
K6SP-17/38	22	30	8.0	420	407	371	347	314	273	223	2568	59
K6SP-17/39	22	30	8.6	430	418	382	355	321	280	229	2629	60
K6SP-17/40	22	30	9.2	442	426	390	365	330	289	235	2689	62
K6SP-17/43	26	35	10.4	476	459	429	402	363	311	254	2750	63
K6SP-17/45	26	35	11.0	496	485	454	426	385	329	262	2810	65
K6SP-17/48	26	35	12.2	530	513	477	446	401	340	274	2871	68
K6SP-17/51	30	40	13.4	560	538	497	464	418	360	292	3054	70
K6SP-17/53	30	40	14.0	580	564	520	480	432	370	302	3176	72

\*Optional outlet size, on request.

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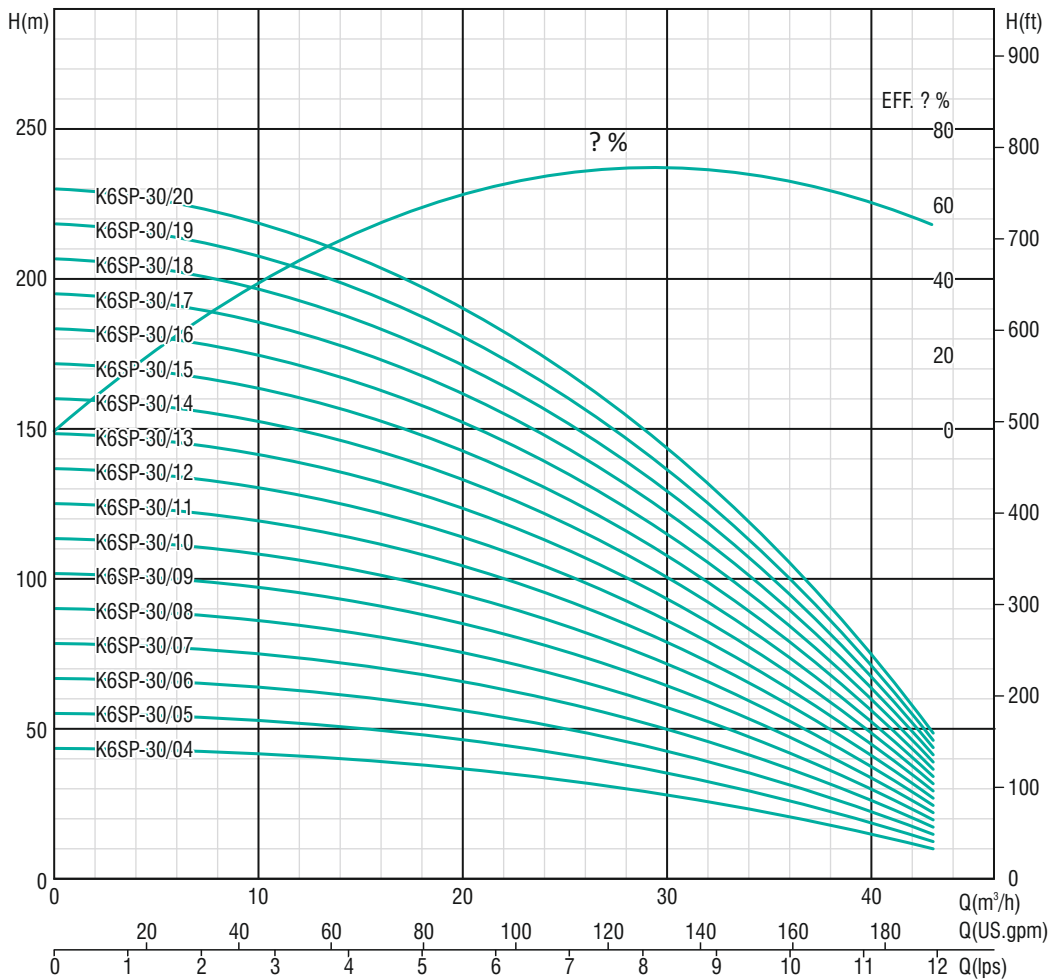
# K6SP-30

Nominal Flow: 30 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	14.4	21.6	28.8	36	43.2	Height L (mm)	Weight (kg)
	kW	HP		0	4	6	8	10	12		
K6SP-30/04	4	5.5	Head (m)	43	39	35	29	20	10	649	13
K6SP-30/05	5.5	7.5		55	50	45	37	25	12	744	15
K6SP-30/06	5.5	7.5		67	60	54	44	31	15	839	17
K6SP-30/07	7.5	10		78	71	63	52	36	17	934	19
K6SP-30/08	7.5	10		90	82	73	59	42	19	1029	21
K6SP-30/09	9.3	12.5		101	93	82	67	47	22	1124	23
K6SP-30/10	9.3	12.5		112	103	92	75	52	24	1219	25
K6SP-30/11	9.3	12.5		124	113	101	83	57	24	1314	27
K6SP-30/12	11	15		137	124	110	90	62	29	1409	29
K6SP-30/13	11	15		148	134	120	98	68	31	1504	31
K6SP-30/14	13	17.5		160	146	129	105	73	34	1599	33
K6SP-30/15	13	17.5		171	156	139	112	78	36	1694	36
K6SP-30/16	15	20		183	166	147	120	83	39	1789	38
K6SP-30/17	15	20		194	176	157	128	89	42	1884	40
K6SP-30/18	18.5	25		207	187	166	135	94	44	1979	42
K6SP-30/19	18.5	25		218	198	175	143	100	47	2074	44
K6SP-30/20	18.5	25		229	208	185	151	105	49	2169	46

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# STAINLESS STEEL SUBMERSIBLE PUMPS

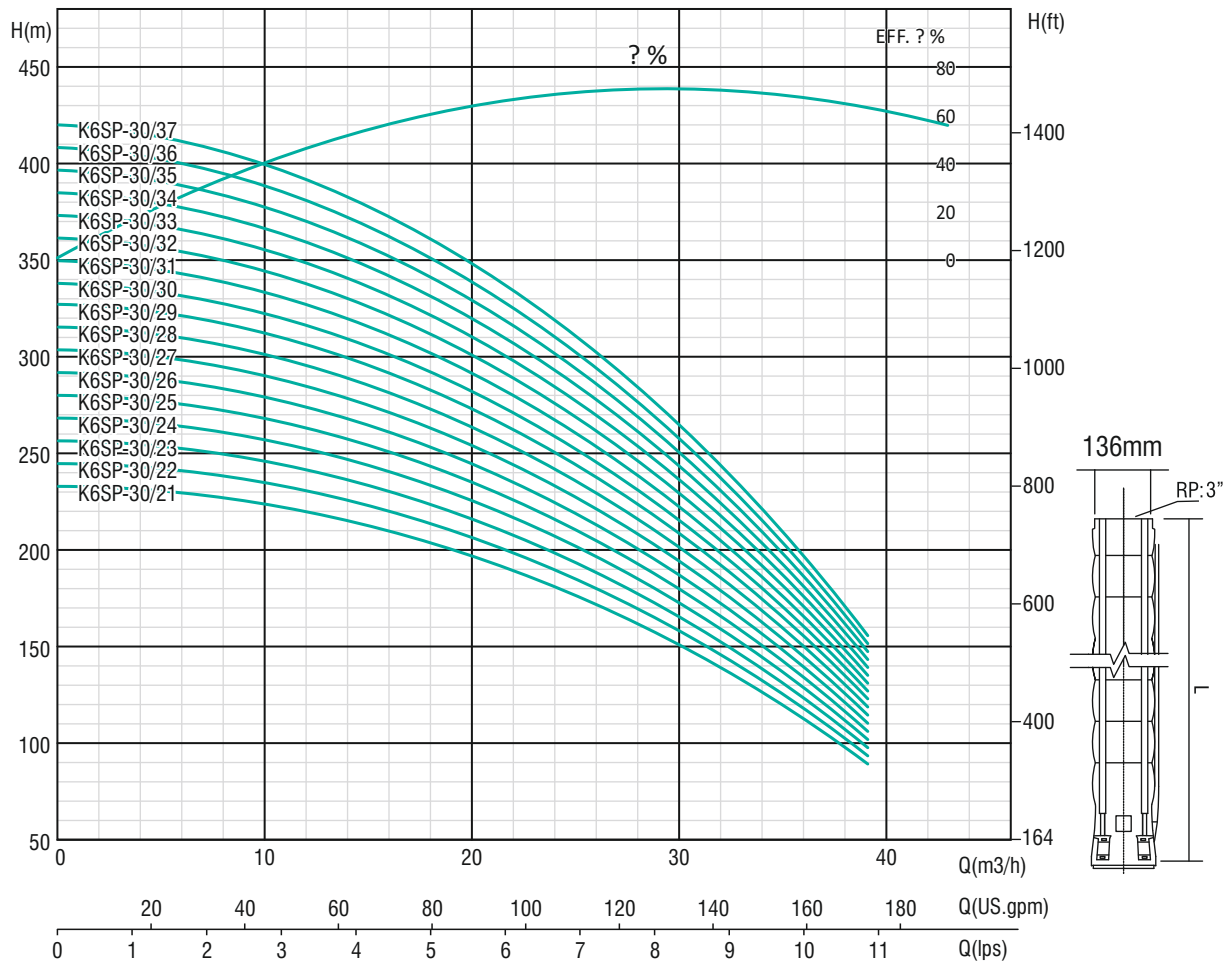
## K6SP-30

Nominal Flow: 30 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	14.4	21.6	28.8	36.0	39	Height L (mm)	Weight (kg)
	kW	HP		0	4	6	8	10	10.8		
K6SP-30/21	18.5	25	Head (m)	232	213	190	153	102	89	2264	48
K6SP-30/22	22	30		244	223	200	165	108	93	2359	50
K6SP-30/23	22	30		257	233	210	172	113	97	2454	52
K6SP-30/24	22	30		268	243	219	180	119	101	2549	54
K6SP-30/25	22	30		280	254	228	188	125	105	2644	56
K6SP-30/26	22	30		291	265	238	196	130	109	2739	58
K6SP-30/27	26	35		302	275	247	203	136	113	2834	60
K6SP-30/28	26	35		314	286	255	211	142	117	2929	63
K6SP-30/29	26	35		327	297	264	219	148	122	3024	65
K6SP-30/30	26	35		339	306	273	225	154	126	3119	67
K6SP-30/31	26	35		350	317	282	232	159	130	3214	69
K6SP-30/32	30	40		360	328	291	240	165	135	3309	71
K6SP-30/33	30	40		372	338	300	248	172	139	3404	73
K6SP-30/34	30	40		383	345	310	254	178	144	3499	75
K6SP-30/35	30	40		397	358	319	261	185	148	3594	77
K6SP-30/36	37	50		408	369	328	269	192	152	3689	79
K6SP-30/37	37	50		420	379	338	277	197	157	3784	81

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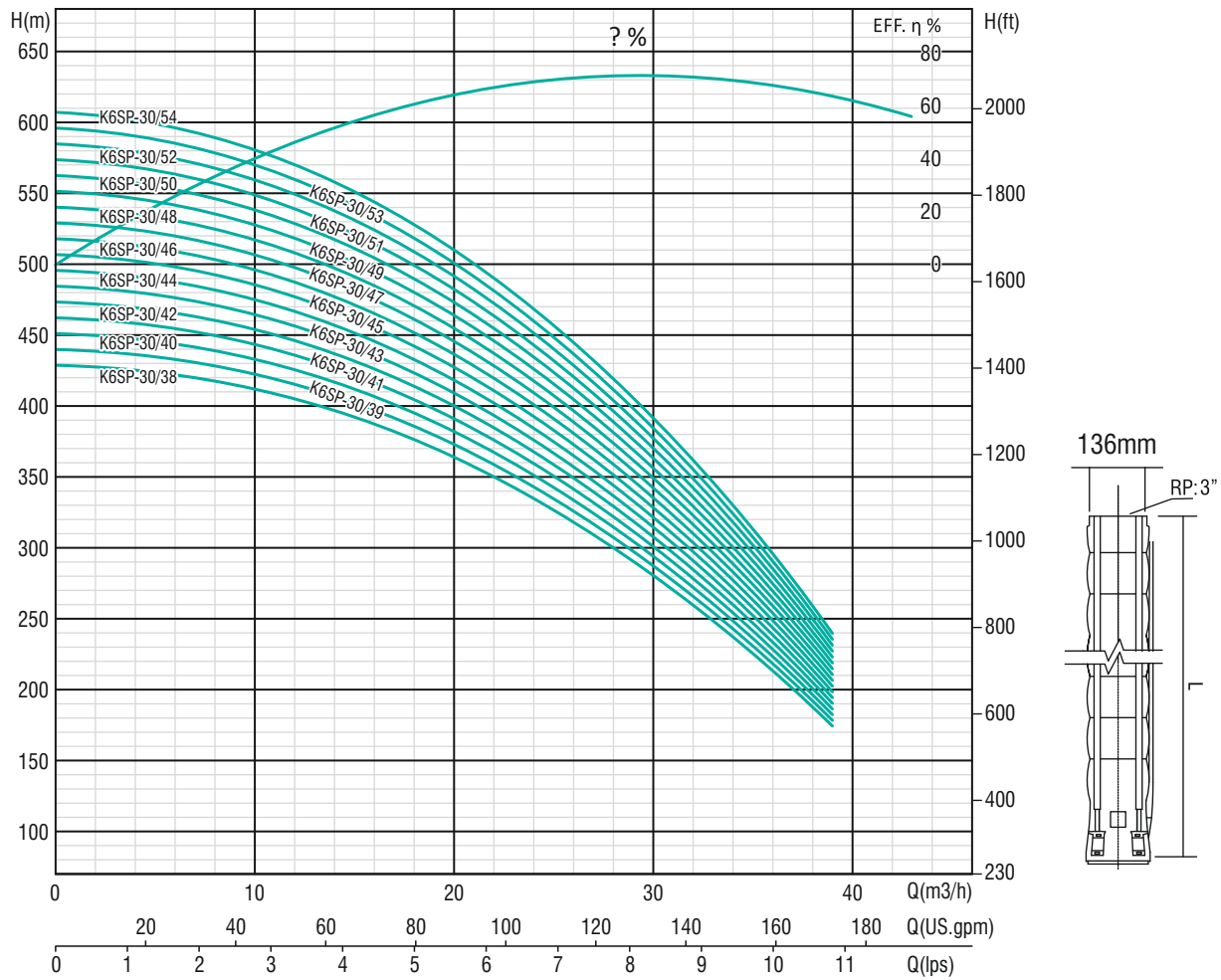
# K6SP-30

Nominal Flow: 30 m<sup>3</sup>/h

Outlet Size: 3"

## Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	14.4	21.6	28.8	36	39	Height L (mm)	Weight (kg)
	kW	HP		0	4	6	8	10	10.8		
K6SP-30/38	37	50	Head(m)	430	394	355	292	211	173	3879	83
K6SP-30/39	37	50		440	404	464	299	216	177	3974	124
K6SP-30/40	37	50		450	414	373	306	221	181	4069	126
K6SP-30/41	37	50		460	424	382	314	227	185	4164	129
K6SP-30/42	37	50		471	434	391	321	232	190	4259	132
K6SP-30/43	37	50		482	444	400	328	237	194	4354	134
K6SP-30/44	45	60		494	454	409	335	242	198	4449	137
K6SP-30/45	45	60		506	465	418	343	248	202	4544	139
K6SP-30/46	45	60		517	475	427	350	253	208	4639	142
K6SP-30/47	45	60		529	485	436	357	258	213	4734	145
K6SP-30/48	45	60		540	495	445	364	264	217	4829	147
K6SP-30/49	45	60		550	505	454	372	269	221	4924	150
K6SP-30/50	55	75		560	515	463	379	275	225	5019	152
K6SP-30/51	55	75		572	525	472	386	280	229	5114	155
K6SP-30/52	55	75		584	535	481	393	285	234	5209	158
K6SP-30/53	55	75		597	546	491	401	291	238	5304	160
K6SP-30/54	55	75		608	556	501	408	297	242	5399	163

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# STAINLESS STEEL SUBMERSIBLE PUMPS

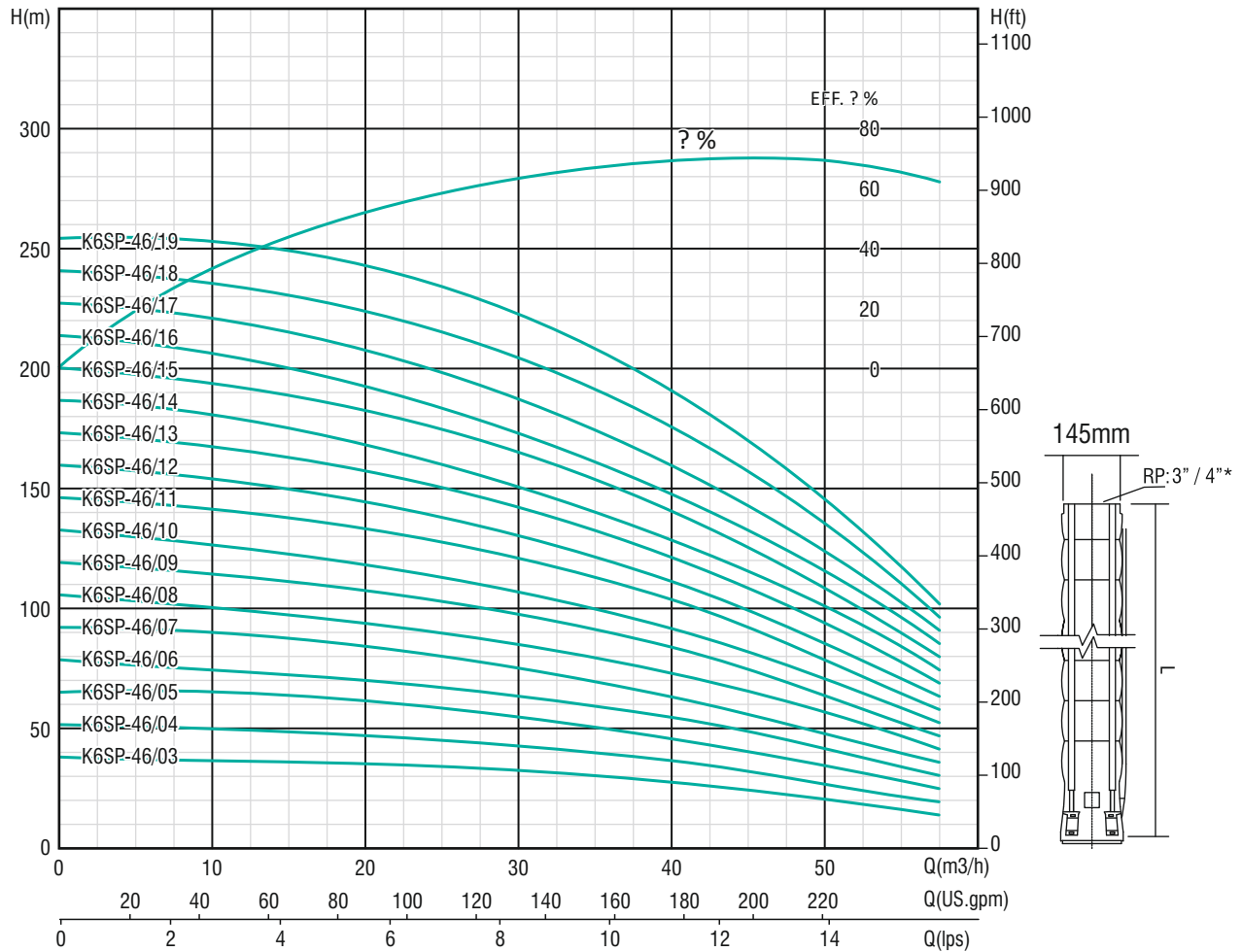
## K6SP-46

Nominal Flow: 46 m<sup>3</sup>/h

Outlet Size: 3" / 4"\*

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	28.8	36	46.8	58	Height L (mm)	Weight (kg)
	kW	HP		0	8	10	13	16.1		
K6SP-46/03	5.5	7.5	Head(m)	37	34	30	23	13	606	12
K6SP-46/04	7.5	10		51	43	40	31	18	718	15
K6SP-46/05	7.5	10		64	57	50	38	23	830	18
K6SP-46/06	9.3	12.5		78	64	59	47	28	942	20
K6SP-46/07	11	15		90	77	69	55	34	1054	23
K6SP-46/08	13	17.5		104	87	78	64	39	1166	26
K6SP-46/09	15	20		119	100	90	73	44	1278	28
K6SP-46/10	15	20		131	109	99	80	49	1390	31
K6SP-46/11	18.5	25		146	123	111	89	56	1502	34
K6SP-46/12	18.5	25		160	132	120	97	62	1614	36
K6SP-46/13	22	30		172	145	131	106	68	1726	39
K6SP-46/14	22	30		186	155	141	116	73	1838	42
K6SP-46/15	22	30		200	170	152	123	78	1950	44
K6SP-46/16	26	35		213	177	160	132	85	2062	47
K6SP-46/17	26	35		227	187	169	139	90	2174	49
K6SP-46/18	30	40		239	203	185	152	96	2286	52
K6SP-46/19	30	40		253	228	207	162	102	2398	55

\*Optional outlet size, on request.

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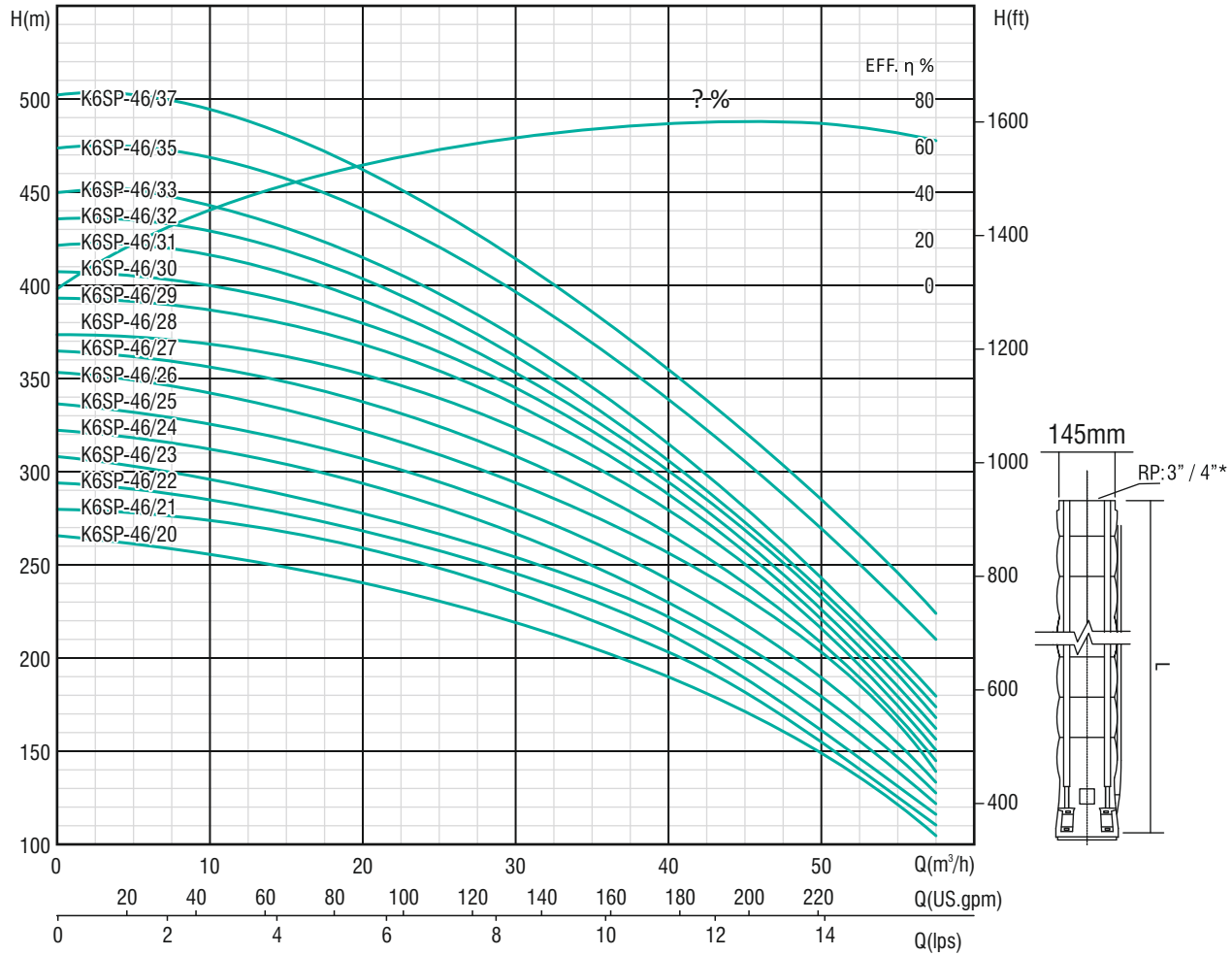
# K6SP-46

Nominal Flow: 46 m<sup>3</sup>/h

Outlet Size: 3" / 4"\*

## Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)					Height L (mm)	Weight (kg)
	kW	HP		0	28.8	36	46.8	58		
K6SP-46/20	30	40	0	264	222	204	167	104	2510	57
K6SP-46/21	37	50	8	280	239	218	175	110	2622	60
K6SP-46/22	37	50	10	293	250	229	182	116	2734	63
K6SP-46/23	37	50	13	309	259	238	191	121	2846	65
K6SP-46/24	37	50	16.1	321	270	248	200	127	2958	68
K6SP-46/25	45	60	0	336	283	260	210	133	3070	71
K6SP-46/26	45	60	8	352	298	272	220	139	3182	73
K6SP-46/27	45	60	10	363	312	287	231	144	3294	76
K6SP-46/28	45	60	13	373	328	301	240	150	3406	79
K6SP-46/29	45	60	16.1	392	341	311	249	156	3518	81
K6SP-46/30	45	60	0	408	350	319	253	162	3630	84
K6SP-46/31	55	75	8	421	358	325	260	167	3742	86
K6SP-46/32	55	75	10	435	368	332	263	173	3854	89
K6SP-46/33	55	75	13	450	379	341	271	180	3966	92
K6SP-46/35	55	75	16.1	473	401	365	296	210	4078	95
K6SP-46/37	63	85	0	502	422	387	310	225	4190	98

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# STAINLESS STEEL SUBMERSIBLE PUMPS

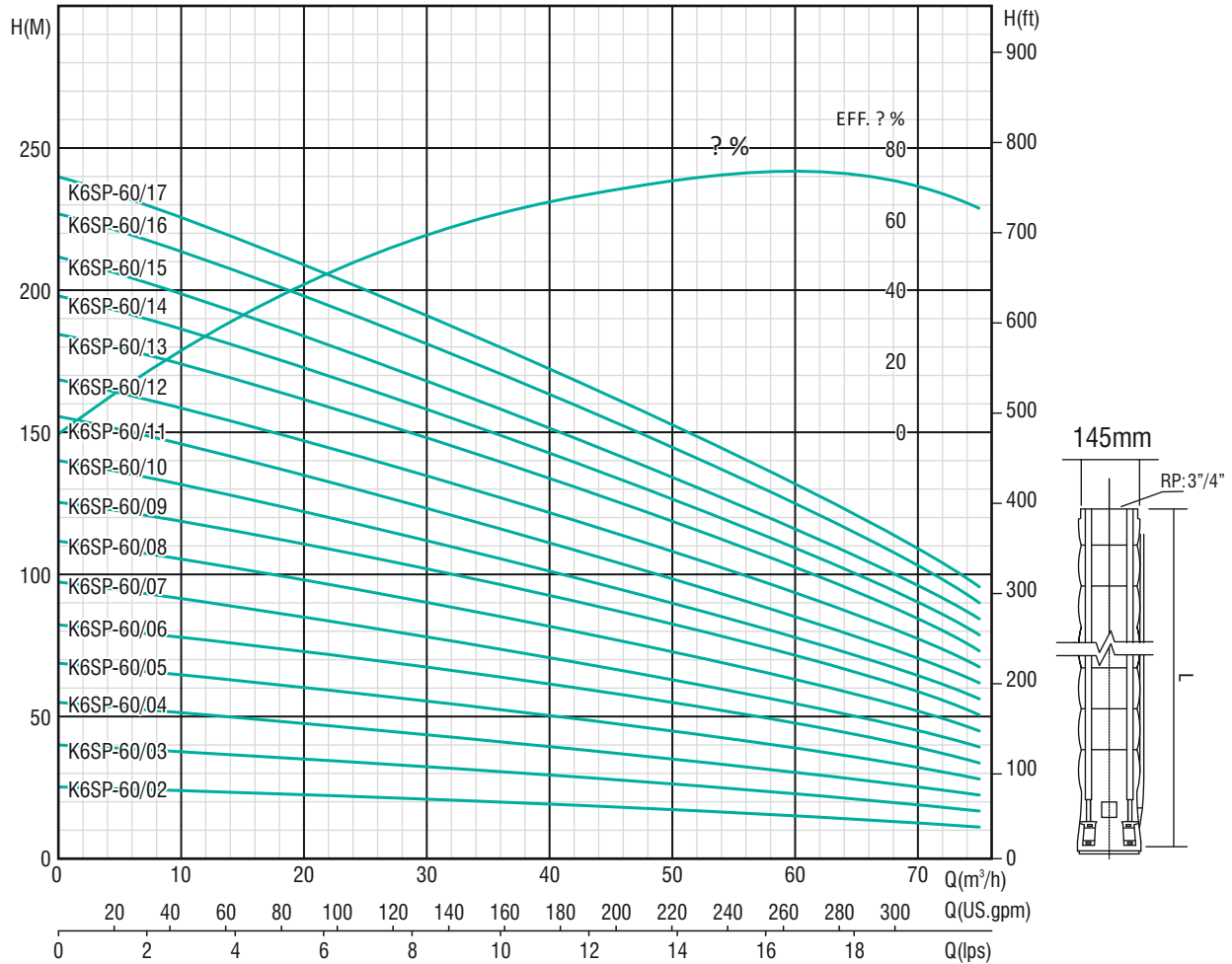
## K6SP-60

Nominal Flow: 60 m<sup>3</sup>/h

Outlet Size: 3"/4"\*

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)						Height L (mm)	Weight (kg)	
	kW	HP		0	20	40	50	60	70			75
K6SP-60/02	4	5.5	0	25	22	19	17	14	12	11	494	10
K6SP-60/03	5.5	7.5	20	40	35	29	26	22	18	16	606	12
K6SP-60/04	7.5	10	40	54	48	39	35	30	24	21	718	15
K6SP-60/05	9.3	12.5	60	69	60	50	44	38	30	26	830	18
K6SP-60/06	11	15	80	82	72	61	54	45	36	31	942	20
K6SP-60/07	13	17.5	100	97	85	70	62	53	43	37	1054	23
K6SP-60/08	15	20	120	111	98	81	72	61	49	42	1166	26
K6SP-60/09	18.5	25	140	124	110	92	82	71	55	47	1278	28
K6SP-60/10	18.5	25	160	140	122	101	90	78	61	52	1390	31
K6SP-60/11	22	30	180	155	134	111	99	84	67	57	1502	34
K6SP-60/12	22	30	200	167	147	121	108	93	74	63	1614	36
K6SP-60/13	26	35	220	183	161	133	118	102	80	69	1726	39
K6SP-60/14	26	35	240	198	172	143	126	110	86	74	1838	42
K6SP-60/15	26	35	260	211	183	151	134	116	92	80	1950	44
K6SP-60/16	30	40	280	227	198	163	144	125	99	86	2062	47
K6SP-60/17	30	40	300	240	204	172	153	132	109	92	2174	50

\*Optional outlet size, on request.

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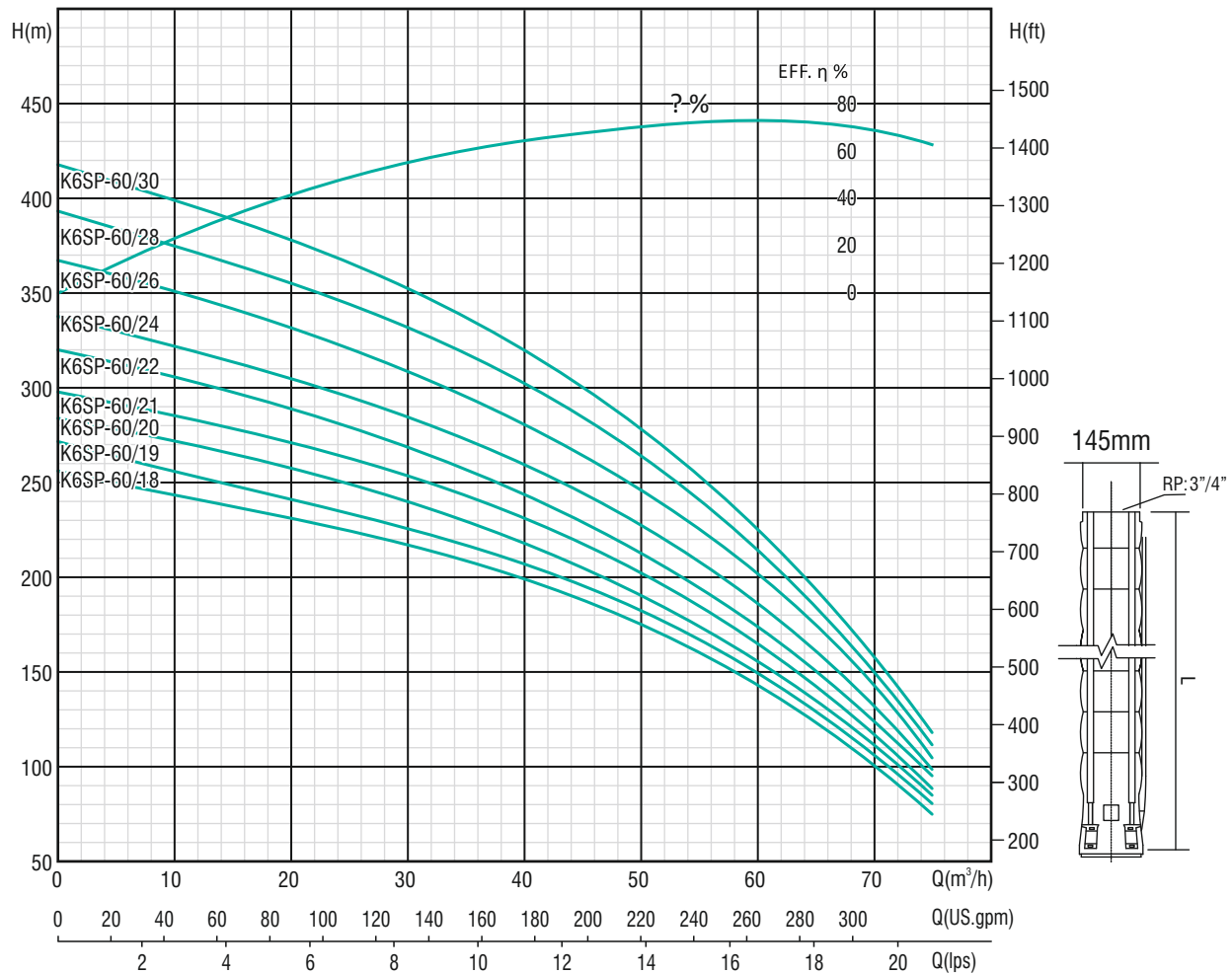
# K6SP-60

Nominal Flow: 60 m<sup>3</sup>/h

Outlet Size: 3”/4”

## Performance Curve

2900 rpm

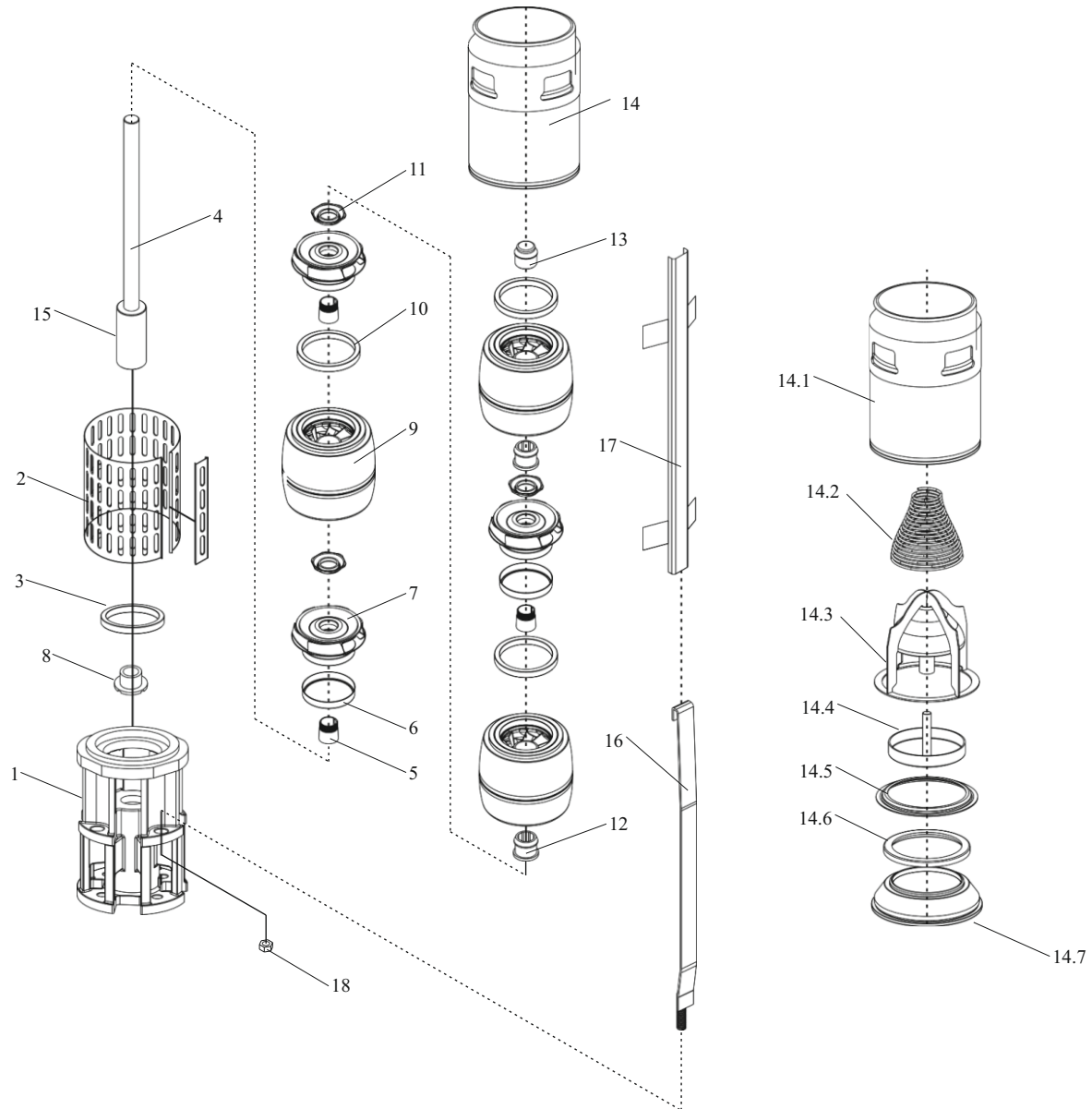


Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)						Height L (mm)	Weight (kg)
	kW	HP		0	30	43	58	72	76		
K6SP-60/18	37	50	0	254	217	192	150	90	73	2286	52
K6SP-60/19	37	50	8.3	269	225	200	156	96	79	2398	55
K6SP-60/20	37	50	11.9	282	239	209	162	102	85	2510	58
K6SP-60/21	37	50	16.2	298	252	222	172	108	91	2622	60
K6SP-60/22	45	60	20	319	268	233	181	115	97	2734	63
K6SP-60/24	45	60	21.1	338	283	250	193	121	103	2958	68
K6SP-60/26	55	75		368	308	270	210	127	109	3182	73
K6SP-60/28	55	75		392	331	281	223	133	115	3406	79
K6SP-60/30	55	75		418	352	309	245	140	120	3630	84

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# STAINLESS STEEL SUBMERSIBLE PUMPS

## 8" & 10" Exploded View: K8SP & K10SP Models



Part No.	Part Name
1	Suction Housing
2	Strainer
3	Suction Housing Wear Ring
4	Pump Shaft
5	Split Cone
6	Impeller Wear Ring
7	Impeller
8	Up Thrust Bush
9	Diffuser
10	Diffuser Wear Ring
11	Split Cone Nut
12	Bush Bearing
13	Upper Bearing

Part No.	Part Name
14	Discharge Housing Assembly
14.1	Discharge Housing
14.2	Check Valve Spring
14.3	Check Valve Guide
14.4	Check Valve Disc
14.5	Seat Retainer
14.6	Check Valve Seat
14.7	Seat Retainer
15	Coupling
16	Locking Strap
17	Cable Guard
18	Locking Strap Nut

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

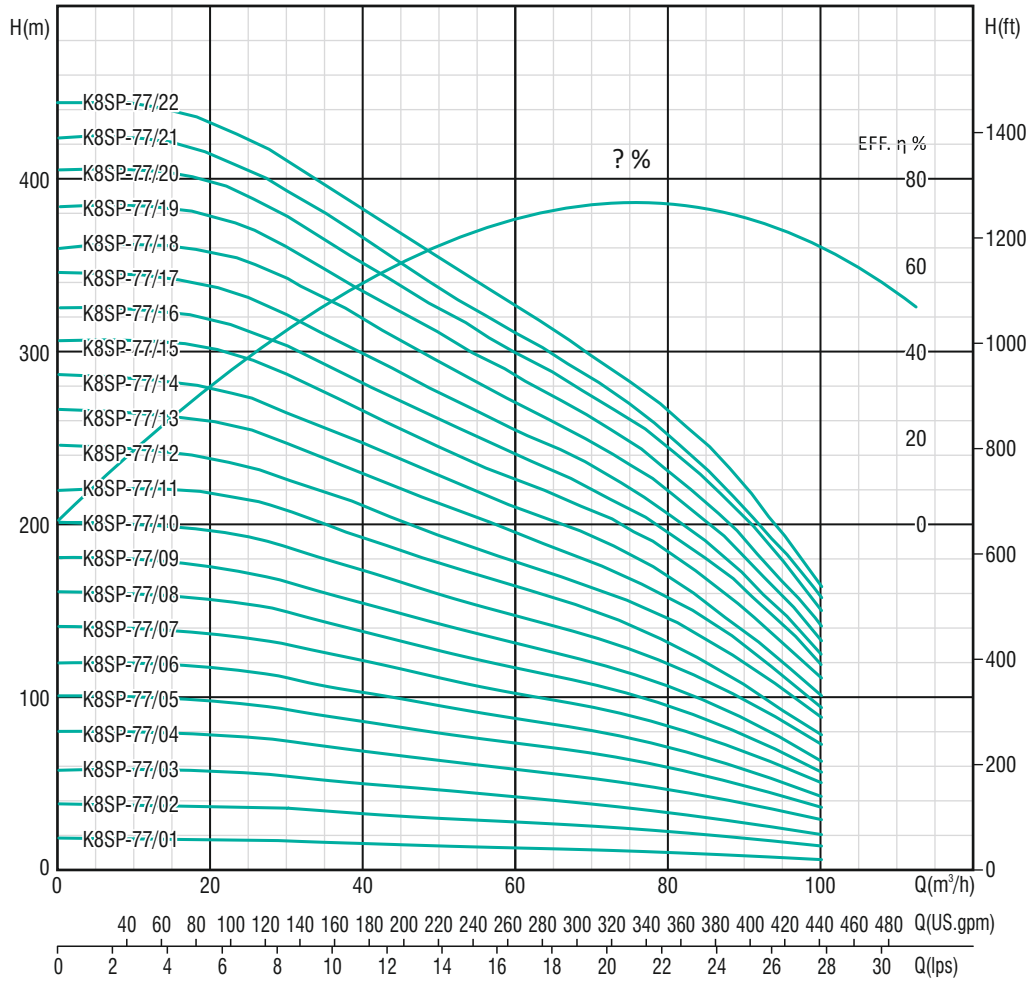
# K8SP-77

Nominal Flow: 77 m<sup>3</sup>/h

Outlet Size: 5"/4"\*

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	57.6	64.8	72	79.2	86.4	96	Height L (mm)	Weight (kg)
	kW	HP		0	16	18	20	22	24	26.7		
K8SP-77/01	5.5	7.5	Head(m)	19	18	15	14	13	11	6	571	26
K8SP-77/02	7.5	10		38	37	33	30	28	23	14	699	30
K8SP-77/03	11	15		58	58	50	46	42	33	21	827	34
K8SP-77/04	15	20		80	79	69	64	58	47	30	955	38
K8SP-77/05	18.5	25		101	98	86	79	74	59	36	1083	42
K8SP-77/06	22	30		120	117	103	95	88	71	43	1211	46
K8SP-77/07	26	35		141	137	121	111	102	83	71	1339	50
K8SP-77/08	30	40		161	156	138	127	117	95	57	1467	54
K8SP-77/09	30	40		181	176	154	142	131	106	63	1595	58
K8SP-77/10	37	50		201	196	173	159	147	119	73	1723	62
K8SP-77/11	45	60		217	216	190	176	162	131	77	1851	66
K8SP-77/12	45	60		243	236	208	191	177	144	88	1979	70
K8SP-77/13	55	75		264	257	227	210	193	156	93	2107	74
K8SP-77/14	55	75		284	276	244	225	208	168	100	2235	78
K8SP-77/15	55	75		303	299	263	242	223	183	110	2363	82
K8SP-77/16	63	85		322	315	279	258	238	194	118	2491	86
K8SP-77/17	63	85		342	335	296	273	252	204	124	2619	89
K8SP-77/18	63	85		356	354	316	291	268	217	132	2747	93
K8SP-77/19	75	100		380	375	331	307	283	229	140	2875	97
K8SP-77/20	75	100		403	394	345	321	296	241	149	3003	101
K8SP-77/21	75	100		419	409	367	334	308	249	156	3131	105
K8SP-77/22	93	125		439	428	379	349	323	264	163	3259	109

\*Optional outlet size, on request.

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# STAINLESS STEEL SUBMERSIBLE PUMPS

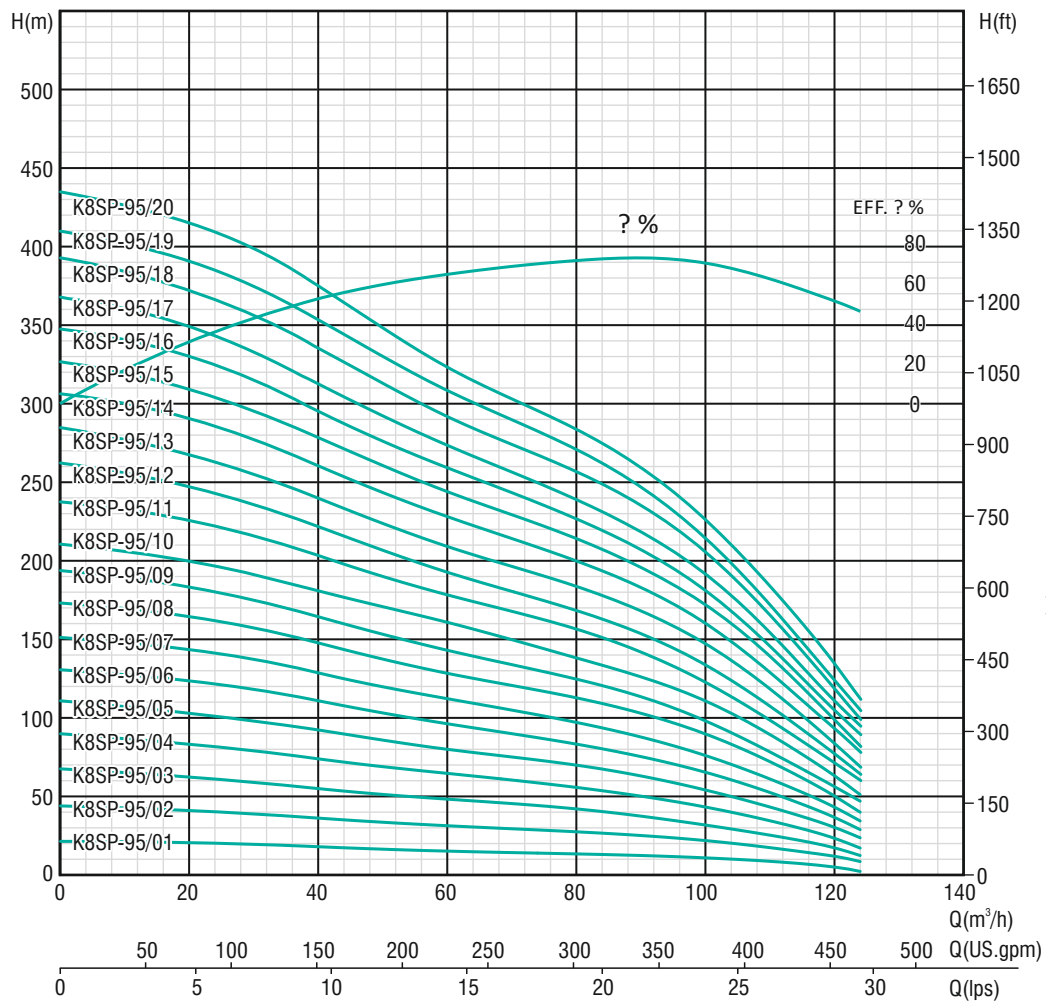
## K8SP-95

Nominal Flow: 95 m<sup>3</sup>/h

Outlet Size: 5"/ 4"\*

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	20	40	60	80	100	120	126	Height L (mm)	Weight (kg)
	kW	HP		0	5.6	11.1	16.7	22.2	27.8	33.3	35		
K8SP-95/01	5.5	7.5	Head(m)	20	19	17	14	13	11	6	2	617	21
K8SP-95/02	9.3	12.5		42	40	35	30	27	22	13	8	746	24.7
K8SP-95/03	13	17.5		66	61	54	47	42	32	19	12	875	28.6
K8SP-95/04	18.5	25		88	82	73	64	56	43	26	17	1004	32.5
K8SP-95/05	22	30		109	101	92	79	70	55	33	24	1133	36.4
K8SP-95/06	26	35		129	122	110	96	84	66	40	29	1262	40.4
K8SP-95/07	30	40		149	142	128	112	97	77	47	34	1391	44.3
K8SP-95/08	37	50		171	163	147	129	113	91	54	40	1520	48.2
K8SP-95/09	37	50		192	182	164	143	125	100	60	47	1649	52.1
K8SP-95/10	45	60		209	198	180	161	139	112	68	51	1778	56.1
K8SP-95/11	55	75		236	226	203	178	157	126	77	60	1907	60
K8SP-95/12	55	75		261	246	221	193	169	137	83	64	2036	63.9
K8SP-95/13	55	75		283	266	240	209	185	150	90	69	2165	67.9
K8SP-95/14	63	85		304	289	261	228	201	164	100	78	2294	71.8
K8SP-95/15	75	100		324	308	279	245	215	175	106	57	2423	75.7
K8SP-95/16	75	100		346	329	295	260	228	185	112	89	2552	79.6
K8SP-95/17	75	100		366	348	313	274	241	195	119	95	2681	83.6
K8SP-95/18	93	125		391	371	335	293	258	210	128	99	2810	87.5
K8SP-95/19	93	125		408	390	354	309	273	219	133	105	2939	91.4
K8SP-95/20	93	125		433	414	375	324	285	231	145	112	3068	95.4

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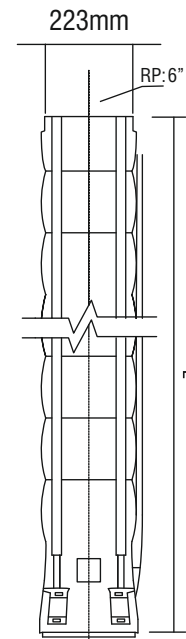
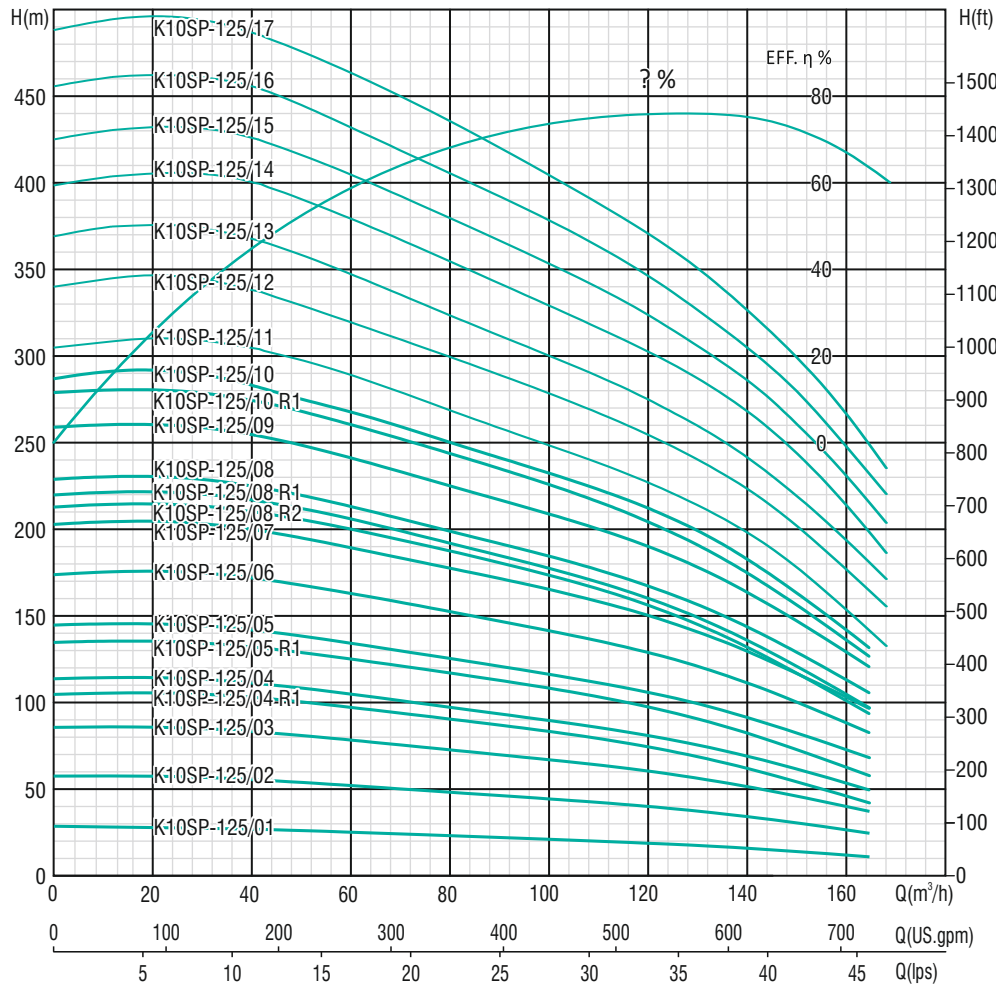
# K10SP-125

Nominal Flow: 125 m<sup>3</sup>/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)							Height L (mm)	Weight (kg)
	kW	HP		0	50	75	100	125	150	160		
K10SP-125/01	11	15	0	29	26	24	21	18	14	12	682	30.45
K10SP-125/02	22	30	0	58	56	49	44	38	30	25	836	36.65
K10SP-125/03	30	40	0	86	81	74	66	56	45	37	990	43.35
K10SP-125/04R1	37	50	0	105	100	92	83	70	52	43	1144	49.95
K10SP-125/04	37	50	0	114	108	99	90	78	60	50	1144	49.95
K10SP-125/05R1	45	60	0	135	129	119	108	93	70	58	1298	56.55
K10SP-125/05	55	75	0	144	134	127	116	102	80	68	1298	56.55
K10SP-125/06	63	85	0	174	166	154	140	123	97	93	1452	63.25
K10SP-125/07	75	100	0	202	194	180	164	144	114	97	1606	69.85
K10SP-125/08R2	75	100	0	213	204	190	172	148	114	94	1760	76.55
K10SP-125/08R1	75	100	0	220	212	194	176	152	117	97	1760	76.55
K10SP-125/08	75	100	0	228	219	202	183	160	124	106	1760	76.55
K10SP-125/09	93	125	0	259	238	228	208	182	142	122	1914	83.15
K10SP-125/10R1	93	125	0	279	268	247	226	195	152	127	2068	89.75
K10SP-125/10	93	125	0	287	274	254	231	204	158	132	2068	85.25
K10SP-125/11	110	150	0	308	300	274	249	219	170	140	2222	91.3
K10SP-125/12	132	175	0	343	330	305	278	246	192	162	2376	97.35
K10SP-125/13	132	175	0	372	358	328	299	264	210	177	2530	103.4
K10SP-125/14	150	200	0	400	390	360	328	292	232	192	2684	109.45
K10SP-125/15	150	200	0	426	416	384	351	310	248	209	2838	115.5
K10SP-125/16	170	225	0	456	443	410	376	330	265	225	2992	121.55
K10SP-125/17	170	225	0	488	473	440	400	352	286	240	3146	127.6

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# STAINLESS STEEL SUBMERSIBLE PUMPS

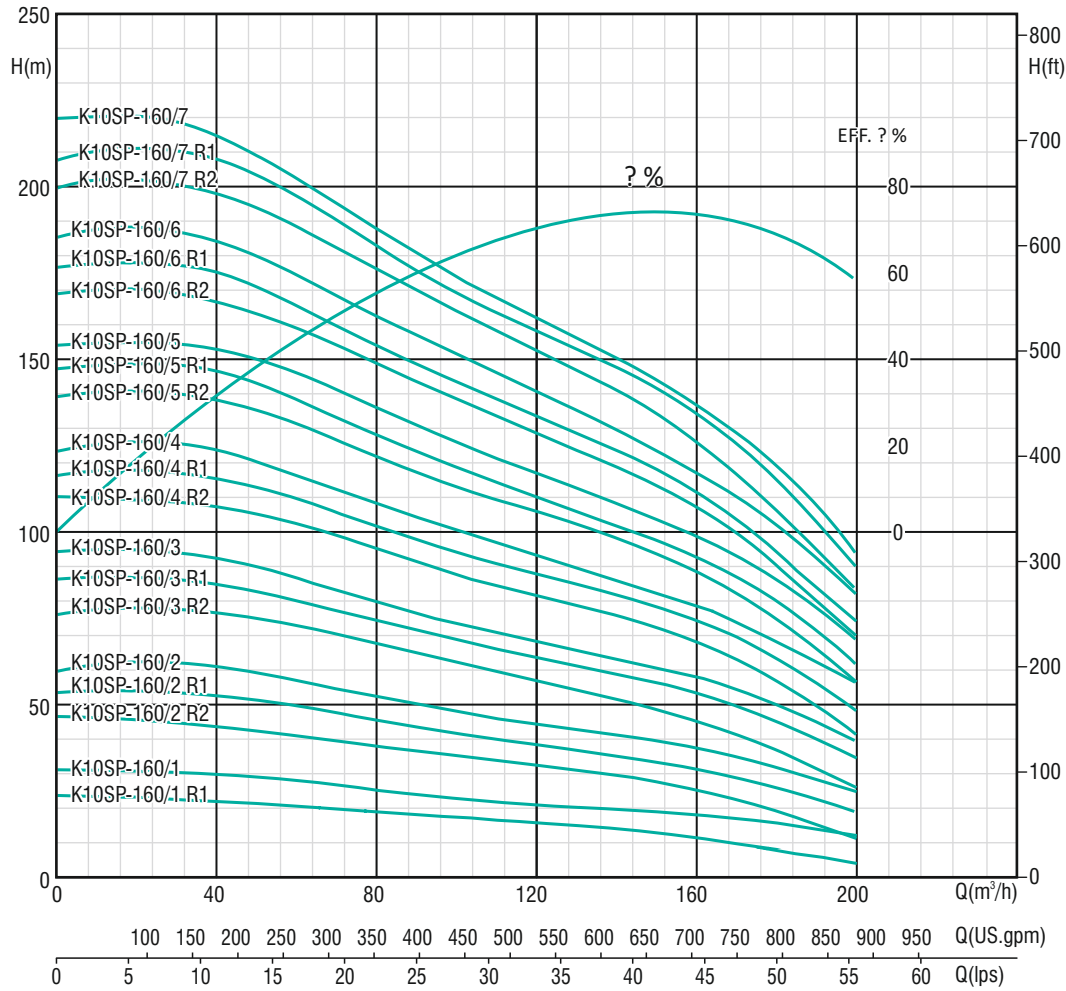
## K10SP-160

Nominal Flow: 160 m<sup>3</sup>/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	50	80	120	160	200	Height L (mm)	Weight (kg)
	kW	HP		0	13.9	22.2	33.4	44.5	55.6		
K10SP-160/1 R1	9.3	12.5	Head(m)	25	22	20.5	17	13	6	646	29.5
K10SP-160/1	13	17.5		33	30	26.5	23	20	14.5	646	29.5
K10SP-160/2 R2	18.5	25		48	44	39	34	27	14	802	35.6
K10SP-160/2 R1	22	30		55	52	47	40	33	20.5	802	35.6
K10SP-160/2	26	35		61	60	54	46	39	27	802	35.6
K10SP-160/3 R2	30	40		77	75	69	59	47	28	958	42.3
K10SP-160/3 R1	37	50		87.5	84	76	65	55	36	958	42.3
K10SP-160/3	37	50		95.5	91	80.5	70	60	41	958	42.3
K10SP-160/4 R2	45	60		111	106	96	83	70	44	1114	49
K10SP-160/4 R1	45	60		117	114	103	88.5	76	50	1114	49
K10SP-160/4	55	75		124.5	120	110	95	80	59	1114	49
K10SP-160/5 R2	55	75		140	186	123	107	90	59.5	1270	55.7
K10SP-160/5 R1	55	75		148	144	129	111	95	64	1270	55.7
K10SP-160/5	63	85		155	150	136.5	118	100	71	1270	55.7
K10SP-160/6 R2	63	85		169	163	150	129	108.5	72	1426	62.4
K10SP-160/6 R1	75	100		177	170	155	135	113	76	1426	62.4
K10SP-160/6	75	100		186	180	165	142	119	84	1426	62.4
K10SP-160/7 R2	75	100		200	193	177	153	127	86	1582	69
K10SP-160/7 R1	93	125		208	203	184	159	136	92	1582	69
K10SP-160/7	93	125		220	209	188.5	163	138	96	1582	69

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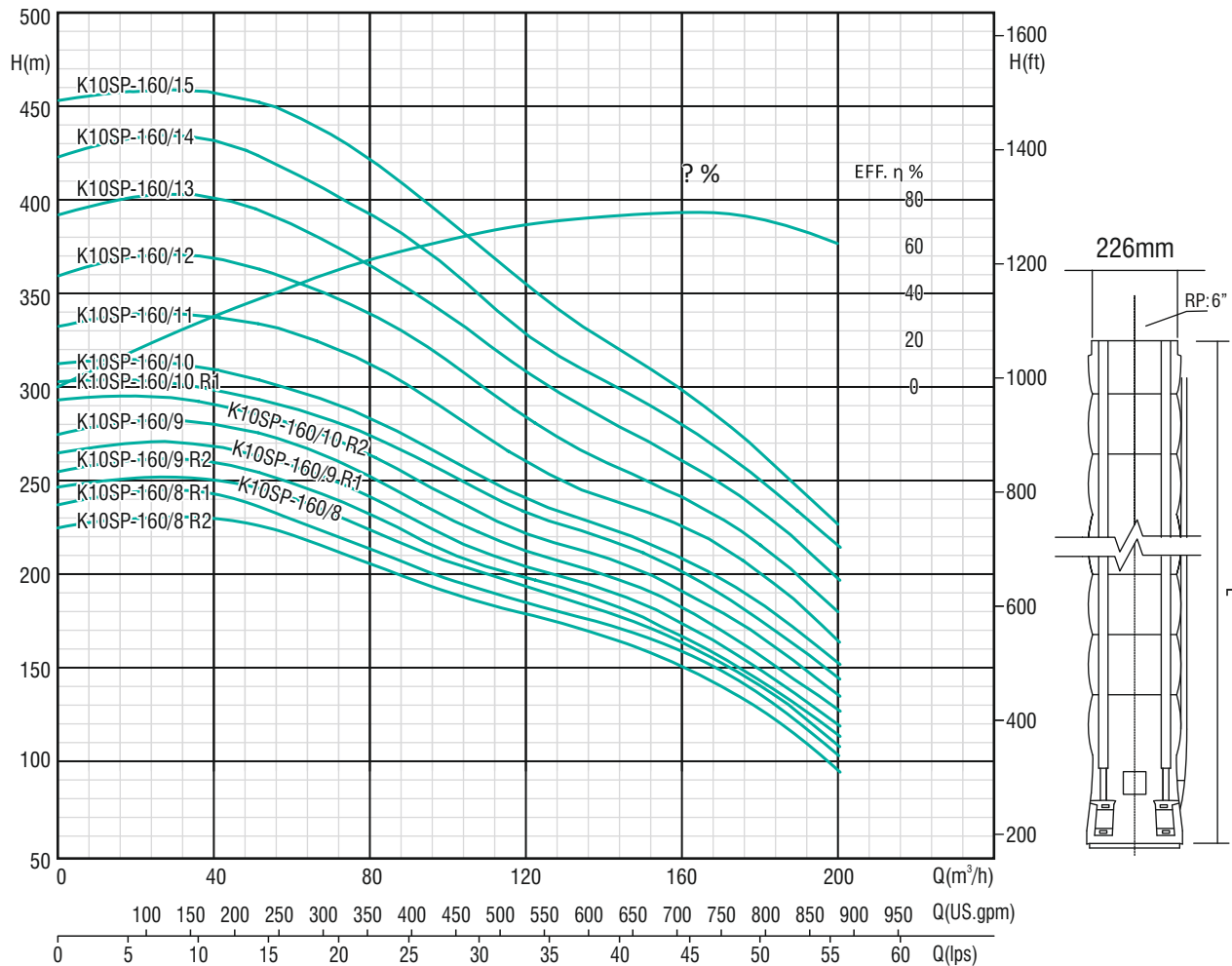
# K10SP-160

Nominal Flow: 160 m<sup>3</sup>/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q (m <sup>3</sup> /h) Q (lps)	0	50	80	120	160	200	Height L (mm)	Weight (kg)
	kW	HP		0	13.9	22.2	33.4	44.5	55.6		
K10SP-160/8 R2	93	125	Head (m)	230	223	203	175	147	97	1738	75.7
K10SP-160/8 R1	93	125		240	231	209	180	153	104	1738	75.7
K10SP-160/8	93	125		247.5	239	216	188.5	156.5	108	1738	75.7
K10SP-160/9 R2	110	150		255	251	229	193	160	105	1894	82.4
K10SP-160/9 R1	110	150		265	263	238	200	167	112	1894	82.4
K10SP-160/9	110	150		275	273	249	207	176	120	1894	82.4
K10SP-160/10 R2	110	150		294	283	260	218	185	178	2050	89.1
K10SP-160/10 R1	132	175		304	289	270	228	195	138	2050	89.1
K10SP-160/10	132	175		310	300	280	233	200	140	2050	89.1
K10SP-160/11	132	175		333	328	309	255	220	156	2206	95.8
K10SP-160/12	150	200		360	358	338	279	235	173	2362	102.4
K10SP-160/13	170	225		392	389	362	304	255	190	2518	109.1
K10SP-160/14	170	225		423	418	389	324	274	208	2674	115.8
K10SP-160/15	187	250		453	450	419	350	292	220	2830	122.5

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# STAINLESS STEEL SUBMERSIBLE PUMPS

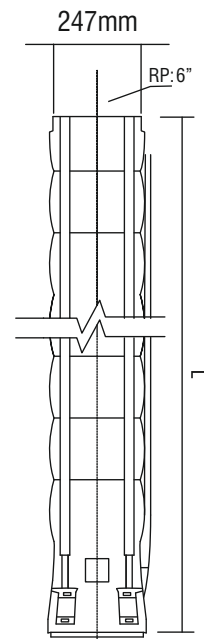
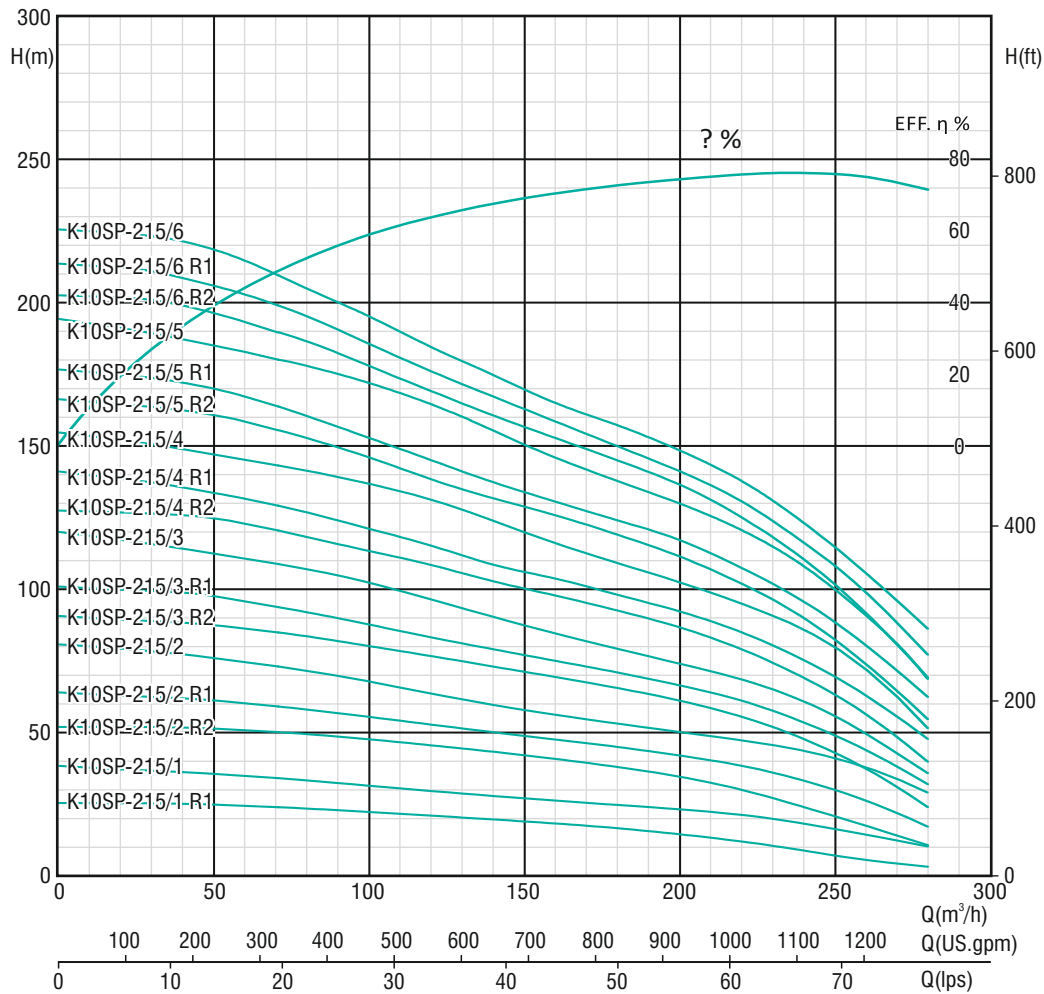
## K10SP-215

Nominal Flow: 215 m<sup>3</sup>/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)										Height L (mm)	Weight (kg)
	KW	HP		0	50	100	150	200	215	250	280				
K10SP-215/1 R1	15	20	0	26	25	23	19	15	13	7	4	793	53		
K10SP-215/1	18.5	25	10	38	36	32	27	23.5	22	16.5	10.5	793	53		
K10SP-215/2 R2	30	40	20	53	52	49	42	35	31	21	11	969	66		
K10SP-215/2 R1	37	50	30	64	61	55	49	42	40	30	18	969	66		
K10SP-215/2	45	60	40	82	76	68	58	50	48	41	29.5	969	66		
K10SP-215/3 R2	55	75	50	90	88	80	71	61	58	43	24	1145	78		
K10SP-215/3 R1	55	75	60	101	97	88	76	66	63	49	33	1145	78		
K10SP-215/3	63	85	70	120	112	102	87	74	70	56	32	1145	78		
K10SP-215/4 R2	75	100	80	127	125	114	101	86	81	64	40	1321	91		
K10SP-215/4 R1	75	100	90	138	134	121	106	92	87	70	48	1321	91		
K10SP-215/4	75	100	100	156	147	137	120	102	97	80	52	1321	91		
K10SP-215/5 R2	93	125	110	165	161	146	129	111	105	83	55	1497	103		
K10SP-215/5 R1	93	125	120	175	170	153	134	118	110	89	63	1497	103		
K10SP-215/5	93	125	130	196	185	146	150	128	123	100	69	1497	103		
K10SP-215/6 R2	110	150	140	201	196	153	156	136	128	101	70	1673	116		
K10SP-215/6 R1	110	150	150	212	206	172	163	141	134	109	78	1673	116		
K10SP-215/6	110	150	160	225	218	178	170	148	140	115	86	1673	116		

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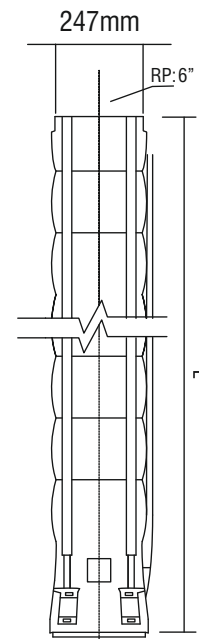
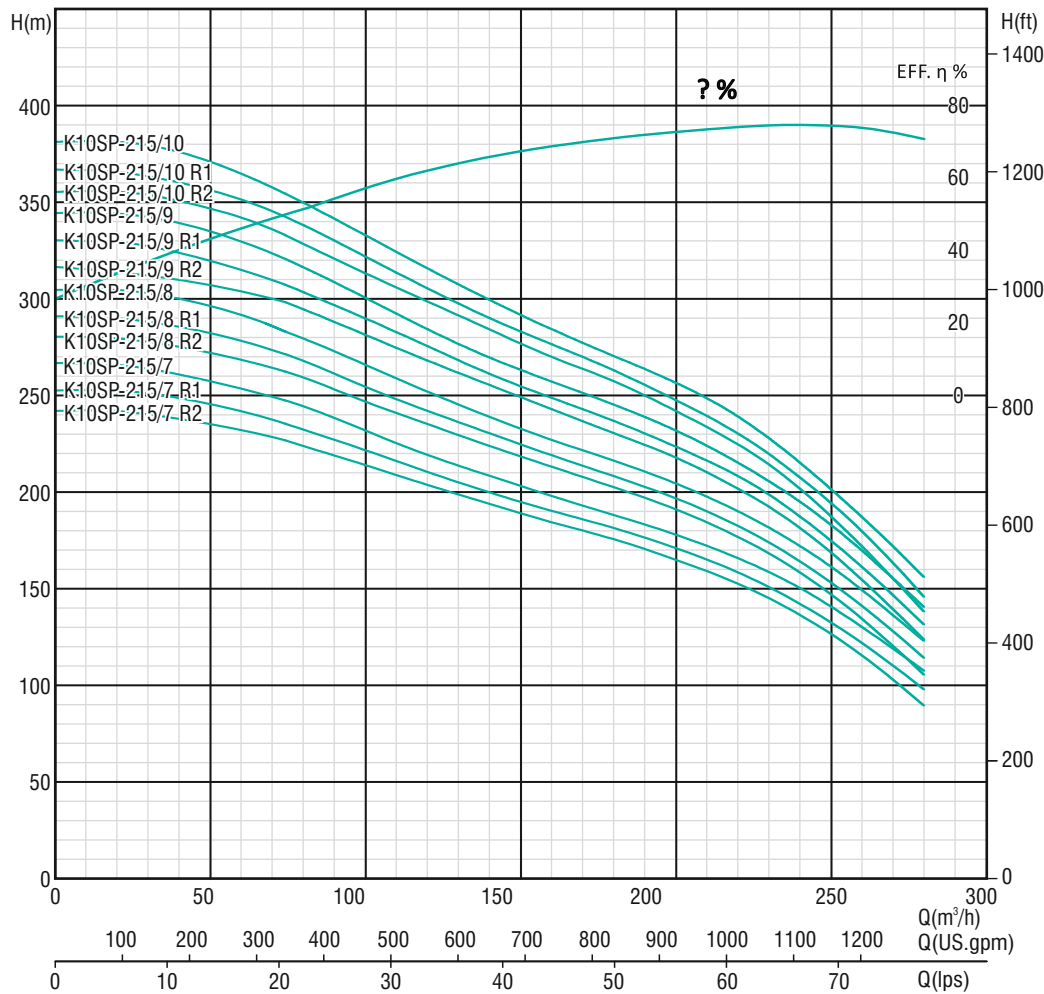
# K10SP-215

Nominal Flow: 215 m<sup>3</sup>/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	50	100	150	200	215	250	280	Height L (mm)	Weight (kg)
	kW	HP		0	13.89	27.78	41.67	55.56	59.72	69.44	77.78		
K10SP-215/7 R2	132	175	Head (m)	242	236	186	189	165	156	126	90	1849	128
K10SP-215/7 R1	132	175		252	246	195	195	171	162	33	99	1849	128
K10SP-215/7	132	175		267	258	214	203	178	169	140	107	1849	128
K10SP-215/8 R2	150	200		281	273	222	218	191	181	148	106	2025	141
K10SP-215/8 R1	150	200		286	282	232	225	197	186	153	114	2025	141
K10SP-215/8	150	200		308	295	248	232	204	194	161	12.4	2025	141
K10SP-215/9 R2	170	225		319	311	255	249	218	206	169	124	2201	153
K10SP-215/9 R1	170	225		330	321	265	255	224	213	175	132	2201	153
K10SP-215/9	170	225		344	335	281	263	231	219	183	140	2201	153
K10SP-215/10 R2	187	250		355	346	290	277	242	230	183	138	2377	166
K10SP-215/10 R1	187	250		367	356	300	283	248	235	195	146	2377	166
K10SP-215/10	187	250		381	370	314	291	256	245	201	156	2377	166

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# CASTED SS & CI SUBMERSIBLE PUMPS

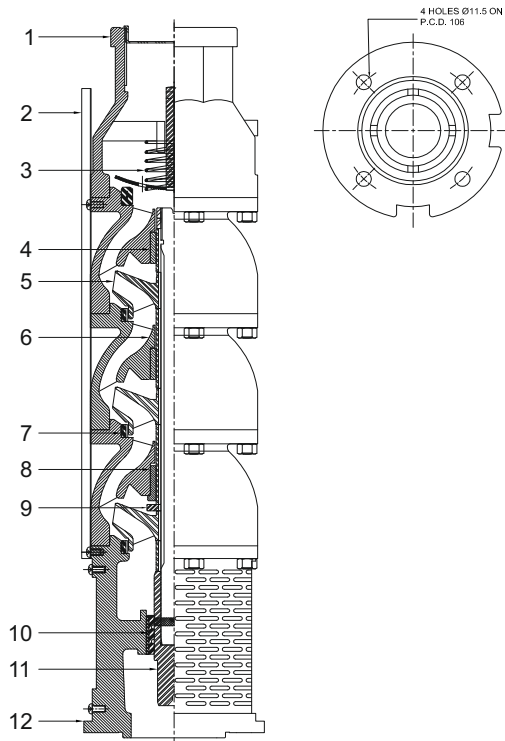
## Technical Specification

SERIES		6" CAST IRON / CASTED SS	6" CAST IRON / CASTED SS (HIGH HEAD)
Model		K6CP / K6TP	K6CP-H / K6TP-H
Power Range	kW	3 to 22 kW	2.2 to 22 kW
	HP	4 to 30 HP	3.0 to 30 HP
Nominal Outlet size	Inch	2.5" & 3"	3"
	mm	65 & 80	80
Speed	rpm	2880	2880
Discharge range	m <sup>3</sup> /h	9.6 to 90	6.6 to 70
	lpm	160 to 1500	110 to 1166
	lps	2.67 to 25	1.83 to 19.44
Head range	m	14 to 230	15 to 276
	ft	46 to 754	49 to 905
Max. Outer Diameter	mm	147	148

## Materials of Constructions

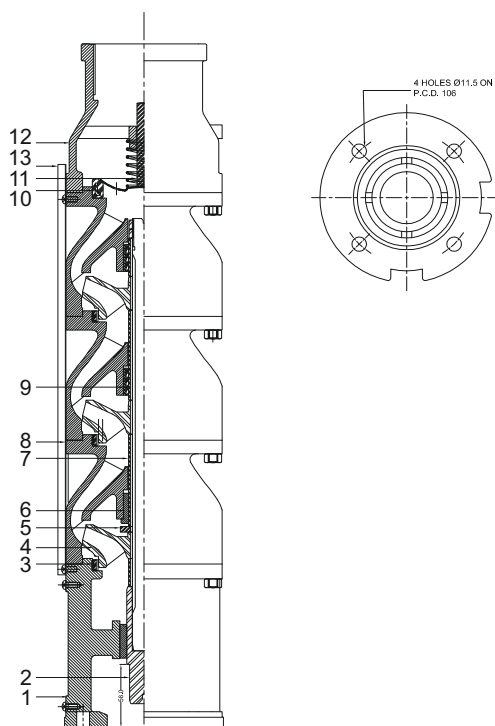
Models	K6CP	K6LP	K6TP	K6MTP
Suction Housing	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Discharge Housing	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Impeller	SS 410	Casted SS 410	Casted SS 304	Casted SS 316
Diffuser Chamber	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Pump Shaft	SS 420	SS 410	SS 304	SS 316
Check Valve Disc	SS 202	SS 410	SS 304	SS 316
Bush Diffuser chamber	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON
Wear ring	NBR / VITON + SS	NBR / VITON + SS	NBR / VITON + SS	NBR / VITON + SS
Upthrust Washer	SS 410	SS 410	SS 304	SS 316
Counter Bush	LTB-4	LTB-4	LTB-4	LTB-4
Sleeve	SS 410	SS 410	SS 304	SS 316
Cable Guard	SS 410	SS 410	SS 304	SS 316

### Cross Sectional View: 6" Cast Iron & Casted SS Series



Sr. No.	PART NAME
1	DISCHARGE HOUSING
2	CABLE GUARD
3	VALVE ASSY.
4	BEARING BUSH
5	IMPELLER
6	DIFFUSER
7	WEAR RING
8	COUNTER BUSH
9	THRUST WASHER
10	RUBBER BUSH
11	PUMP SHAFT
12	SUCTION HOUSING

### Cross Sectional View: 6" Cast Iron & Casted SS Series



Sr. No.	PART NAME
1	SUCTION HOUSING
2	PUMP SHAFT
3	WEAR RING
4	IMPELLER
5	THRUST WASHER
6	COUNTER BUSH
7	SLEEVE
8	DIFFUSER
9	RUBBER BUSH
10	NRV RING
11	VALVE ASSY. DIA 83
12	DISCHARGE HOUSING
13	CABLE GUARD

# CASTED SS & CI SUBMERSIBLE PUMPS

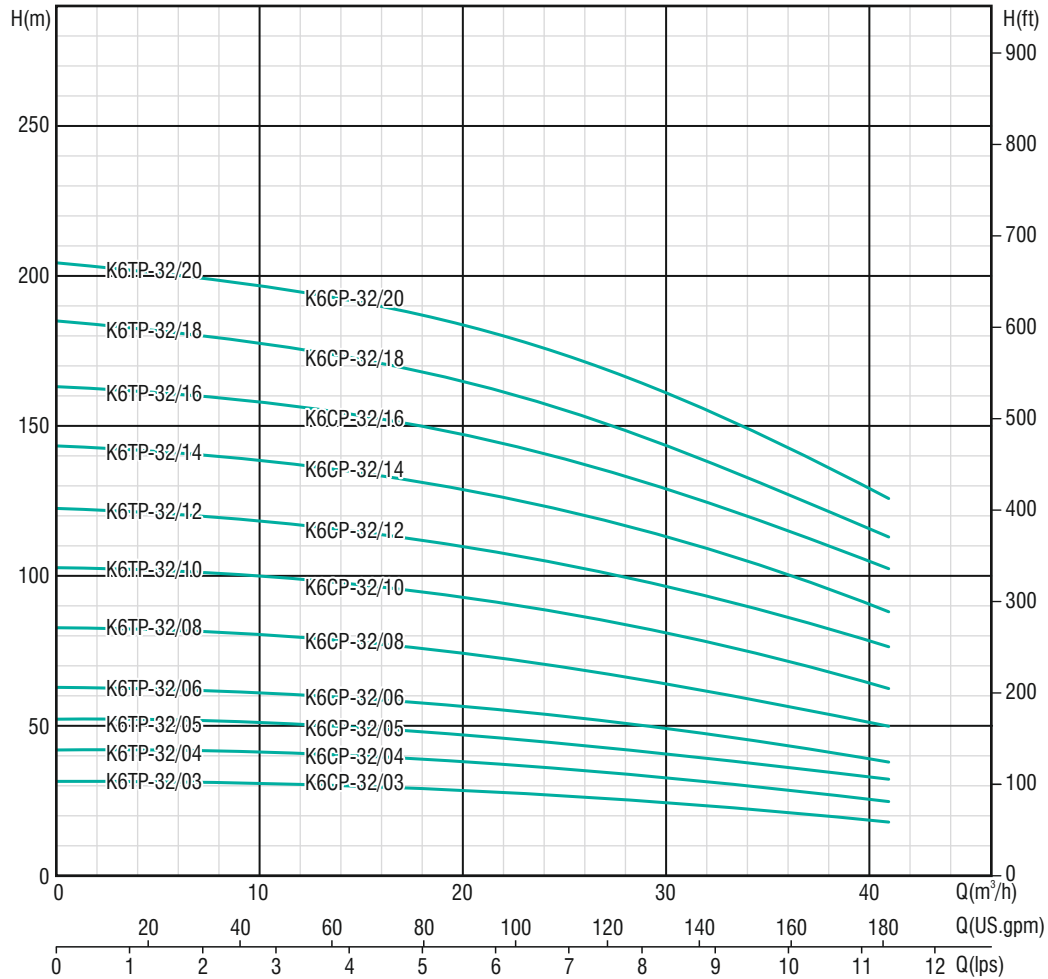
Nominal Flow: 32 m<sup>3</sup>/h

Outlet Size: 2½"

Performance Curve

2900 rpm

**K6TP-32**  
**K6CP-32**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h)	Head (m)							
		kW	HP		0	19.8	26.4	28.8	31.2	34.8	37.2	40.8
K6TP-32/03	K6CP-32/03	3	4	31	28	26	25	23	22	21	19	
K6TP-32/04	K6CP-32/04	3.7	5	41	37	34	33	31	29	28	25	
K6TP-32/05	K6CP-32/05	4.5	6	51	46	43	41	39	37	35	32	
K6TP-32/06	K6CP-32/06	5.5	7.5	61	55	52	49	47	44	42	38	
K6TP-32/08	K6CP-32/08	7.5	10	82	74	69	66	62	58	56	50	
K6TP-32/10	K6CP-32/10	9.3	12.5	102	92	86	82	78	73	70	63	
K6TP-32/12	K6CP-32/12	11	15	122	110	103	98	94	88	84	76	
K6TP-32/14	K6CP-32/14	13	17.5	143	129	120	115	109	102	98	88	
K6TP-32/16	K6CP-32/16	15	20	163	147	138	131	125	117	112	101	
K6TP-32/18	K6CP-32/18	16.7	22.5	184	166	155	148	140	131	126	113	
K6TP-32/20	K6CP-32/20	18.5	25	204	184	172	164	156	146	140	126	

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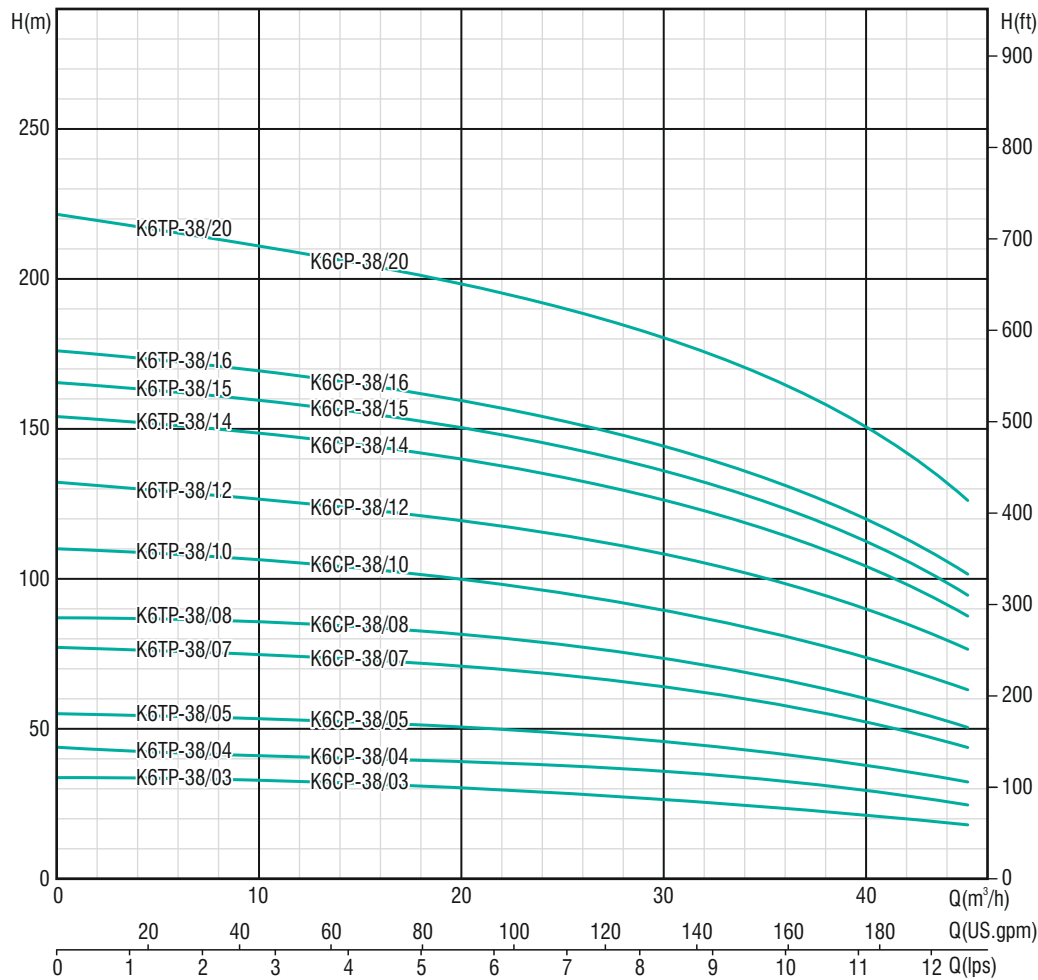
Nominal Flow: 38 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-38**  
**K6CP-32**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	24.6	31.8	36.0	38.4	40.2	42.6	45.0
		kW	HP		0	6.80	8.80	10.00	10.70	11.20	11.80	12.50
K6TP-38/03	K6CP-38/03	3.7	5	Head(m)	33	29	27	25	23	22	20	19
K6TP-38/04	K6CP-38/04	4.5	6		44	38	36	33	31	30	27	25
K6TP-38/05	K6CP-38/05	5.5	7.5		55	48	45	41	39	37	34	32
K6TP-38/07	K6CP-38/07	7.5	10		77	67	62	57	55	52	48	44
K6TP-38/08	K6CP-38/08	9.3	12.5		88	76	71	66	62	59	54	50
K6TP-38/10	K6CP-38/10	11	15		110	95	89	82	78	74	68	63
K6TP-38/12	K6CP-38/12	13	17.5		132	114	107	98	94	89	82	76
K6TP-38/14	K6CP-38/14	15	20		154	133	125	115	109	104	95	88
K6TP-38/15	K6CP-38/15	16.7	22.5		165	143	134	123	117	111	102	95
K6TP-38/16	K6CP-38/16	18.5	25		176	152	142	131	125	118	109	101
K6TP-38/20	K6CP-38/20	22	30		220	190	178	164	156	148	136	126

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# CASTED SS & CI SUBMERSIBLE PUMPS

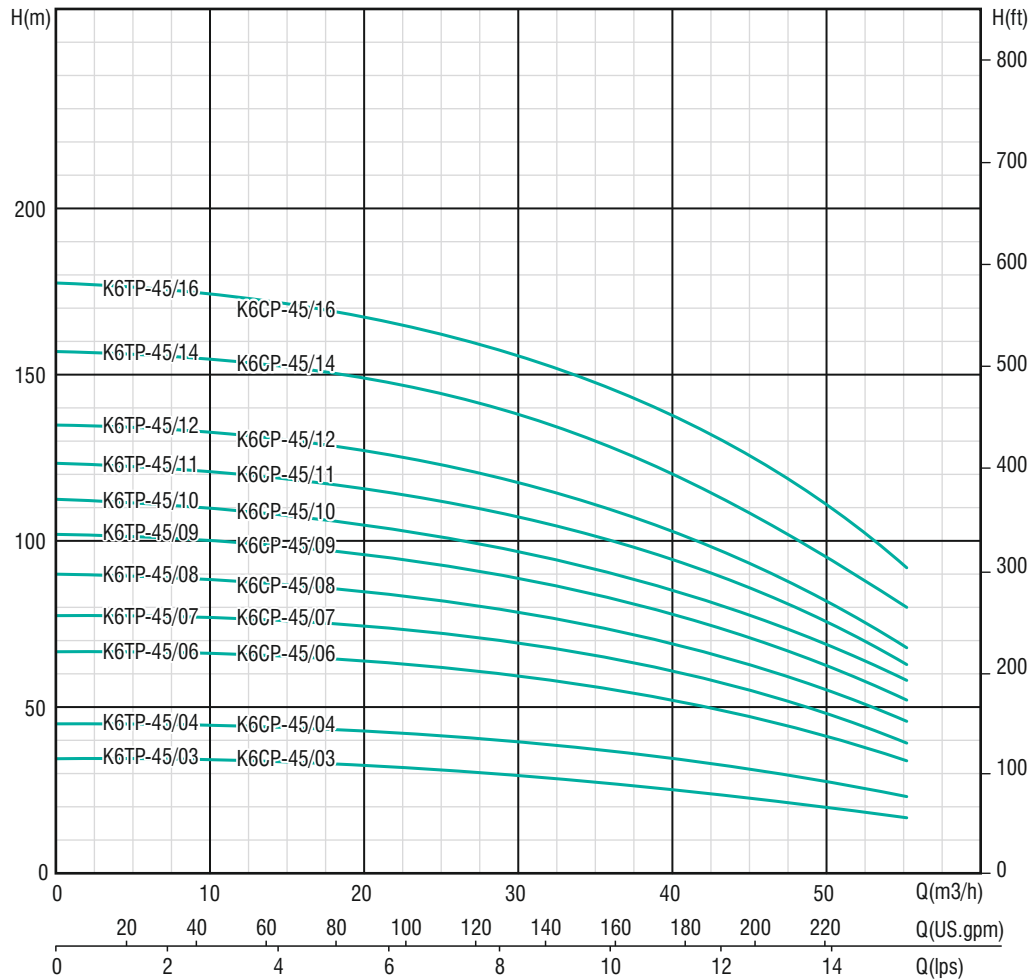
Nominal Flow: 45 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-45**  
**K6CP-45**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	22.8	33.6	42.0	45.0	48.6	51.9	55.2
		kW	HP		0	6.30	9.30	11.70	12.50	13.50	14.40	15.30
K6TP-45/03	K6CP-45/03	3.7	5	Head(m)	34	31	28	25	23	21	19	17
K6TP-45/04	K6CP-45/04	5.5	7.5		45	42	38	34	31	28	25	23
K6TP-45/06	K6CP-45/06	7.5	10		67	62	56	50	47	42	38	34
K6TP-45/07	K6CP-45/07	9.3	12.5		78	73	66	59	55	49	44	40
K6TP-45/08	K6CP-45/08	11	15		90	83	75	67	62	56	51	45
K6TP-45/09	K6CP-45/09	11	15		101	94	85	76	70	63	57	51
K6TP-45/10	K6CP-45/10	13	17.5		112	104	94	84	78	70	63	57
K6TP-45/11	K6CP-45/11	15	20		123	114	103	92	86	77	69	63
K6TP-45/12	K6CP-45/12	15	20		134	125	113	101	94	84	76	68
K6TP-45/14	K6CP-45/14	18.5	25		157	146	132	118	109	98	88	80
K6TP-45/16	K6CP-45/16	22	30		179	166	150	134	125	112	101	91

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.



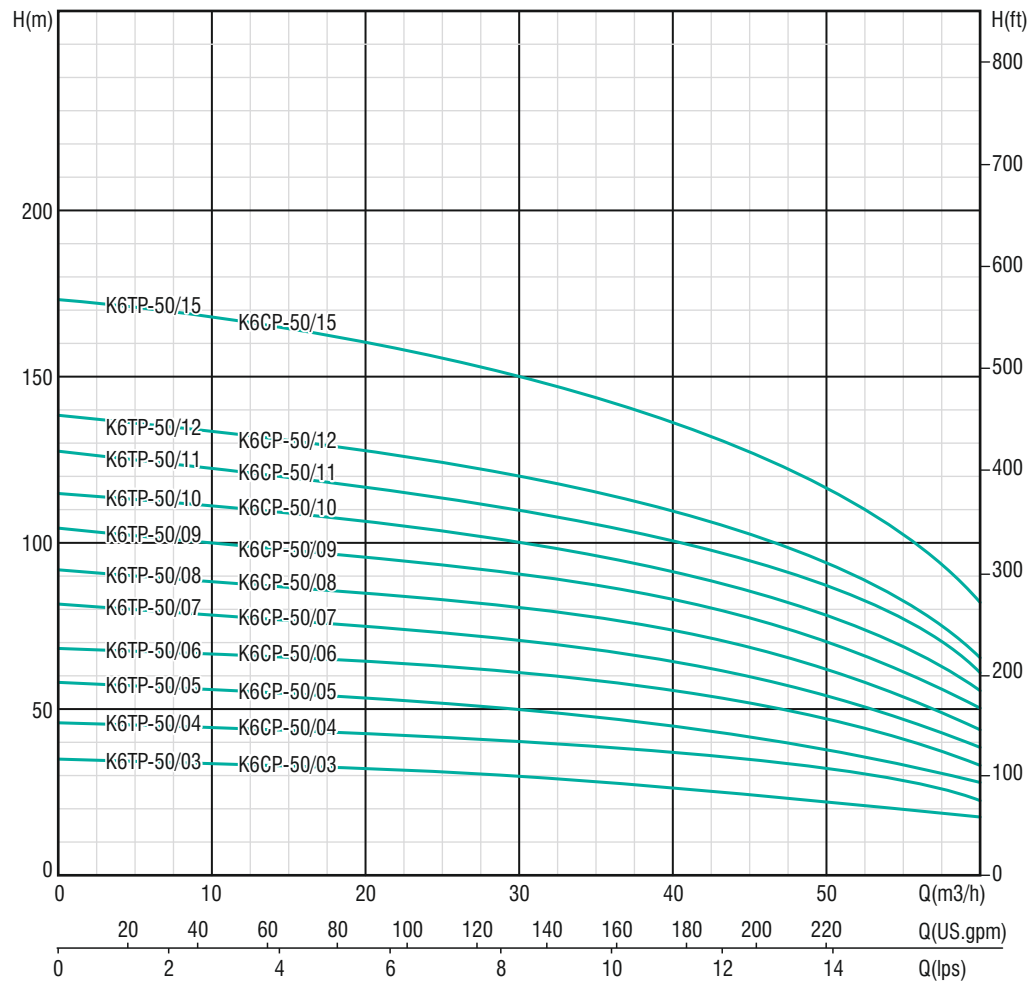
Nominal Flow: 50 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-50**  
**K6CP-50**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	17.4	27.6	37.2	50.4	54.3	56.4	60
		kW	HP		0	4.83	7.67	10.33	14	15.10	15.67	16.67
K6TP-50/03	K6CP-50/03	4.5	6	Head(m)	35	32	31	28	23	21	20	17
K6TP-50/04	K6CP-50/04	5.5	7.5		46	43	41	37	31	28	27	22
K6TP-50/05	K6CP-50/05	7.5	10		58	54	51	46	39	36	34	28
K6TP-50/06	K6CP-50/06	9.3	12.5		69	65	61	55	47	43	40	33
K6TP-50/07	K6CP-50/07	11	15		81	76	71	64	55	50	47	39
K6TP-50/08	K6CP-50/08	11	15		92	86	82	74	62	57	54	44
K6TP-50/09	K6CP-50/09	13	17.5		104	97	92	83	70	64	60	50
K6TP-50/10	K6CP-50/10	15	20		115	108	102	92	78	71	67	55
K6TP-50/11	K6CP-50/11	16.7	22.5		127	119	112	101	86	78	74	61
K6TP-50/12	K6CP-50/12	18.5	25		138	130	122	110	94	85	80	66
K6TP-50/15	K6CP-50/15	22	30		173	162	153	138	117	107	101	83

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# CASTED SS & CI SUBMERSIBLE PUMPS

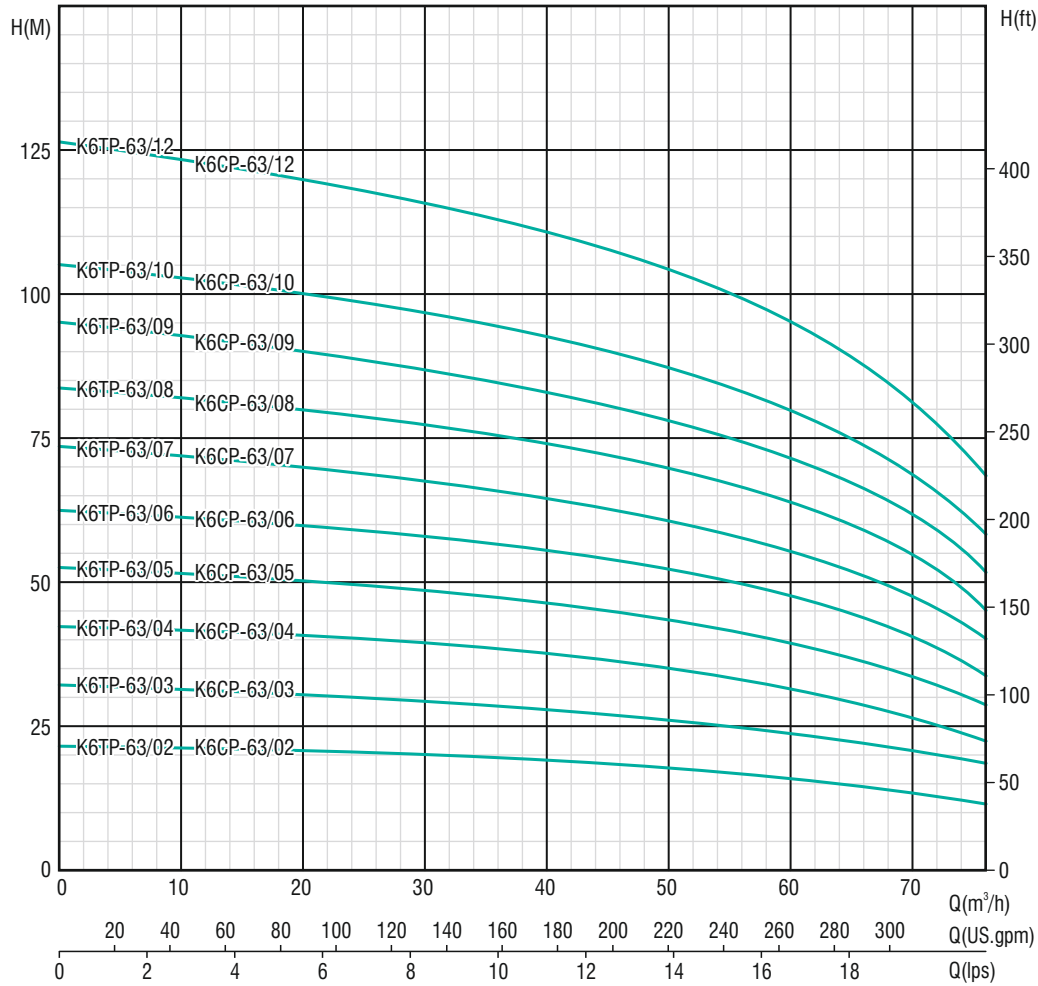
Nominal Flow: 63 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-63**  
**K6CP-63**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	40.8	49.2	54.0	63.0	67.2	72.0	76.8
		kW	HP		0	11.33	13.67	15.00	17.50	18.67	20.00	21.30
K6TP-63/02	K6CP-63/02	3.7	5	Head(m)	21	19	18	17	15	14	13	11
K6TP-63/03	K6CP-63/03	5.5	7.5		32	28	26	25	23	22	19	17
K6TP-63/04	K6CP-63/04	7.5	10		42	37	35	34	30	29	26	22
K6TP-63/05	K6CP-63/05	9.3	12.5		53	46	44	42	38	36	32	28
K6TP-63/06	K6CP-63/06	11	15		63	55	53	50	46	43	38	33
K6TP-63/07	K6CP-63/07	13	17.5		74	64	62	59	53	50	45	39
K6TP-63/08	K6CP-63/08	15	20		84	74	70	67	61	58	51	44
K6TP-63/09	K6CP-63/09	16.7	22.5		95	83	79	76	68	65	58	50
K6TP-63/10	K6CP-63/10	18.5	25		105	92	88	84	76	72	64	55
K6TP-63/12	K6CP-63/12	22	30		126	110	106	101	91	86	77	66

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

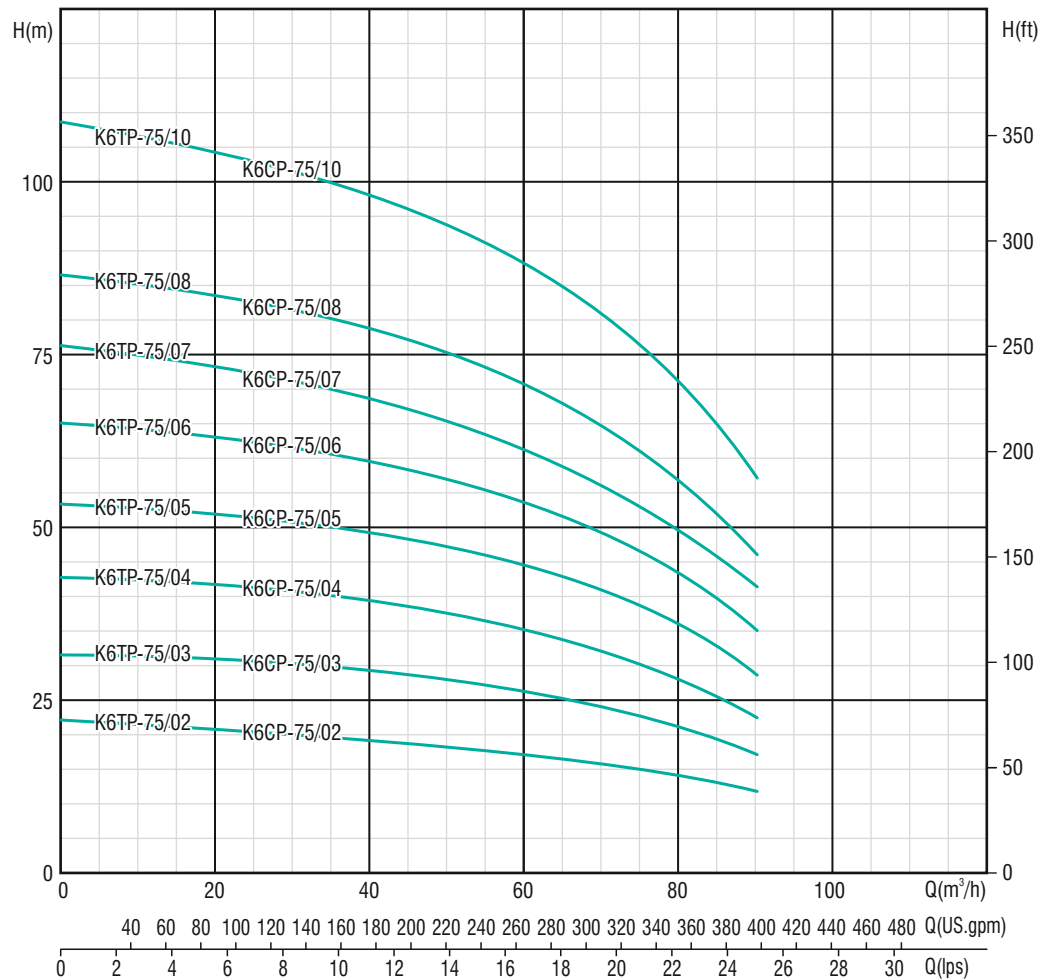
Nominal Flow: 75 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-75**  
**K6CP-75**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head(m)							
		kW	HP		0	42.0	51.0	60.0	75.6	79.8	84.0	90.0
K6TP-75/02	K6CP-75/02	4.5	6	22	19	18	17	15	14	14	14	12
K6TP-75/03	K6CP-75/03	7.5	10	32	29	28	26	23	22	20	17	
K6TP-75/04	K6CP-75/04	9.3	12.5	43	38	37	34	30	29	27	23	
K6TP-75/05	K6CP-75/05	11	15	54	48	46	43	38	36	34	29	
K6TP-75/06	K6CP-75/06	13	17.5	65	58	55	52	46	43	41	35	
K6TP-75/07	K6CP-75/07	15	20	76	67	64	60	53	50	48	41	
K6TP-75/08	K6CP-75/08	18.5	25	86	77	74	69	61	58	54	46	
K6TP-75/10	K6CP-75/10	22	30	108	96	92	86	76	72	68	58	

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# CASTED SS & CI SUBMERSIBLE PUMPS

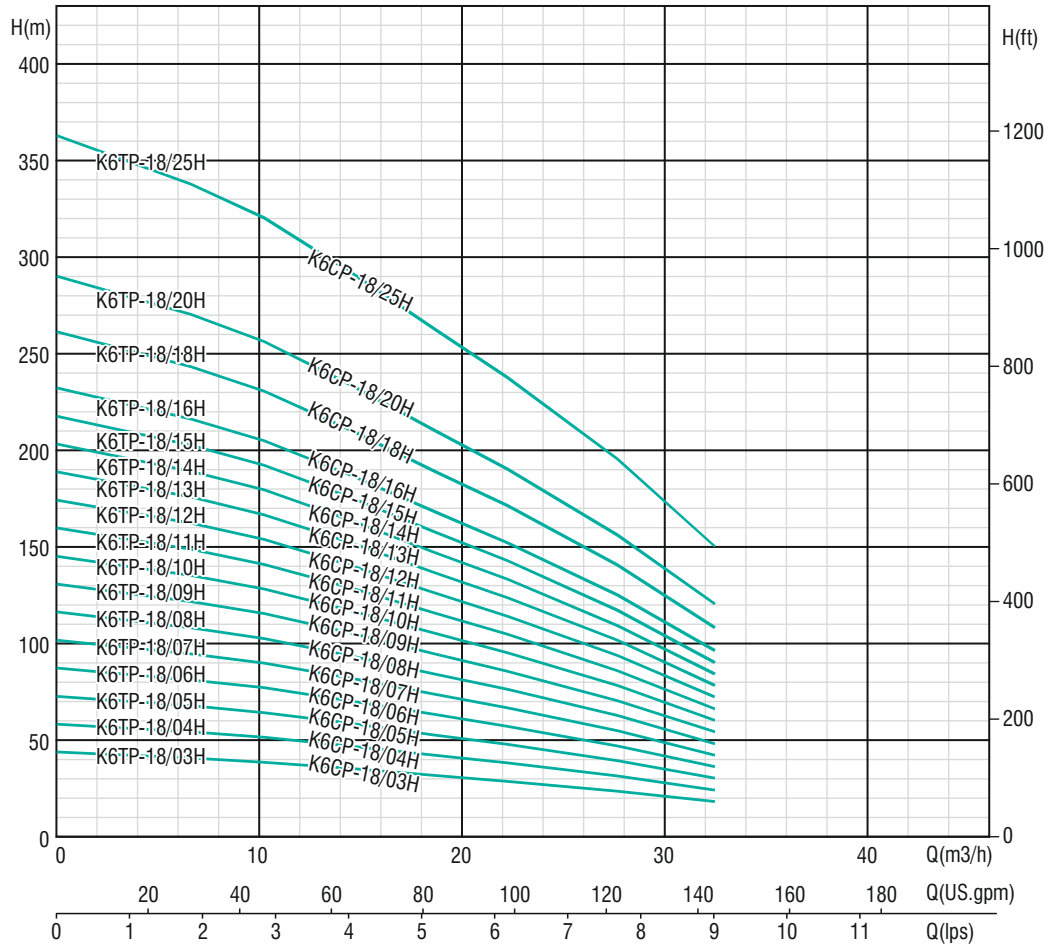
Nominal Flow: 18 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-18**  
**K6CP-18**



Model Casted SS-(HH)	Model Cast Iron-(HH)	Motor Power		Q(m <sup>3</sup> /h)	Head (m)							
		kW	HP		0	6.6	10.2	14.4	18.6	22.2	27.6	32.4
K6TP-18/03H	K6CP-18/03H	2.2	3	44	41	38	35	32	29	23	18	
K6TP-18/04H	K6CP-18/04H	3	4	58	54	51	47	42	38	31	24	
K6TP-18/05H	K6CP-18/05H	3.7	5	73	68	64	59	53	48	39	30	
K6TP-18/06H	K6CP-18/06H	4.5	6	87	81	77	70	63	57	47	36	
K6TP-18/07H	K6CP-18/07H	5.5	7.5	102	95	90	82	74	67	55	42	
K6TP-18/08H	K6CP-18/08H	5.5	7.5	116	108	102	94	84	76	62	48	
K6TP-18/09H	K6CP-18/09H	7.5	10	131	122	115	105	95	86	70	54	
K6TP-18/10H	K6CP-18/10H	7.5	10	145	135	128	117	105	95	78	60	
K6TP-18/11H	K6CP-18/11H	7.5	10	160	149	141	129	116	105	86	66	
K6TP-18/12H	K6CP-18/12H	9.3	12.5	174	162	154	140	126	114	94	72	
K6TP-18/13H	K6CP-18/13H	9.3	12.5	189	176	166	152	137	124	101	78	
K6TP-18/14H	K6CP-18/14H	11	15	203	189	179	164	147	133	109	84	
K6TP-18/15H	K6CP-18/15H	11	15	218	203	192	176	158	143	117	90	
K6TP-18/16H	K6CP-18/16H	11	15	232	216	205	187	168	152	125	96	
K6TP-18/18H	K6CP-18/18H	13	17.5	261	243	230	211	189	171	140	108	
K6TP-18/20H	6MPC-18/20H	15	20	290	270	256	234	210	190	156	120	
K6TP-18/25H	6MPC-18/25H	18.5	25	363	338	320	293	263	238	195	150	

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

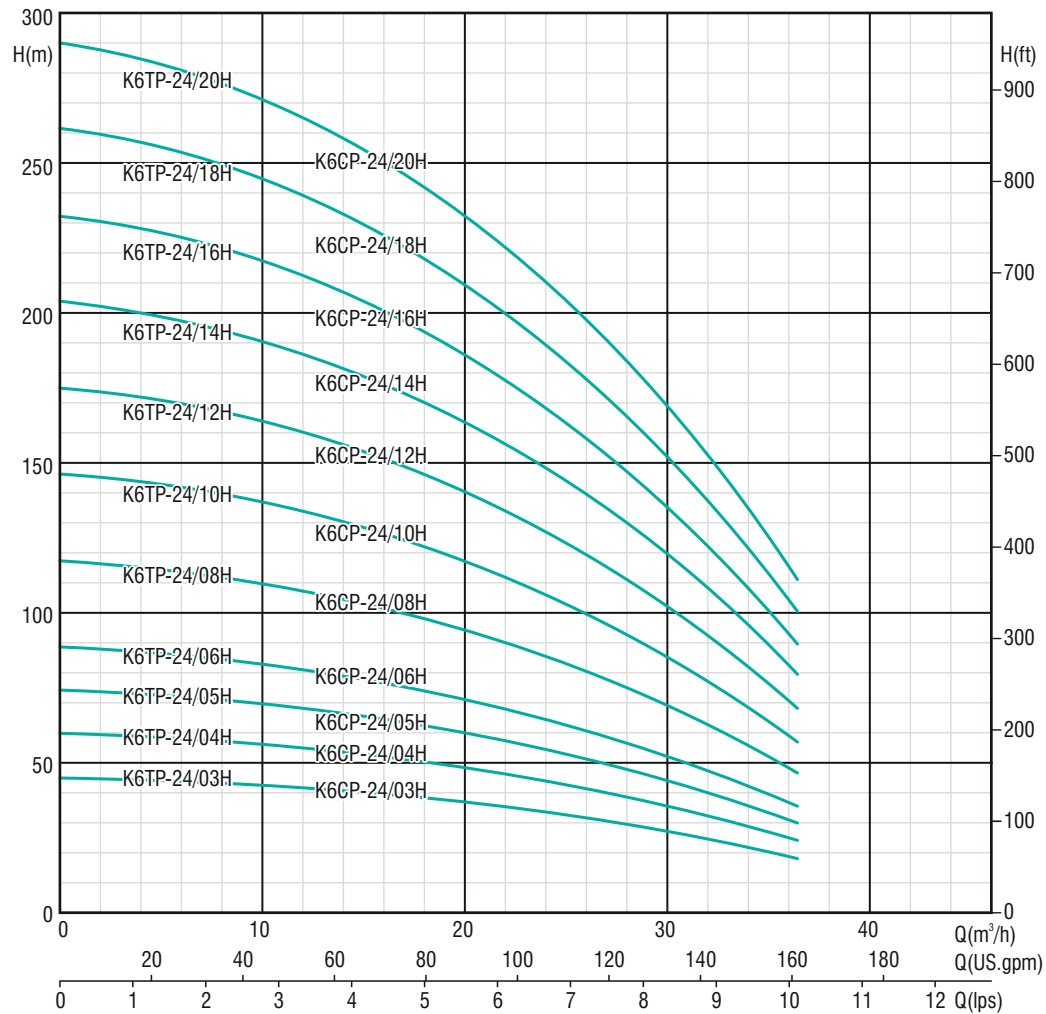
Nominal Flow: 24 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-24**  
**K6CP-24**



Model Casted SS-(HH)	Model Cast Iron-(HH)	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	8.4	13.8	21.0	24.0	28.8	32.4	36.6
		kW	HP		0	2.30	3.83	5.83	6.67	8.00	9.00	10.17
K6TP-24/03H	K6CP-24/03H	3	4	Head(m)	44	41	39	34	32	26	23	17
K6TP-24/04H	K6CP-24/04H	3.7	5		58	55	52	46	42	35	30	22
K6TP-24/05H	K6CP-24/05H	4.5	6		73	69	65	57	53	44	38	28
K6TP-24/06H	K6CP-24/06H	5.5	7.5		87	83	78	68	63	53	45	33
K6TP-24/08H	K6CP-24/08H	7.5	10		116	110	104	91	84	70	60	44
K6TP-24/10H	K6CP-24/10H	9.3	12.5		145	138	130	114	105	88	75	55
K6TP-24/12H	K6CP-24/12H	11	15		174	166	156	137	126	106	90	66
K6TP-24/14H	K6CP-24/14H	13	17.5		203	193	182	160	147	123	105	77
K6TP-24/16H	K6CP-24/16H	15	20		232	221	208	182	168	141	120	88
K6TP-24/18H	K6CP-24/18H	16.7	22.5		261	248	234	205	189	158	135	99
K6TP-24/20H	K6CP-24/20H	18.5	25		290	276	260	228	210	176	150	110

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# CASTED SS & CI SUBMERSIBLE PUMPS

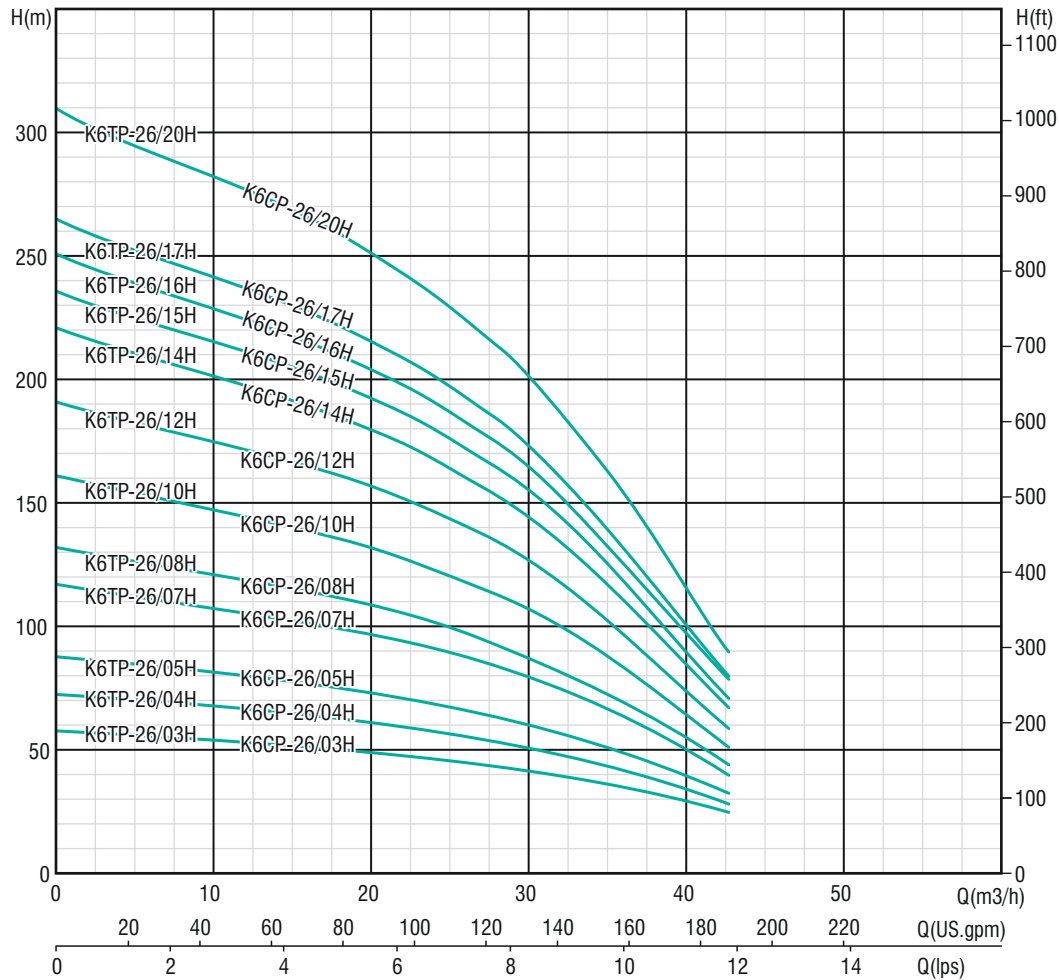
Nominal Flow: 26 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-26**  
**K6CP-26**



Model Casted SS-(HH)	Model Cast Iron-(HH)	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	15.0	18.0	21.0	25.8	30.6	37.2	42.0
		kW	HP		0	4.17	5.00	5.83	7.17	8.50	10.33	11.67
K6TP-26/03H	K6CP-26/03H	3.7	5	Head(m)	47	40	38	37	33	29	20	12
K6TP-26/04H	K6CP-26/04H	4.5	6		62	53	51	49	44	38	26	16
K6TP-26/05H	K6CP-26/05H	5.5	7.5		78	66	64	61	55	48	33	20
K6TP-26/07H	K6CP-26/07H	7.5	10		109	93	90	85	77	67	46	28
K6TP-26/08H	K6CP-26/08H	9.3	12.5		124	106	102	98	88	76	52	32
K6TP-26/10H	K6CP-26/10H	11	15		155	133	128	122	110	95	65	40
K6TP-26/12H	K6CP-26/12H	13	17.5		186	159	154	146	132	114	78	48
K6TP-26/14H	K6CP-26/14H	15	20		217	186	179	171	154	133	91	56
K6TP-26/15H	K6CP-26/15H	16.7	22.5		233	199	192	183	165	143	98	60
K6TP-26/16H	K6CP-26/16H	18.5	25		248	212	205	195	176	152	104	64
K6TP-26/17H	K6CP-26/17H	18.5	25		264	225	218	207	187	162	111	68
K6TP-26/20H	K6CP-26/20H	22	30		310	265	256	244	220	190	130	80

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

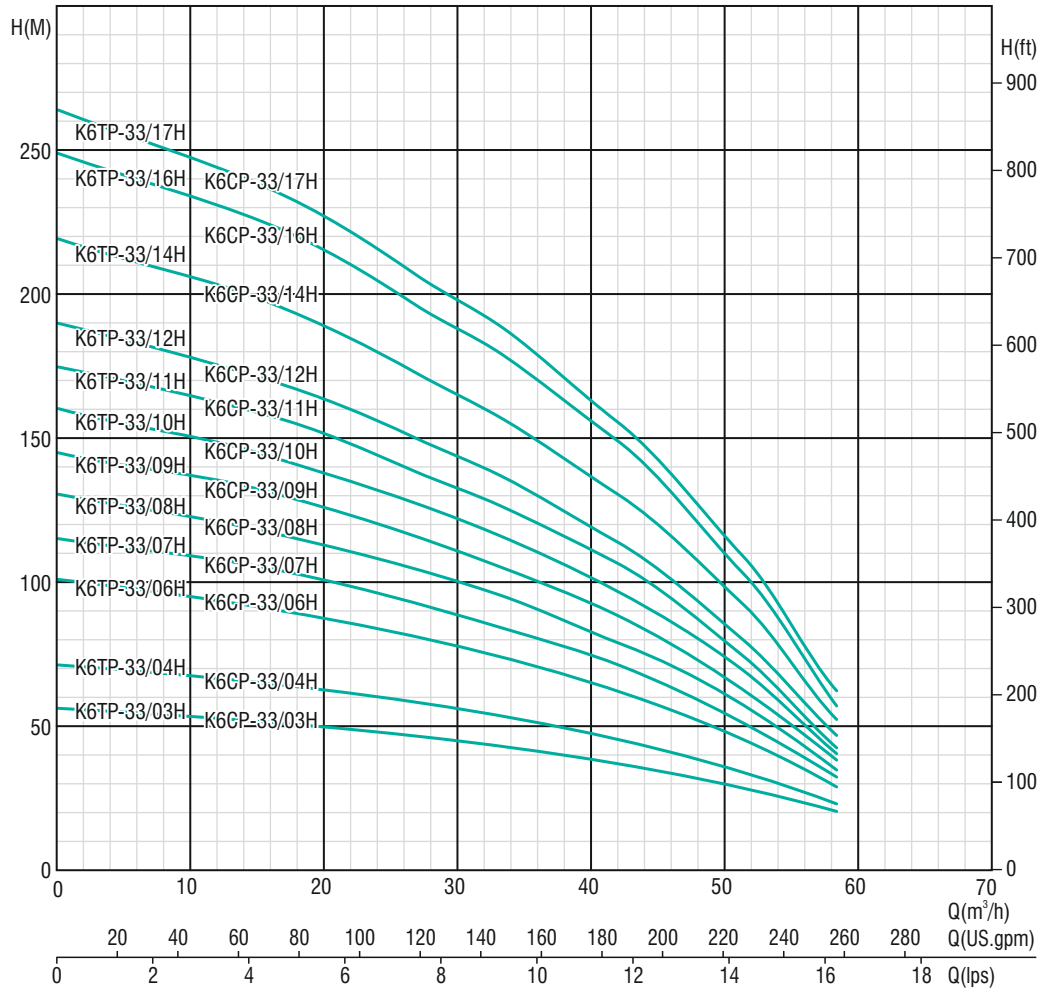
Nominal Flow: 33 m<sup>3</sup>/h

Outlet Size: 3"

**K6TP-33**  
**K6CP-33**

Performance Curve

2900 rpm



Model Casted SS-(HH)	Model Cast Iron-(HH)	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	15.0	20.4	27.0	33.0	42.0	51.6	58.8
		kW	HP		0	4.17	5.67	7.50	9.17	11.67	14.33	16.33
K6TP-33/03H	K6CP-33/03H	3.7	5	Head(m)	47	42	40	36	33	27	18	9
K6TP-33/04H	K6CP-33/04H	5.5	7.5		62	56	53	48	44	36	24	12
K6TP-33/06H	K6CP-33/06H	7.5	10		93	84	79	72	66	54	36	18
K6TP-33/07H	K6CP-33/07H	9.3	12.5		109	98	92	84	77	63	42	21
K6TP-33/08H	K6CP-33/08H	11	15		124	112	106	96	88	72	48	24
K6TP-33/09H	K6CP-33/09H	11	15		140	126	119	108	99	81	54	27
K6TP-33/10H	K6CP-33/10H	13	17.5		155	140	132	120	110	90	60	30
K6TP-33/11H	K6CP-33/11H	15	20		171	154	145	132	121	99	66	33
K6TP-33/12H	K6CP-33/12H	15	20		186	168	158	144	132	108	72	36
K6TP-33/14H	K6CP-33/14H	18.5	25		217	196	185	168	154	126	84	42
K6TP-33/16H	K6CP-33/16H	22	30		248	224	211	192	176	144	96	48
K6TP-33/17H	K6CP-33/17H	22	30		264	238	224	204	187	153	102	51

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# CASTED SS & CI SUBMERSIBLE PUMPS

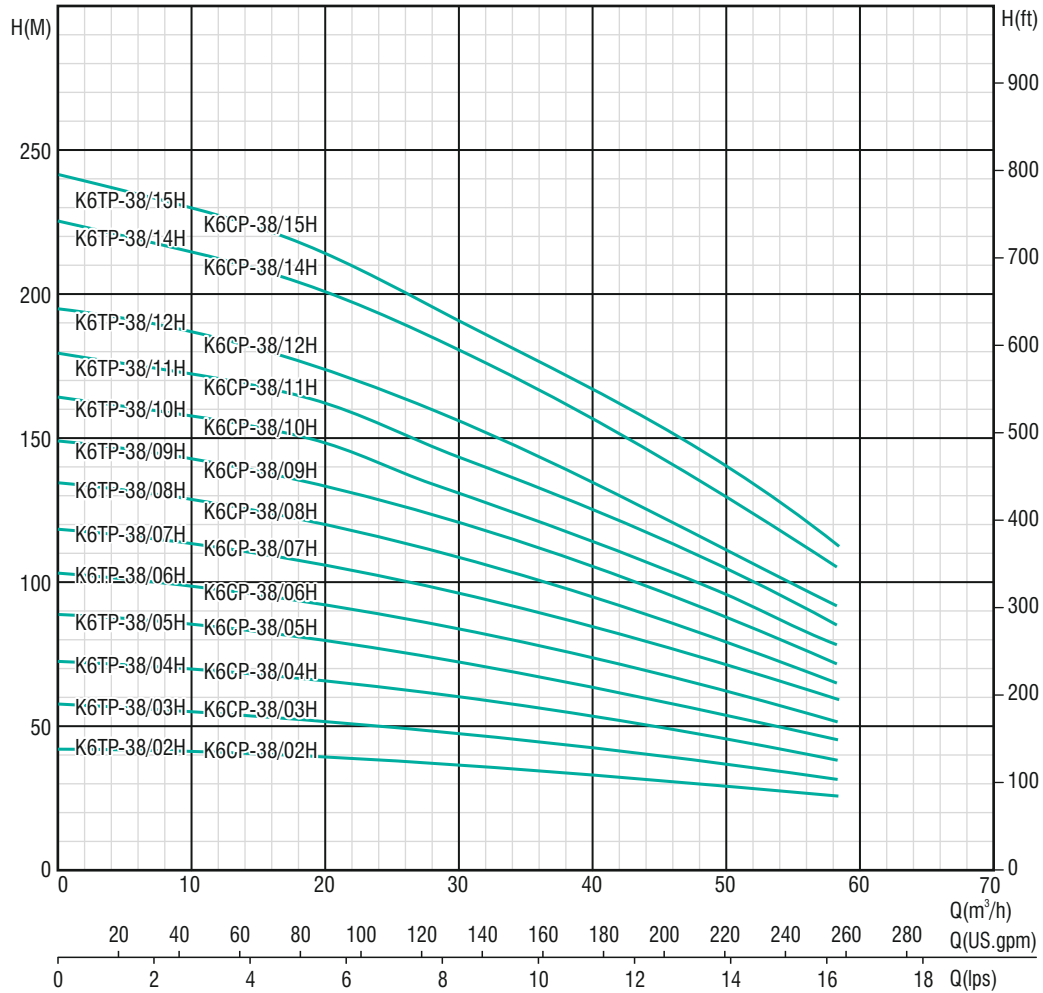
Nominal Flow: 38 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-38**  
**K6CP-38**



Model Casted SS-(HH)	Model Cast Iron-(HH)	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	18.6	28.5	34.8	37.8	42.6	48.6	57.6
		kW	HP		0	5.20	7.90	9.70	10.50	11.80	13.50	16.00
K6TP-38/02H	K6CP-38/02H	3	4	Head(m)	32	29	25	23	22	21	18	14
K6TP-38/03H	K6CP-38/03H	4.5	6		48	44	38	35	33	31	27	21
K6TP-38/04H	K6CP-38/04H	5.5	7.5		64	58	51	47	44	41	36	28
K6TP-38/05H	K6CP-38/05H	7.5	10		80	73	64	59	55	52	45	35
K6TP-38/06H	K6CP-38/06H	9.3	12.5		96	87	76	70	66	62	54	42
K6TP-38/07H	K6CP-38/07H	11	15		112	102	89	82	77	72	63	49
K6TP-38/08H	K6CP-38/08H	11	15		128	116	102	94	88	82	72	56
K6TP-38/09H	K6CP-38/09H	13	17.5		144	131	114	105	99	93	81	63
K6TP-38/10H	K6CP-38/10H	15	20		160	145	127	117	110	103	90	70
K6TP-38/11H	K6CP-38/11H	16.7	22.5		176	160	140	129	121	113	99	77
K6TP-38/12H	K6CP-38/12H	18.5	25		192	174	152	140	132	124	108	84
K6TP-38/14H	K6CP-38/14H	20.5	27.5		224	203	178	164	154	144	126	98
K6TP-38/15H	K6CP-38/15H	22	30		240	218	191	176	165	155	135	105

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.



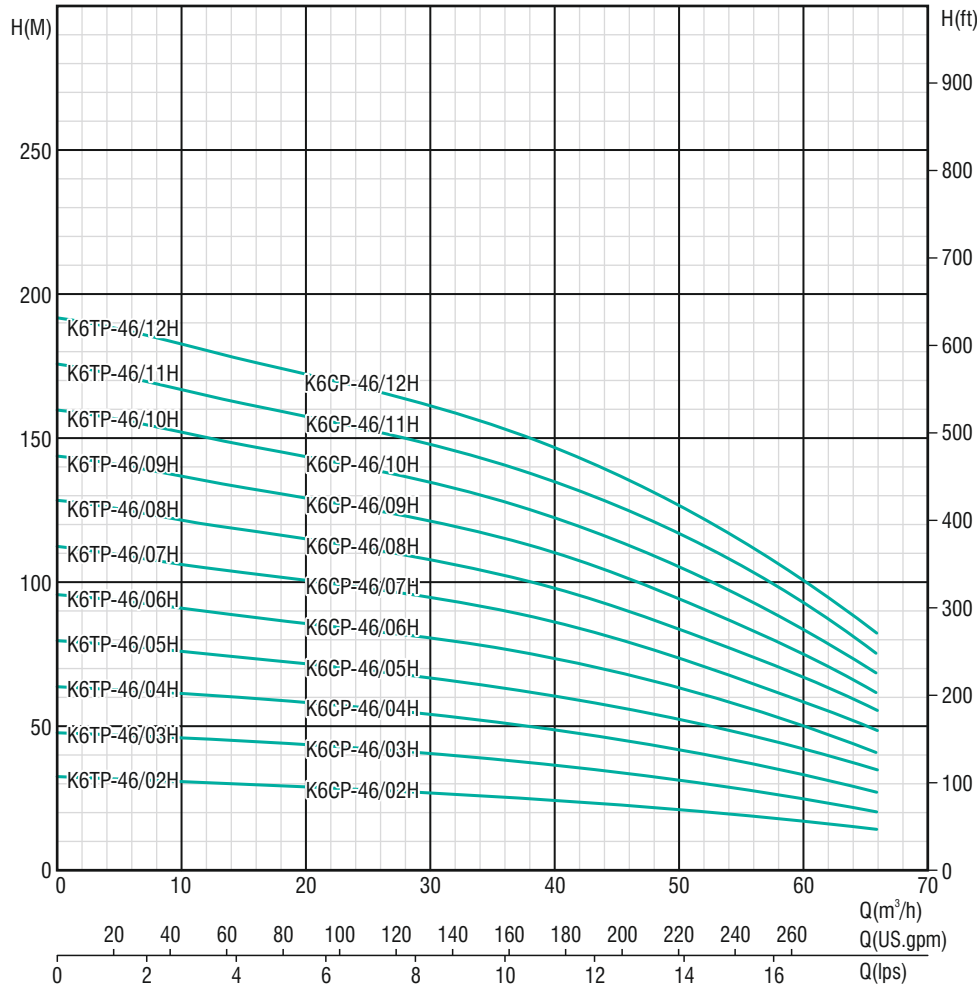
Nominal Flow: 46 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-46**  
**K6CP-46**



Model Casted SS-(HH)	Model Cast Iron-(HH)	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	30.0	36.0	42.0	46.8	51.0	57.0	66.0
		kW	HP		0	8.33	10.00	11.67	13.00	14.17	15.83	18.33
K6TP-46/02H	K6CP-46/02H	3.7	5	Head(m)	32	27	26	24	22	21	18	14
K6TP-46/03H	K6CP-46/03H	5.5	7.5		48	41	38	36	33	31	27	21
K6TP-46/04H	K6CP-46/04H	7.5	10		64	54	51	48	44	41	36	27
K6TP-46/05H	K6CP-46/05H	9.3	12.5		80	68	64	60	55	52	45	34
K6TP-46/06H	K6CP-46/06H	11	15		96	81	77	72	66	62	54	41
K6TP-46/07H	K6CP-46/07H	13	17.5		112	95	90	84	77	72	63	48
K6TP-46/08H	K6CP-46/08H	15	20		128	108	102	96	88	82	72	55
K6TP-46/09H	K6CP-46/09H	16.7	22.5		144	122	115	108	99	93	81	62
K6TP-46/10H	K6CP-46/10H	18.5	25		160	135	128	120	110	103	90	69
K6TP-46/11H	K6CP-46/11H	20.5	27.5		176	149	141	132	121	113	99	76
K6TP-46/12H	K6CP-46/12H	22	30		192	162	154	144	132	124	108	82

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

# CASTED SS & CI SUBMERSIBLE PUMPS

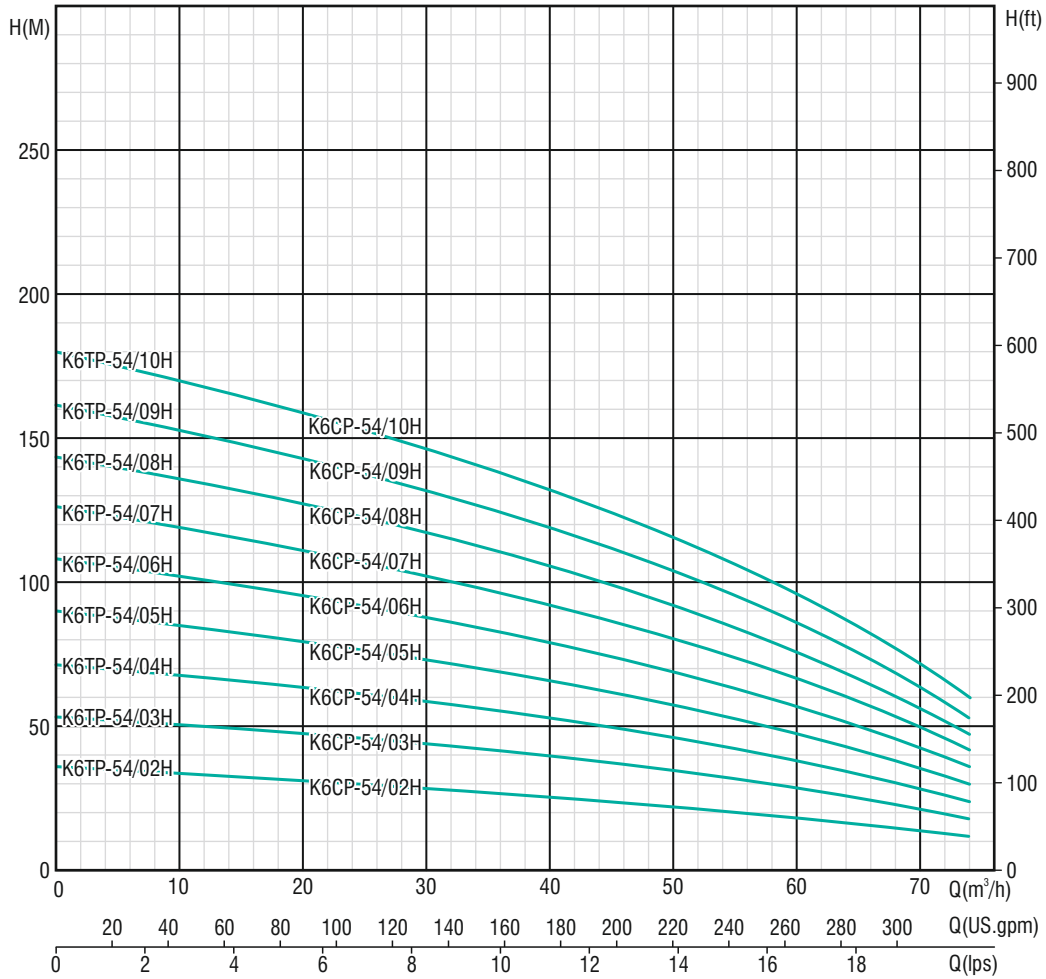
Nominal Flow: 54 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K6TP-54**  
**K6CP-54**



Model Casted SS-(HH)	Model Cast Iron-(HH)	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	24.6	34.8	48.6	54.0	61.2	69.6	75.0
		kW	HP		0	6.83	9.67	13.50	15.00	17.00	19.30	20.80
K6TP-54/02H	K6CP-54/02H	4.5	6	Head(m)	36	31	28	24	22	19	15	12
K6TP-54/03H	K6CP-54/03H	7.5	10		54	47	42	36	33	29	23	18
K6TP-54/04H	K6CP-54/04H	9.3	12.5		72	62	56	48	44	38	30	24
K6TP-54/05H	K6CP-54/05H	11	15		90	78	70	60	55	48	38	30
K6TP-54/06H	K6CP-54/06H	13	17.5		108	93	84	72	66	58	45	36
K6TP-54/07H	K6CP-54/07H	15	20		126	109	98	84	77	67	53	42
K6TP-54/08H	K6CP-54/08H	18.5	25		144	124	112	96	88	77	60	48
K6TP-54/09H	K6CP-54/09H	20.5	27.5		162	140	126	108	99	86	68	54
K6TP-54/10H	K6CP-54/10H	22	30		180	155	140	120	110	96	75	60

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

## Technical Specification

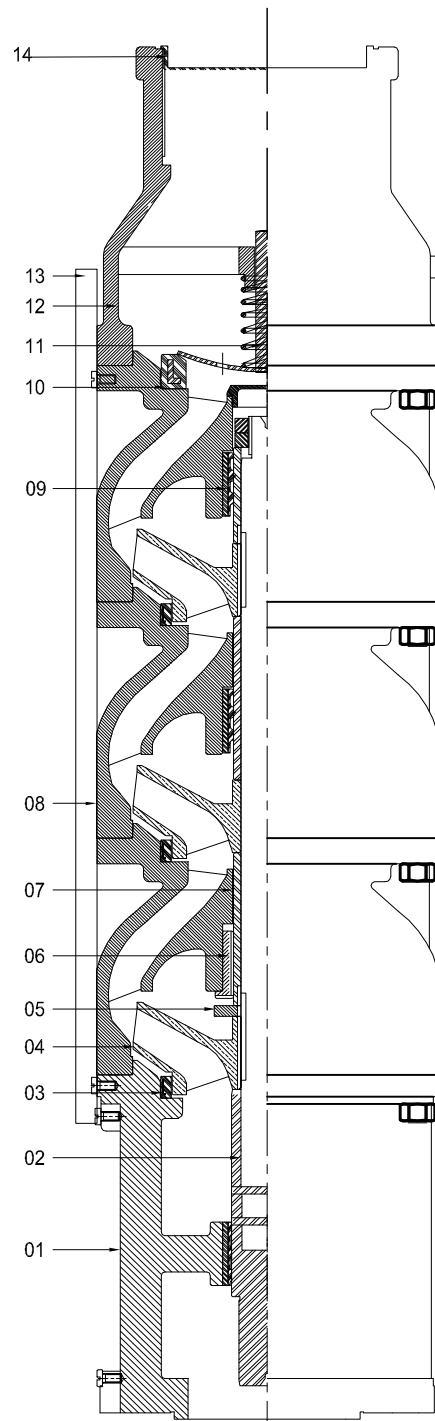
SERIES		8" CASTIRON / CASTED SS
Model		K8TP / K8CP
Power Range	KW	7.5 to 63 kW
	HP	10 to 85 HP
Nominal Outlet size	Inch	3" & 4"
	mm	80 & 100
Speed	rpm	2880
Discharge range	m <sup>3</sup> /h	24 to 150
	lpm	400 to 2500
	lps	6.67 to 41.67
Head range	m	14 to 300
	ft	46 to 984
Max. Outer Diameter	mm	195

## Materials of Construction

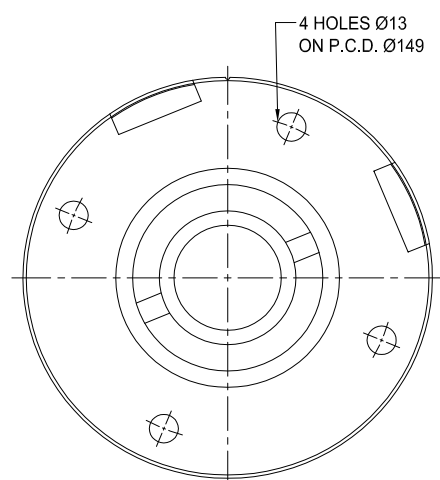
Models	K8CP	K8LP	K8TP	K8MTP
Suction Housing	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Discharge Housing	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Impeller	SS 410	Casted SS 410	Casted SS 304	Casted SS 316
Diffuser Chamber	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Pump Shaft	SS 420	SS 410	SS 304	SS 316
Check Valve Disc	SS 202	SS 410	SS 304	SS 316
Bush Diffuser chamber	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON
Wear ring	NBR / VITON + SS	NBR / VITON + SS	NBR / VITON + SS	NBR / VITON + SS
Upthrust Washer	SS 410	SS 410	SS 304	SS 316
Counter Bush	LTB-4	LTB-4	LTB-4	LTB-4
Sleeve	SS 410	SS 410	SS 410	SS 410
Cable Guard	SS 410	SS 410	SS 304	SS 316

# CASTED SS & CI SUBMERSIBLE PUMPS

## Cross Sectional Drawing: 8" Maxi Blue / Costa Series



Sr. No.	PART NAME
1	SUCTION HOUSING
2	PUMP SHAFT
3	WEAR RING
4	IMPELLER
5	THRUST WASHER
6	COUNTER BUSH
7	SLEEVE
8	BOWL
9	RUBBER BUSH
10	NRV RING
11	VALVE ASSY
12	DISCHARGE HOUSING
13	CABLE GUARD
14	NRV CAP



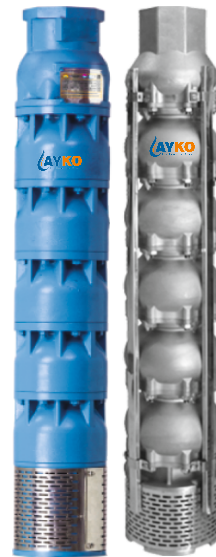
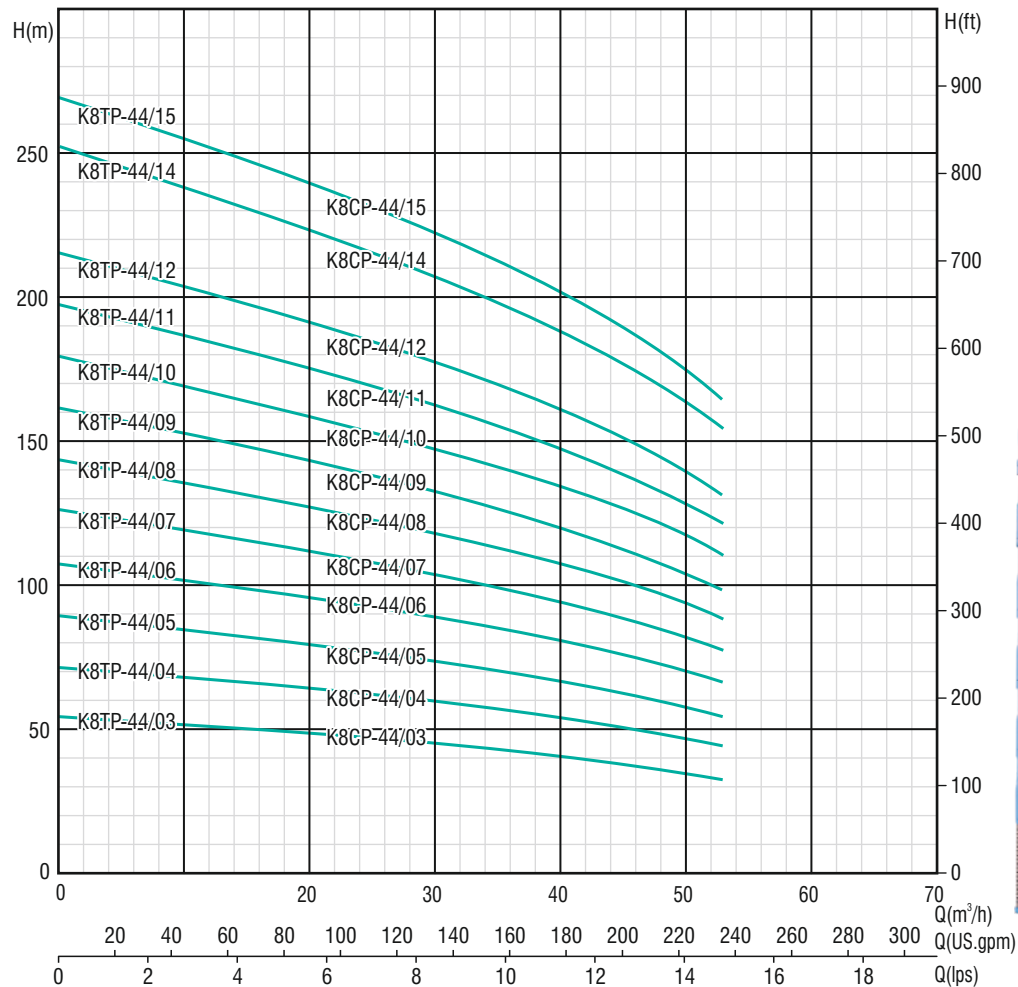
Nominal Flow: 44 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K8TP-44**  
**K8CP-44**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)							
		kW	HP		0	24.0	30.0	36.0	43.5	45.6	48.0	52.8
K8TP-44/03	K8CP-44/03	7.5	10	54	47	44	42	39	38	36	33	
K8TP-44/04	K8CP-44/04	9.3	12.5	72	62	59	56	52	50	48	44	
K8TP-44/05	K8CP-44/05	11	15	90	78	74	70	65	63	60	55	
K8TP-44/06	K8CP-44/06	13	17.5	108	93	89	84	78	75	72	66	
K8TP-44/07	K8CP-44/07	15	20	126	109	103	98	91	88	84	77	
K8TP-44/08	K8CP-44/08	18.5	25	144	124	118	112	104	100	96	88	
K8TP-44/09	K8CP-44/09	18.5	25	162	140	133	126	117	113	108	99	
K8TP-44/10	K8CP-44/10	22	30	180	155	148	140	130	125	120	110	
K8TP-44/11	K8CP-44/11	22	30	198	171	162	154	143	138	132	121	
K8TP-44/12	K8CP-44/12	26	35	216	186	177	168	156	150	144	132	
K8TP-44/14	K8CP-44/14	30	40	252	217	207	196	182	175	168	154	
K8TP-44/15	K8CP-44/15	33.5	45	270	233	221	210	195	188	180	165	

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# CASTED SS & CI SUBMERSIBLE PUMPS

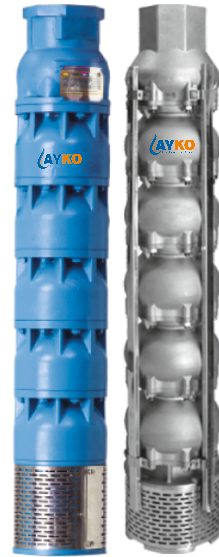
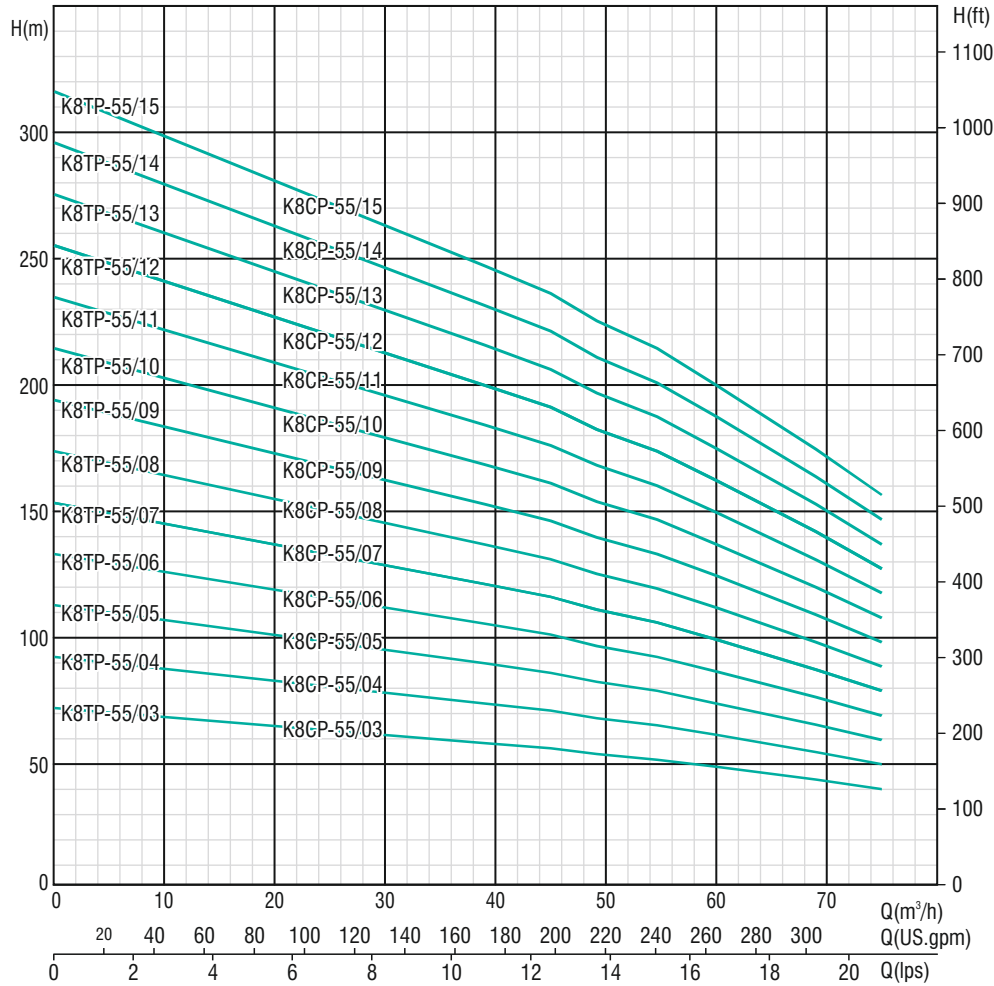
Nominal Flow: 55 m<sup>3</sup>/h

Outlet Size: 3"

Performance Curve

2900 rpm

**K8TP-55**  
**K8CP-55**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	39.0	45.0	49.2	55.0	60.0	69.0	75.0
		kW	HP		0	10.80	12.50	13.70	15.20	16.70	19.20	20.80
K8TP-55/03	K8CP-55/03	9.3	12.5	Head(m)	63	49	47	44	42	39	34	30
K8TP-55/04	K8CP-55/04	11	15		84	65	62	59	56	52	45	40
K8TP-55/05	K8CP-55/05	15	20		105	81	78	74	70	65	56	50
K8TP-55/06	K8CP-55/06	18.5	25		126	98	93	89	84	78	68	60
K8TP-55/07	K8CP-55/07	18.5	25		147	114	109	103	98	91	79	70
K8TP-55/07	K8CP-55/07	22	30		147	114	109	103	98	91	79	70
K8TP-55/08	K8CP-55/08	22	30		168	130	124	118	112	104	90	80
K8TP-55/09	K8CP-55/09	26	35		189	146	140	133	126	117	101	90
K8TP-55/10	K8CP-55/10	30	40		210	163	155	148	140	130	113	100
K8TP-55/11	K8CP-55/11	33.5	45		231	179	171	162	154	143	124	110
K8TP-55/12	K8CP-55/12	33.5	45		252	195	186	177	168	156	135	120
K8TP-55/12	K8CP-55/12	37	50		252	195	186	177	168	156	135	120
K8TP-55/13	K8CP-55/13	37	50		273	211	202	192	182	169	146	130
K8TP-55/14	K8CP-55/14	41	55		294	228	217	207	196	182	158	140
K8TP-55/15	K8CP-55/15	45	60		315	244	233	221	210	195	169	150

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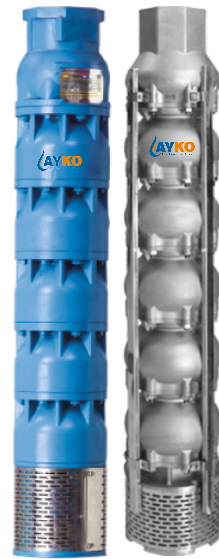
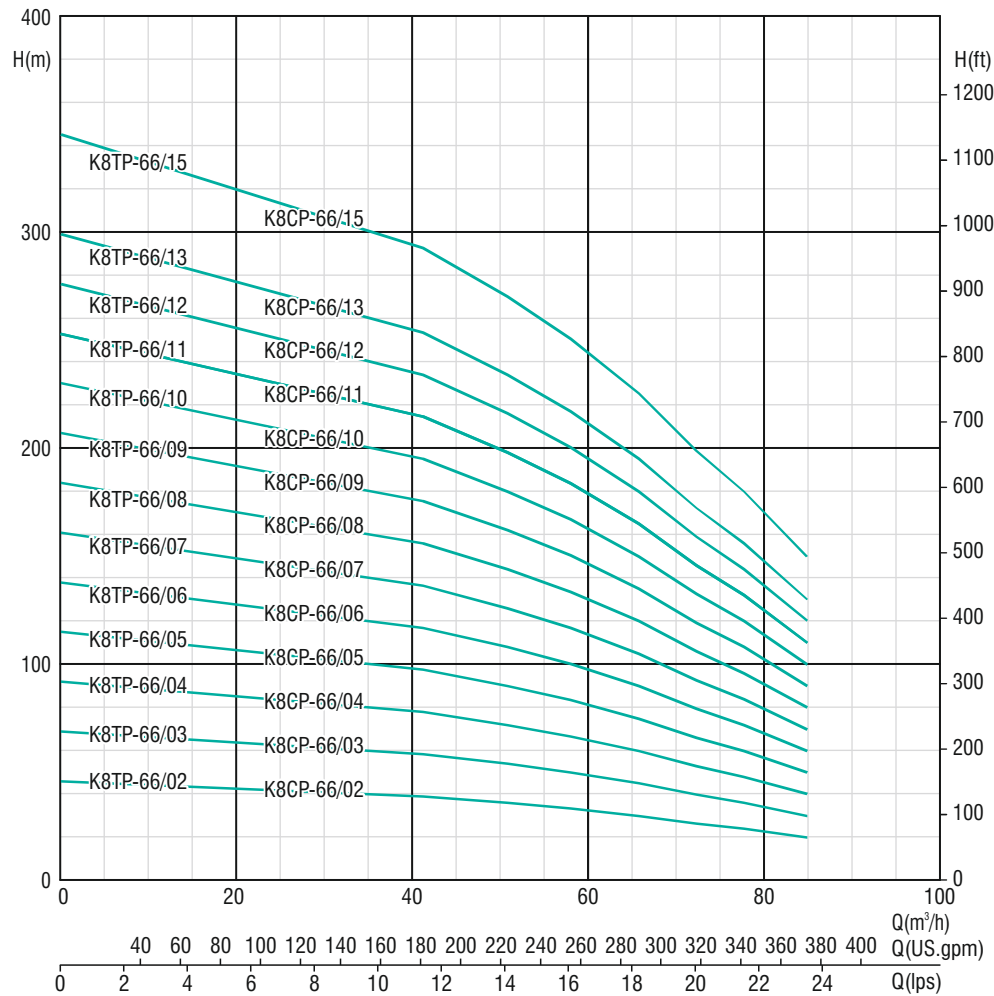
Nominal Flow: 66 m<sup>3</sup>/h

Outlet Size: 4"

**K8TP-66**  
**K8CP-66**

Performance Curve

2900 rpm



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head(m)							
		kW	HP		0	41.4	51.0	58.2	66.0	72.6	78.0	85.2
K8TP-66/02	K8CP-66/02	7.5	10	0	46	39	36	33	30	27	24	20
K8TP-66/03	K8CP-66/03	11	15	0	69	59	54	50	45	40	36	30
K8TP-66/04	K8CP-66/04	15	20	0	92	78	72	67	60	53	48	40
K8TP-66/05	K8CP-66/05	18.5	25	0	115	98	90	84	75	66	60	50
K8TP-66/06	K8CP-66/06	22	30	0	138	117	108	100	90	80	72	60
K8TP-66/07	K8CP-66/07	26	35	0	161	137	126	117	105	93	84	70
K8TP-66/08	K8CP-66/08	30	40	0	184	156	144	134	120	106	96	80
K8TP-66/09	K8CP-66/09	33.5	45	0	207	176	162	150	135	119	108	90
K8TP-66/10	K8CP-66/10	37	50	0	230	195	180	167	150	133	120	100
K8TP-66/11	K8CP-66/11	37	50	41.4	253	215	198	184	165	146	132	110
K8TP-66/11	K8CP-66/11	41	55	51.0	253	215	198	184	165	146	132	110
K8TP-66/12	K8CP-66/12	45	60	58.2	276	234	216	200	180	159	144	120
K8TP-66/13	K8CP-66/13	45	60	66.0	299	254	234	217	195	172	156	130
K8TP-66/15	K8CP-66/15	55	75	72.6	345	293	270	251	225	199	180	150

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# CASTED SS & CI SUBMERSIBLE PUMPS

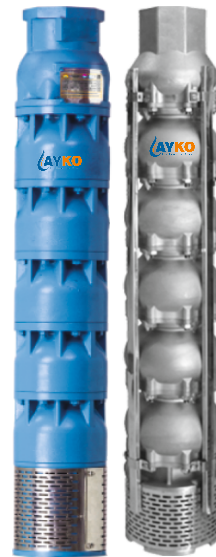
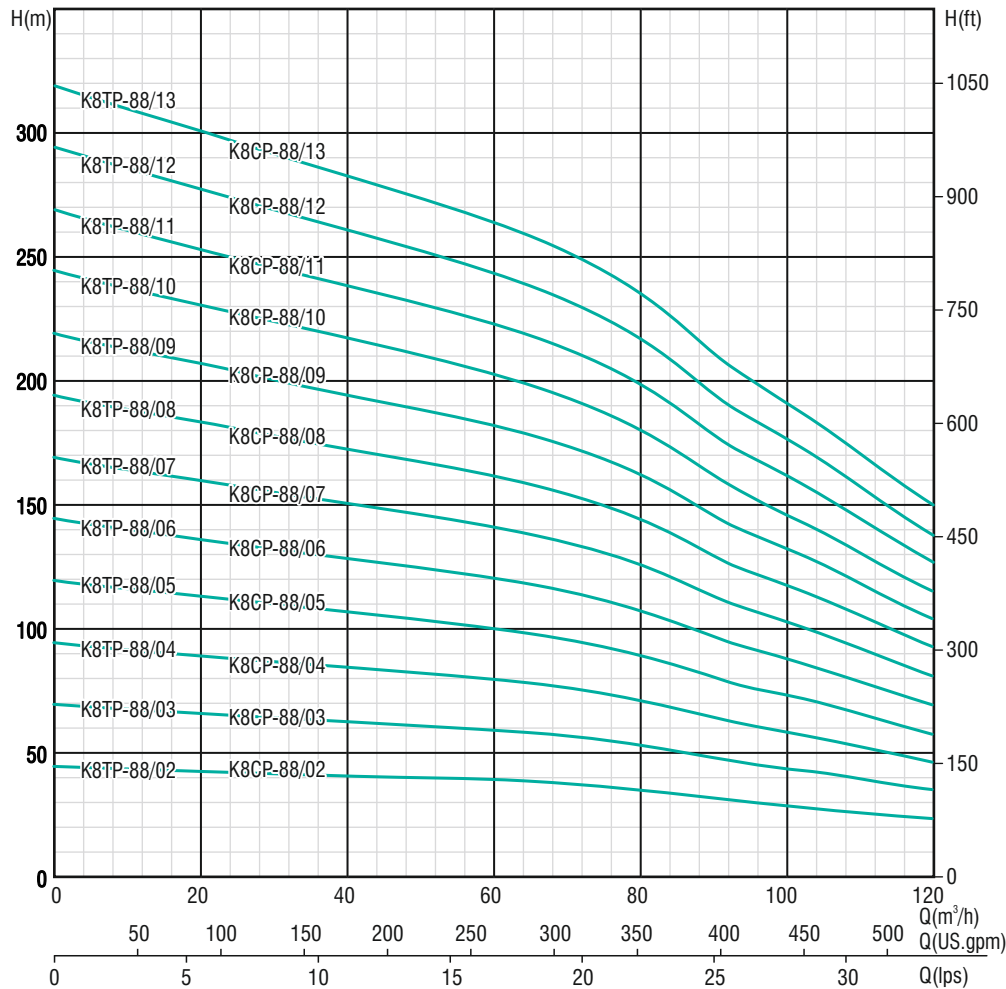
Nominal Flow: 88 m<sup>3</sup>/h

Outlet Size: 4"

Performance Curve

2900 rpm

**K8TP-88**  
**K8CP-88**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)							
		kW	HP		0	61.2	70.8	78.6	87.0	91.8	102.0	120.0
K8TP-88/02	K8CP-88/02	11	15	50	41	39	37	34	32	29	23	
K8TP-88/03	K8CP-88/03	15	20	75	62	59	56	51	48	44	35	
K8TP-88/04	K8CP-88/04	22	30	100	82	78	74	68	64	58	46	
K8TP-88/05	K8CP-88/05	26	35	125	103	98	93	85	80	73	58	
K8TP-88/06	K8CP-88/06	30	40	150	123	117	111	102	96	87	69	
K8TP-88/06	K8CP-88/06	33.5	45	150	123	117	111	102	96	87	69	
K8TP-88/07	K8CP-88/07	37	50	175	144	137	130	119	112	102	81	
K8TP-88/08	K8CP-88/08	41	55	200	164	156	148	136	128	116	92	
K8TP-88/09	K8CP-88/09	45	60	225	185	176	167	153	144	131	104	
K8TP-88/10	K8CP-88/10	55	75	250	205	195	185	170	160	145	115	
K8TP-88/11	K8CP-88/11	55	75	275	226	215	204	187	176	160	127	
K8TP-88/12	K8CP-88/12	63	85	300	246	234	222	204	192	174	138	
K8TP-88/13	K8CP-88/13	63	85	325	267	254	241	221	208	189	150	

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.



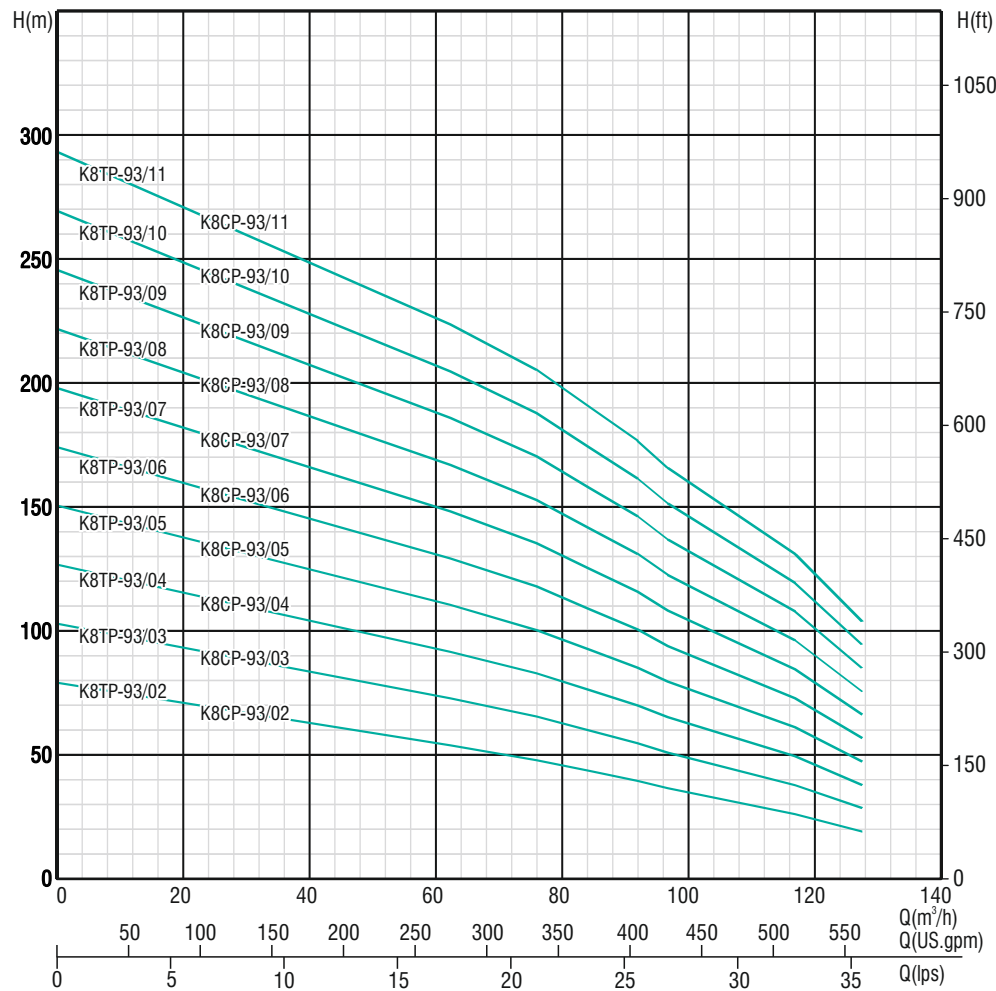
Nominal Flow: 93 m<sup>3</sup>/h

Outlet Size: 4"

Performance Curve

2900 rpm

**K8TP-93**  
**K8CP-93**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	63.0	76.8	85.2	93.0	97.8	118.2	129.0
		kW	HP		0	17.50	21.30	23.70	25.80	27.20	32.80	35.80
K8TP-93/02	K8CP-93/02	11	15	Head(m)	53	42	39	36	34	32	26	21
K8TP-93/03	K8CP-93/03	18.5	25		80	63	59	55	51	48	39	32
K8TP-93/04	K8CP-93/04	26	35		106	84	78	73	68	64	52	42
K8TP-93/05	K8CP-93/05	30	40		133	105	98	91	85	80	65	53
K8TP-93/06	K8CP-93/06	37	50		159	126	117	109	102	96	78	63
K8TP-93/07	K8CP-93/07	41	55		186	147	137	127	119	112	91	74
K8TP-93/08	K8CP-93/08	45	60		212	168	156	146	136	128	104	84
K8TP-93/09	K8CP-93/09	55	75		239	189	176	164	153	144	117	95
K8TP-93/10	K8CP-93/10	55	75		265	210	195	182	170	160	130	105
K8TP-93/11	K8CP-93/11	63	85		292	231	215	200	187	176	143	116

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# CASTED SS & CI SUBMERSIBLE PUMPS

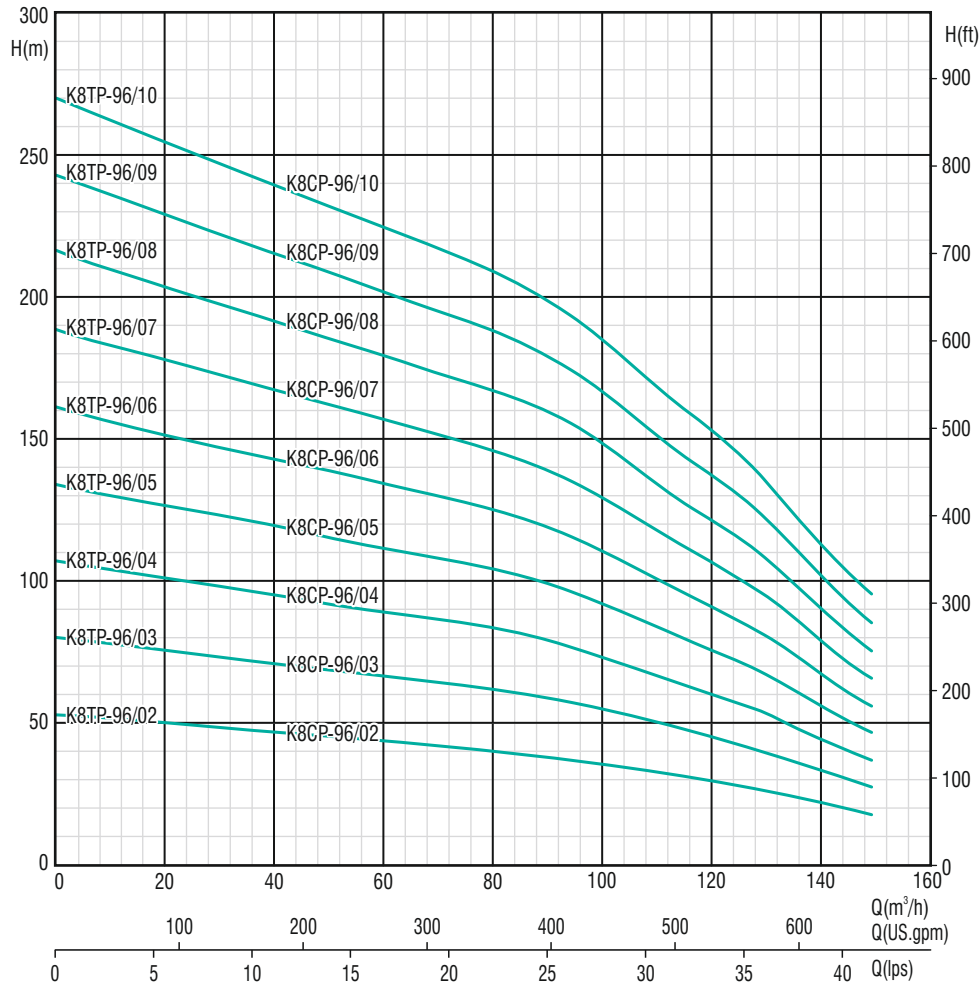
Nominal Flow: 96 m<sup>3</sup>/h

Outlet Size: 4"

Performance Curve

2900 rpm

**K8TP-96**  
**K8CP-96**



Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	Head (m)							
		kW	HP		0	81.0	89.0	96.0	108.0	126.0	135.0	147.0
K8TP-96/02	K8CP-96/02	13	17.5	54	42	40	38	34	28	24	19	
K8TP-96/03	K8CP-96/03	20	27.5	81	62	60	57	51	42	36	29	
K8TP-96/04	K8CP-96/04	26	35	108	83	80	76	68	56	48	38	
K8TP-96/05	K8CP-96/05	33.5	45	135	104	100	95	85	70	60	48	
K8TP-96/06	K8CP-96/06	41	55	162	125	120	114	102	84	72	57	
K8TP-96/07	K8CP-96/07	45	60	189	146	140	133	119	98	84	67	
K8TP-96/08	K8CP-96/08	55	75	216	166	160	152	136	112	96	76	
K8TP-96/09	K8CP-96/09	63	85	243	187	180	171	153	126	108	86	
K8TP-96/10	K8CP-96/10	63	85	270	208	200	190	170	140	120	95	

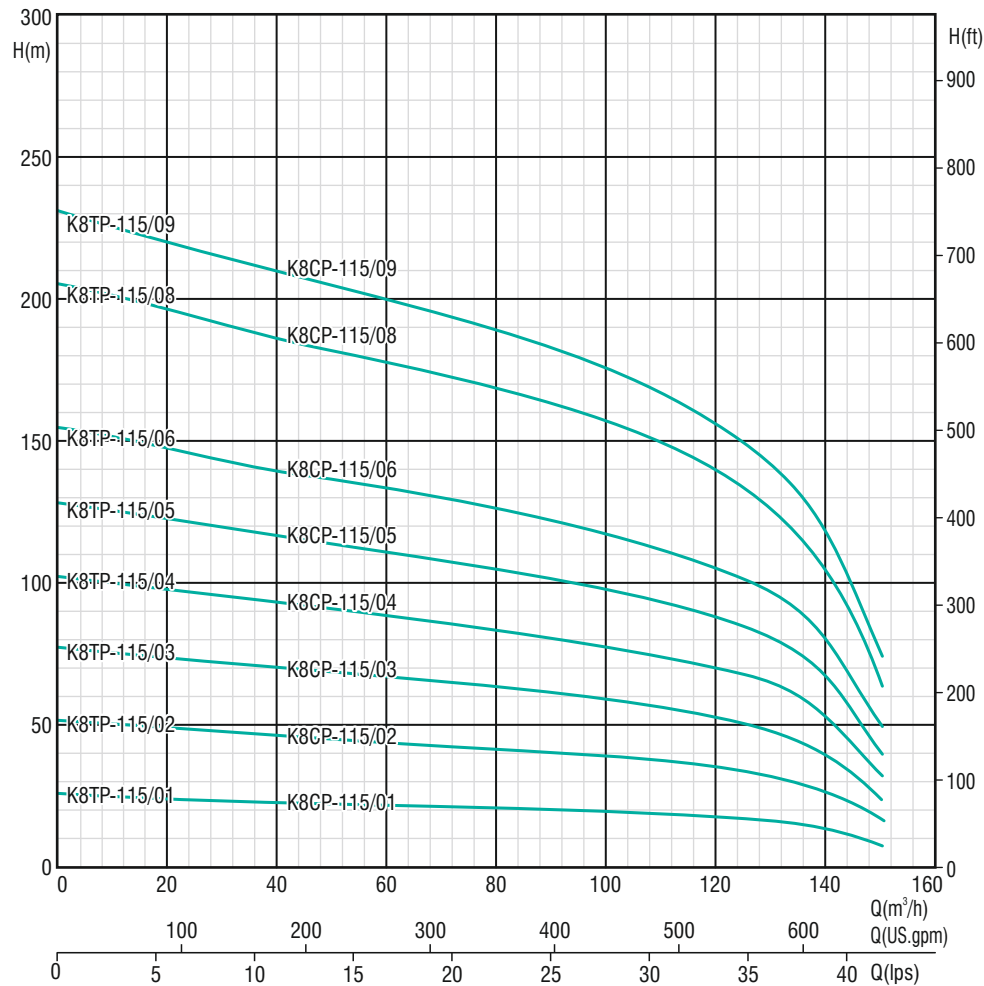
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Nominal Flow: 115 m<sup>3</sup>/h

Outlet Size: 4"

Performance Curve

2900 rpm



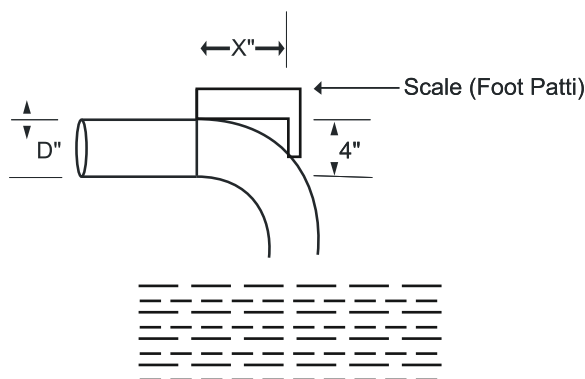
Model Casted SS Series	Model Cast Iron Series	Motor Power		Q(m <sup>3</sup> /h) Q(lps)	0	91.2	97.8	106.8	114.0	124.8	138.0	150.0
		kW	HP		0	25.30	27.20	29.70	31.70	34.70	38.30	41.70
K8TP-115/01	K8CP-115/01	7.5	10	Head(m)	26	20	20	19	18	17	14	8
K8TP-115/02	K8CP-115/02	15	20		51	40	39	38	36	34	28	16
K8TP-115/03	K8CP-115/03	22	30		77	61	59	56	54	50	42	24
K8TP-115/04	K8CP-115/04	30	40		102	81	78	75	72	67	56	32
K8TP-115/05	K8CP-115/05	37	50		128	101	98	94	90	84	70	40
K8TP-115/06	K8CP-115/06	45	60		154	121	118	113	108	101	84	48
K8TP-115/08	K8CP-115/08	55	75		205	162	157	150	144	134	112	64
K8TP-115/09	K8CP-115/09	63	85		230	182	176	169	162	151	126	72

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# PIPE FLOW RATE

HORIZONTAL DISTANCE (X) IN INCHES	NOMINAL PIPE DIAMETER (D)									
	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	
4	2	3	4	6	8	13	23	35	52	
5	2	3	5	8	11	17	28	45	65	
6	2	4	5	9	13	20	34	53	78	
7	3	5	6	11	15	23	40	63	91	
8	3	5	7	12	17	27	45	71	104	
9	3	6	8	14	19	30	51	80	117	
10	4	7	9	15	21	33	57	89	129	
11	4	7	10	17	23	37	62	98	143	
12	5	8	11	18	26	40	68	106	155	
13	5	9	12	20	28	43	74	116	169	
14	5	9	13	21	30	47	79	123	181	
15	6	10	14	23	32	50	85	133	193	
16	6	11	14	24	34	53	91	142	207	
17	7	11	15	26	36	57	96	151	221	
18	7	12	16	27	38	60	102	161	233	
19	7	13	17	29	40	63	108	169	247	
20	8	13	18	30	42	66	113	177	259	
21	8	14	19	32	45	70	119	187	272	
22	8	15	20	33	47	73	124	196	286	
23	9	15	21	35	49	77	130	204	298	
24	9	16	22	36	51	80	136	212	311	
25	10	17	23	38	53	83	142	222	324	
26	10	17	23	39	55	87	147	230	336	
27	10	18	24	41	57	90	153	240	350	
28	11	19	25	42	59	93	159	0	0	
29	11	19	26	44	62	96	164	0	0	
30	12	20	27	45	64	100	170	0	0	
31	0	0	28	47	66	103	0	0	0	
32	0	0	29	48	68	107	0	0	0	
33	0	0	30	50	70	110	0	0	0	
34	0	0	31	51	72	113	0	0	0	
35	0	0	32	53	74	117	0	0	0	

DISCHARGE IN LPM



Example :  
 Horizontal Distance X" = 20"  
 Nominal Pipe Diameter D" = 2"  
 Discharge = 504

# FRICITION LOSS TABLE



FRICITION LOSS IN METER FOR GALVANIZED PIPE (C-100/PER MTR.)									
Flow Rate In LPM	Nominal Pipe Dia in mm/inches								
	25/1"	32/1.25"	40/1.5"	50/2"	65/2.5"	80/3"	100/4"	125/5"	150/6"
30	0.098								
60	0.362	0.1197							
75	0.532	0.1808	0.0748						
96	0.840	0.2856	0.1181	0.0287					
120	1.260	0.4314	0.1785	0.0434					
150		0.0519	0.2697	0.0656	0.0221				
192		1.0293	0.4257	0.1035	0.0349				
240			0.6133	0.1565	0.0528	0.0217			
300			0.9721	0.2362	0.0798	0.0328			
480				0.5641	0.1903	0.0783			
600				0.8523	0.2875	0.1183	0.0291		
760				1.2879	0.4345	0.1788	0.0440		
960				2.0332	0.6859	0.2823	0.0695	0.0235	
1200				3.0727	1.0365	0.4265	0.1051	0.0354	
1500					1.5662	0.6445	0.1588	0.0536	0.0220
1920					2.4728	1.0176	0.2507	0.0846	0.0348
2400						1.5376	0.3788	0.1278	0.0526
2400							0.3788	0.1278	0.0526
3000							0.5724	0.1931	0.0795
3600							0.8020	0.2705	0.1113
4800							1.3656	0.4606	0.1896
6000								0.6960	0.2864
7500								1.0518	0.4328

FRICITION LOSS IN METER FOR GALVANIZED PIPE (C-100/PER MTR.)									
Flow Rate In LPM	Nominal Pipe Dia in mm/inches								
	25/1"	32/1.25"	40/1.5"	50/2"	65/2.5"	80/3"	100/4"	125/5"	150/6"
30	0.046								
60	0.166	0.0565							
75	0.251	0.0854	0.0353						
96	0.397	0.1349	0.0558	0.0136					
120	0.599	0.2038	0.0843	0.0205					
150		0.3079	0.1274	0.0310	0.0104				
192		0.4861	0.2011	0.0489	0.0165				
240			0.3039	0.0739	0.0249	0.0103			
300			0.4591	0.1117	0.0377	0.0155			
480				0.2661	0.0899	0.0370			
600				0.4025		0.0559	0.0139		
760				0.6083	0.2052	0.0844	0.0208		
960				0.9604	0.3240	0.1333	0.0328	0.0111	
1200				1.4513	0.4895	0.2015	0.0496	0.0167	
1500					0.7397	0.3044	0.0750	0.0253	0.0104
1920					1.1679	0.4806	0.1184	0.0399	0.0164
2400						0.7262	0.1789	0.0604	0.0248
2400							0.1789	0.0604	0.0248
3000							0.2703	0.0912	0.0375
3600							0.3788	0.1278	0.0526
4800							0.6150	0.2176	0.0895
6000								0.3288	0.1353
7500								0.4968	0.2044







AYKO FLOWMATICK  
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