



**SUBMERSIBLE PUMPS
CATALOGUE
- 50 Hz**



Our Ethos

Success through
Advanced,
Manufacturing excellence by
Understanding our customers &
Developing sustainable
Relationships to create
Amazing products and services!

Vision

To be a global engineering icon
by putting people first
& giving back to society.

Mission

Delivering exceptional products and services
by creating long term, sustainable partnerships
& generating stakeholder value

Quality Policy

Samudra Pumps is committed to provide world class Pumps and Motors solutions and services.

We deliver Customer Satisfaction through Total Employee Involvement and Continual Improvement
and excel at achieving the highest Quality standards and Regulatory compliance.

Samudra Pumps is a recognized manufacturer of a wide range of premium **Borewell Submersible & Surface pumps, Solar Pumps Motors, Wastewater Pumps, Hydro-pneumatic systems, Pipes, Cables, Control Panels,** and other related accessories to cater to almost all sectors, including **Residential, Agriculture, Industrial, Urban & Commercial, Solar, Utility & Wastewater.**

Established in 2020, Samudra Pumps is the brainchild of Mr. Shivan Ramachandran, who serves as the founder and CEO. In his previous tenure, Mr. Shivan served as the Joint MD of Texmo Industries, one of India's leading pump behemoths. He was responsible for developing some of the most lauded products in the industry. Samudra's leadership team consists of highly skilled veterans with an average of 25+ years of industry-specific experience. Samudra considers its people its most valuable resource. Every member at Samudra is committed to constantly innovate and to provide value to its customers. The Samudra management believes in empowering its workforce and keeping them motivated.

Samudra Pumps strongly believe in the importance of Research & Development. Having implemented some of the best and cutting-edge technologies in hydraulic design, RPT (Rapid Prototyping Technologies), including the use of 3D printing, lean manufacturing systems – pioneering the use of several Industry 4.0 tools, and creating strategic joint ventures with several global technology companies. R&D is truly the lifeline at Samudra.

We take pride in our state-of-the-art production facilities. Our manufacturing process is further strengthened with a broad spectrum of modern and sophisticated machinery for precision, utilizing some of the best-in-class technologies from around the world. Our dedicated team of highly trained and talented workforce and production engineers ensures consistency and reliability at every stage of the manufacturing process to create a product that meets the highest global standards.

We take our quality extremely serious. Our pumps are of the highest quality, extremely durable, and reliably backed by excellent service and a comprehensive warranty. Our product goes through multiple quality checks at every stage of the production process. A dedicated QC team works relentlessly to check durability, performance, precision, and dimensional accuracy to make a product worthy of international quality standards. As quality is the very foundation on which Samudra is built, we constantly strive to implement the highest standards and regulations that would shape our products and processes for the better. This is substantiated by Samudra having been awarded and recognized for several quality systems and product standards like **ISO, ISI, CE, BEE**, amongst many others.

We at Samudra believe in building long-lasting relationships with our vendors, dealers, and authorized service centres. We work closely with our partners and stakeholders to create a jointly successful future based on solid bonds and mutual trust. On a rapid growth path, Samudra in its 3-year journey, has established over 700 strong channel partners with over 15 branches, selling over 2000 different models across various product groups.



S.No	Contents	Page No.
1	Stainless Steel Series - General Info	1 - 4
2	Cross-Sectional Drawings & Materials of Construction (4S, 6S, 8S & 10S)	5 - 7
3	4 " Stainless Steel Submersible Pump	8 - 19
4	6 " Stainless Steel Submersible Pump	20 - 39
5	8 " Stainless Steel Submersible Pump	40 - 43
6	10 " Stainless Steel Submersible Pump	44 - 53



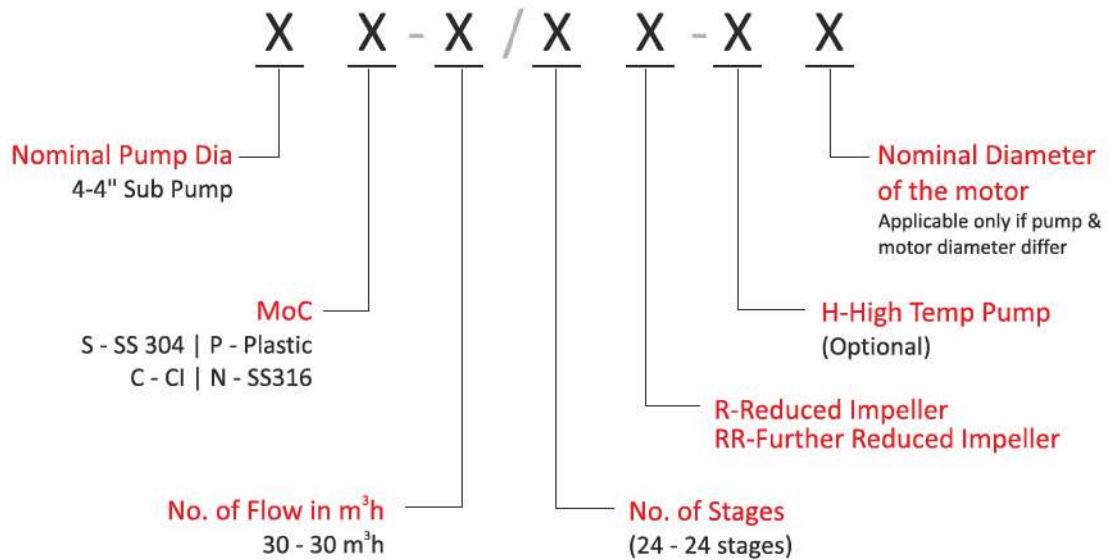
Samudra's SS - Series Submersible pumps are Fully Stainless Steel Borewell / Borehole / Deepwell / Tubewell / Pencil Type pumps used for Ground / Underwater pumping applications. These pumps are available in 4", 6", 8" & 10" diameters.

These are all Multistage type pumps of either Radial / Mixed flow impellers according to the flow and head requirement. State-of-the Art manufacturing of Samudra submersible pumps ensures effective & efficient operations for longer years. The vital parts like Impellers & Diffusers are designed optimal to ensure the best possible hydraulic efficiency. Build in check valve prevents back-flow of water and thus avoids the risk of water hammering. These series pumps are light in weight because of fabricated constructions. Higher stage / flow / head pumps are provided with cast top adaptor & suction bracket for durability & make the pumps more rigid.

The mounting standards are as per NEMA and can be coupled to any NEMA standard motors. These pumps are available both in SS304 & SS 316 constructions. These series pumps can give the discharge of 1 m³/h to 215 m³/h [nominal flow] and the maximum flow is 280 m³/h. The maximum head of these pumps are 1150 meters in 6" models.

Model Identification Code

BOREHOLE SUBMERSIBLE PUMPS



Curve Conditions

- The given performances are for the clear water of specific gravity 1
- The given the performances are for the ideal conditions the actual performance may vary according the field parameters
- The performances are applicable for the nominal speed of 2900 rpm
- In-built non-return valve losses included in the performance.
- Actual friction & fitting losses to be considered while calculating the system head.
- The curve tolerance according to ISO 9906, Grade-3B.
- The Pumps shall be selected only for the flows for which efficiency curve has been plotted [operating range] and pumps shall not be selected for rest of the region.
- Hydraulic Performances of the pumps are same for all types Materials of constructions of stainless steel pump series.
- Minimum Submergence of pump required is 3 mtrs.
- The efficiency & Power given in the curves are per stage

Liquid Characteristics

General Characteristics	Clean, Clear, Cold, Non-Aggressive, Non-explosive water, free from Dirts, mud, solids, fibres , foreign particles
Max. Liquid Temperature	40°C [Standard Pumps with NBR components] 90°C [High Temp. Pumps with Viton Rubber components]
Max. Water Hardness	300 ppm
Max. Permissible amount of sand	50 g/m ³
Max. Allowable Solids	3000 ppm
Viscosity	8.9 x 10 ⁻⁴ kg/(ms)
pH Range	5 - 8.5
Max. Chlorine Ion Density	500 ppm
Max. CO2 content	100 g/l
Max. Specific Gravity	1.004
Max. Turbidity	50 ppm (Silica scale)
Max. Altitude	3000 masl

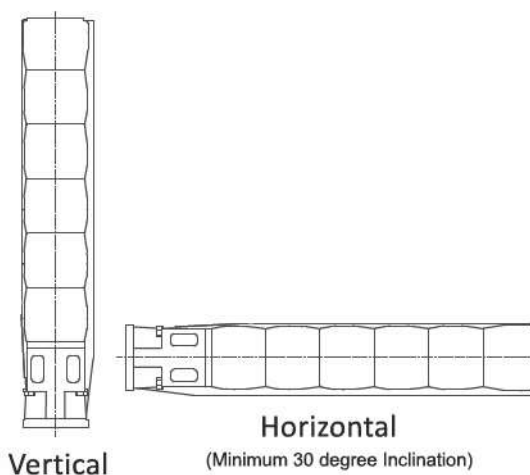
Technical Specification

Nominal Diameter	4" (100 mm)	6" (150mm)	8" (200mm)	10" (250mm)
Power Range	0.37 - 7.5 (kW) / 0.5 - 10 HP	0.55 - 93 (kW) / 0.75 - 125 HP	5.5 - 75 (kW) / 7.5 - 100 HP	7.5 - 185 (kW) / 10 - 250 HP
Nominal Speed	2900 rpm	2900 rpm	2900 rpm	2900 rpm
Flow Range	1 - 18.0 m ³ /h	6 - 78.0 m ³ /h	48 - 120.0 m ³ /h	48 - 276 m ³ /h
Shut-off Head	510 m	1100 m	400 m	485 m
Outlet sizes	1¼", 1½", 2"	2", 2½", 3", 4"	5"	6"
Shaft Coupling	Splines	Splines	Splines	Splines/Keyway
Mounting Standard	NEMA	NEMA	NEMA	NEMA/INTERNATIONAL STD
Max. Operating Pressure	50 bar	100 bar	40 bar	48 bar
Outlet Thread Standard	BSP	BSP	BSP	BSP

Features

- Optimal Design
- Precisely made parts
- High Operating efficiency
- Easy to handle & Repair
- NEMA mounting standard
- Good resistance to salt
- Free from Corrosion
- Hygiene
- Durable

Installation



Applications



Residential



Irrigation



General
Water supply



Industrial



Commercial
Buildings



Solar



Hydro pneumatic
Application



Hotel



Mining



Gardening



Fountain



Oil & gas



Domestic
Water supply



Food
Industry



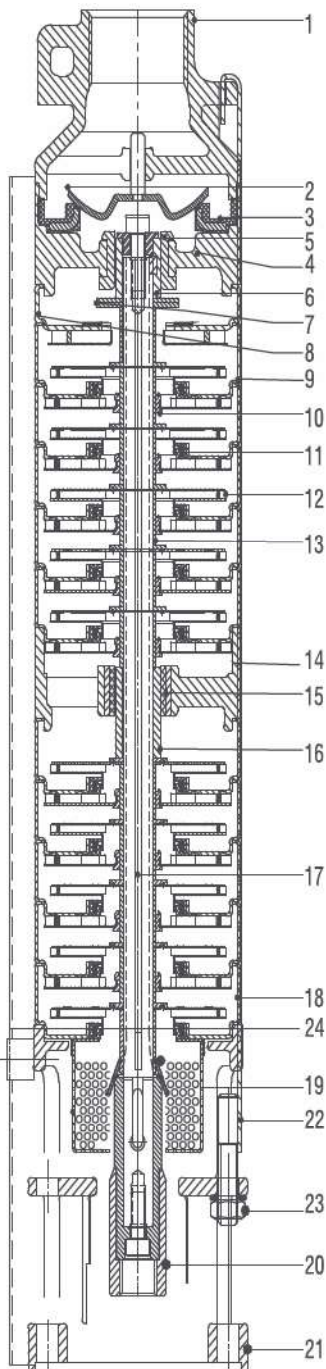
Livestock
Watering



Sprinkler
System

Cross-Sectional Drawings & Materials of Construction

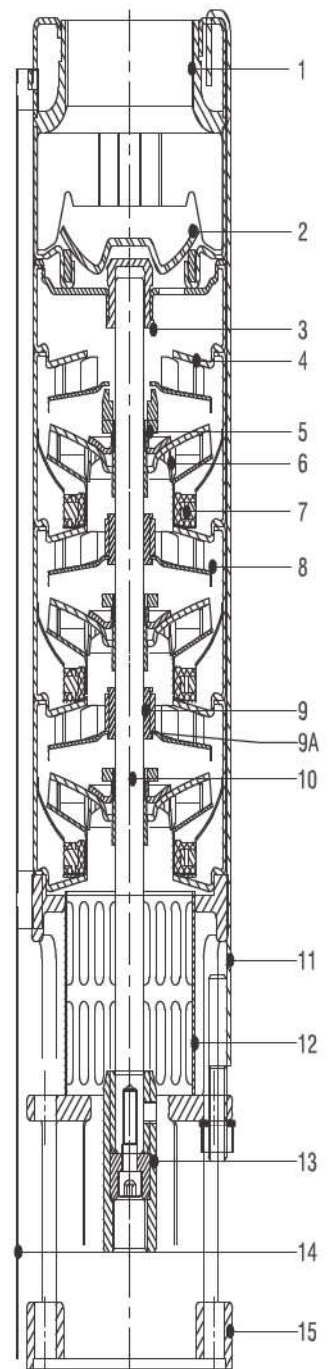
4"
(2, 3 & 5 m³/h)



MOC - 4" (2, 3 & 5 m³/h)

P.NO.	PART NAME	MATERIAL
1	NRV	SS 304
2	VALVE	SS 304
3	VALVE SEAT	NBR
4	TOP BEARING HOUSING	SS 304
5	TOP BEARING HOUSING BUSH	NBR
6	TOP BEARING HOUSING SLEEVE	SS 304
7	THRUST WASHER	SS 304
8	TOP DIFFUSER	SS 304
9	DIFFUSER	SS 304
10	BEARING BUSH	NBR
11	NECK RING	NBR + PPS.
12	IMPELLER	SS 304
13	STAGE SLEEVE	SS 304
14	MIDDLE BEARING HOUSING	SS 304
15	MIDDLE BEARING HOUSING BUSH	NBR + S.S.304
16	MIDDLE BEARING HOUSING SLEEVE	SS 304
17	PUMP SHAFT	SS 431
18	FIRST STAGE DIFFUSER	SS 304
19	STRAINER	SS 304
20	NEMA COUPLING	SS 304
21	SUCTION INTER CONNECTOR	SS 304
22	CLAMPING STRIP	SS 304
23	HEX NUT	SS 304
24	CABLE GUARD	SS 304

4"
(8 & 14 m³/h)

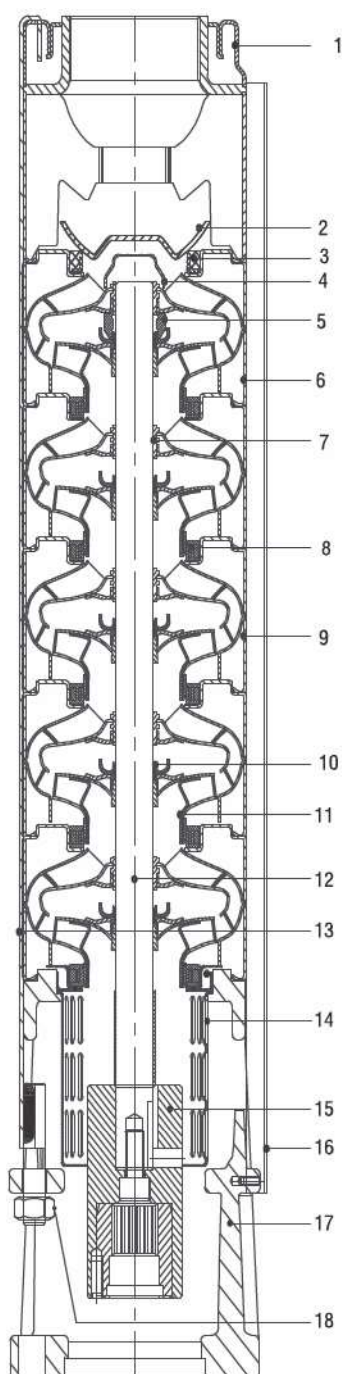


MOC - 4" (8 & 14 m³/h)

NO.	PART NAME	MATERIAL
1	NRV	SS 304
2	VALVE	SS 304
3	TOP BEARING BUSH	NBR
4	TOP DIFFUSER	SS 304
5	COLLET & COLLET NUT	SS 304
6	IMPELLER	SS 304
7	NECKRING	NBR + NYLON
8	DIFFUSER	SS 304
9	BEARING BUSH	NBR
9A	STAGE SLEEVE	SS 304
10	PUMP SHAFT	SS 431
11	CLAMPING STRIP	SS 304
12	STRAINER	SS 304
13	NEMA COUPLING	SS 304
14	CABLE GUARD	SS 304
15	SUCTION INTER CONNECT	SS 304

Cross-Sectional Drawings & Materials of Construction

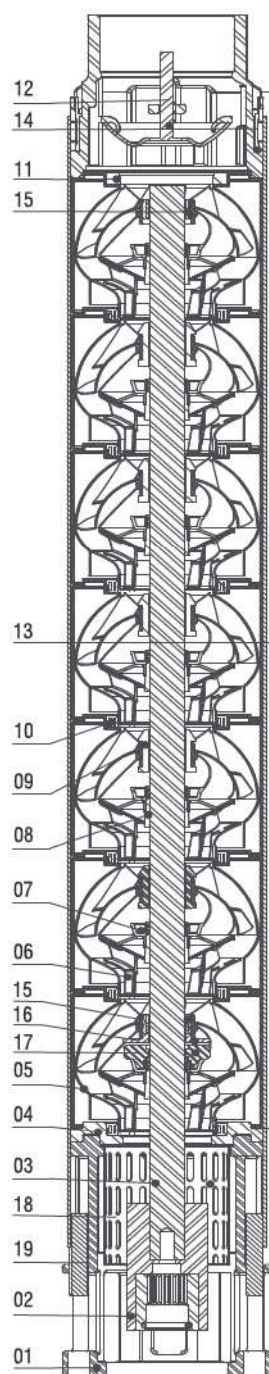
6"
(9 & 17 m³/h)



MOC - 6" (9 & 17 m³/h)

NO.	PART NAME	MATERIAL
1	NRV	SS 304
2	VALVE	SS 304
3	VALVE SEAT	NBR + S.S.304
4	TOP CAP	SS 304
5	SPACING WASHER	PTFE
6	INTERMEDIATE CHAMBER TOP	SS 304
7	BEARING BUSH	NBR
8	NECKRING	NBR + NYLON
9	INTERMEDIATE CHAMBER	SS 304
10	COLLET & COLLET NUT	SS 304
11	IMPELLER	SS 304
12	PUMP SHAFT	SS 431
13	CLAMPING STRIP	SS 304
14	STRAINER	SS 304
15	NEMA COUPLING	SS 304
16	CABLE GUARD	SS 304
17	SUCTION INTER CONNECTOR	SS 304
18	HEX NUT	SS 304

6"
(30 m³/h)

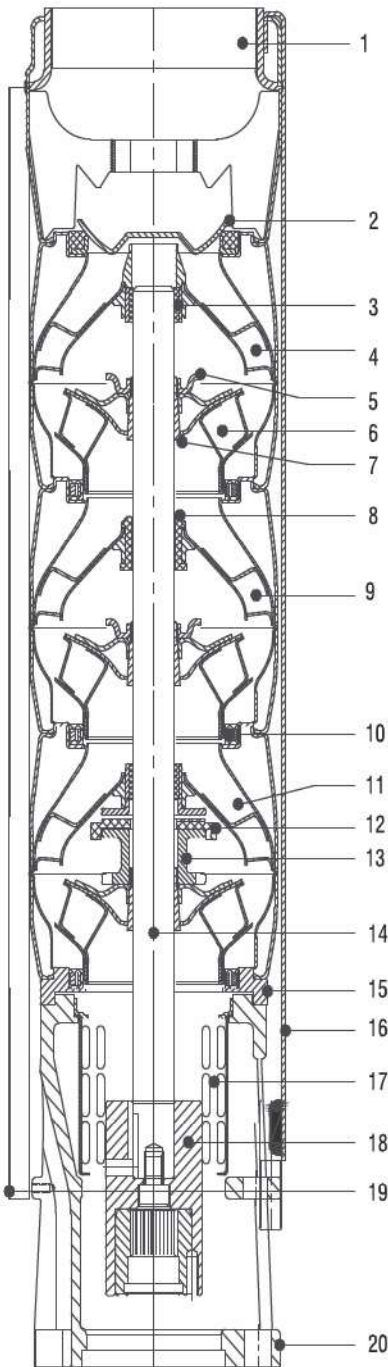


MOC - 6" (30 m³/h)

NO.	PART NAME	MATERIAL
1	SUCTION INTER CONNECTOR	SS 304
2	COUPLING	SS 304
3	SHAFT	SS 431
4	SUCTION CONNECTOR	SS 304
5	CHAMBER	SS 304
6	IMPELLER	SS 304
7	COLLET NUT	SS 304
8	COLLET	SS 304
9	STAGE RUBBER BUSH	NBR
10	NECK RING	NBR + NYLON66
11	VALVE SHEET	SS+RUBBER
12	VALVE	SS 304
13	CABLE GUARD	SS 304
14	NRV	SS 304
15	BEARING BUSH TOP&BOTTOM	NBR+SS 304
16	STOP RING	SS 304
17	SPACING WASHER	CFT 25%
18	STRAINER	SS 304
19	CLAMPING STRIP	SS 304

Cross-Sectional Drawings & Materials of Construction

6"
(46 & 60 m³/h)



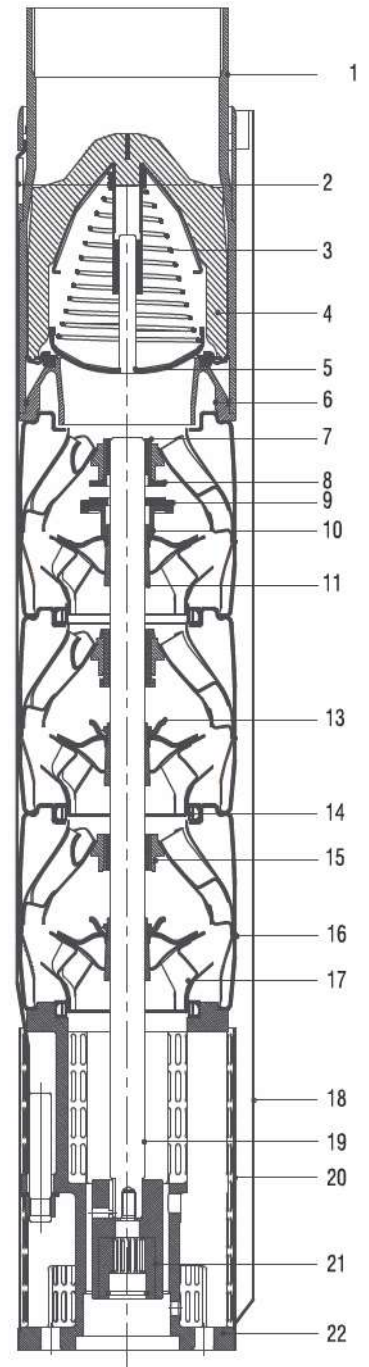
MOC - 6" (46 & 60 m³/h)

NO.	PART NAME	MATERIAL
1	NRV	SS 304
2	VALVE	SS 304
3	TOP & FIRST BEARING BUSH	NBR + SS 304
4	CHAMBER TOP	SS 304
5	COLLET NUT	SS 304
6	IMPELLER	SS 304
7	COLLET	SS 304
8	BEARING BUSH	NBR
9	INTERMEDIATE CHAMBER STAGE	SS 304
10	NECK RING	NBR + NYLON
11	INTERMEDIATE CHAMBER	SS 304
12	SPACING WASHER	25% CFT
13	FIRST STAGE NUT	SS 304
14	PUMP SHAFT	SS 431
15	CONNECTOR	SS 304
16	CLAMPING STRIP	SS 304
17	STRAINER	SS 304
18	NEMA COUPLING	SS 304
19	CABLE GUARD	SS 304
20	SUCTION INTER CONNECTOR	SS 304

MOC - 8" & 10" (77 to 215 m³/h)

NO.	PART NAME	MATERIAL
1	NRV	SS 304
2	CLAMPING STRIP	SS 304
3	SPRING	SS 304
4	VALVE GUIDE RIB ASSEMBLY	SS 304
5	VALVE ASSEMBLY	SS 304
6	VALVE SEAT HOUSING	SS 304
7	FIRST STAGE BEARING BUSH	SS + NBR
8	STOP RING	SS 304
9	SPACING WASHER	25% CFT
10	FIRST STAGE NUT	SS 304
11	IMPELLER COLLET	SS 304
12	BEARING BUSH STAGE	NBR
13	COLLET NUT	SS 304
14	NECKRING	NBR + NYLON
15	SLEEVE	SS 304
16	CHAMBER	SS 304
17	IMPELLER	SS 304
18	CABLE GUARD	SS 304
19	SHAFT	SS 431
20	STRAINER	SS 304
21	NEMA COUPLING	SS 304
22	SUCTION INTERCONNECTOR	SS 304

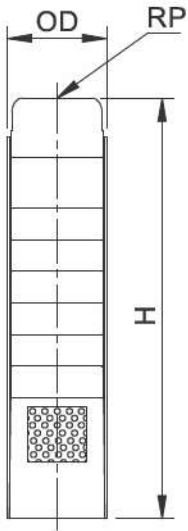
8" & 10"
(77 to 215 m³/h)



Nominal Dia : 4"

Outlet Size : 1½"

Dimensions & Weight Data



PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
4S-1/09	0.37	0.5	97	32	357	4
4S-1/14	0.37	0.5	97	32	467	5
4S-1/18	0.55	0.75	97	32	555	6
4S-1/21	0.55	0.75	97	32	621	7
4S-1/28	0.75	1	97	32	775	9
4S-1/36	1.1	1.5	97	32	1094	13
4S-1/42	1.1	1.5	97	32	1262	16
4S-1/50	1.5	2	97	32	1454	19
4S-1/57	1.5	2	97	32	1646	21

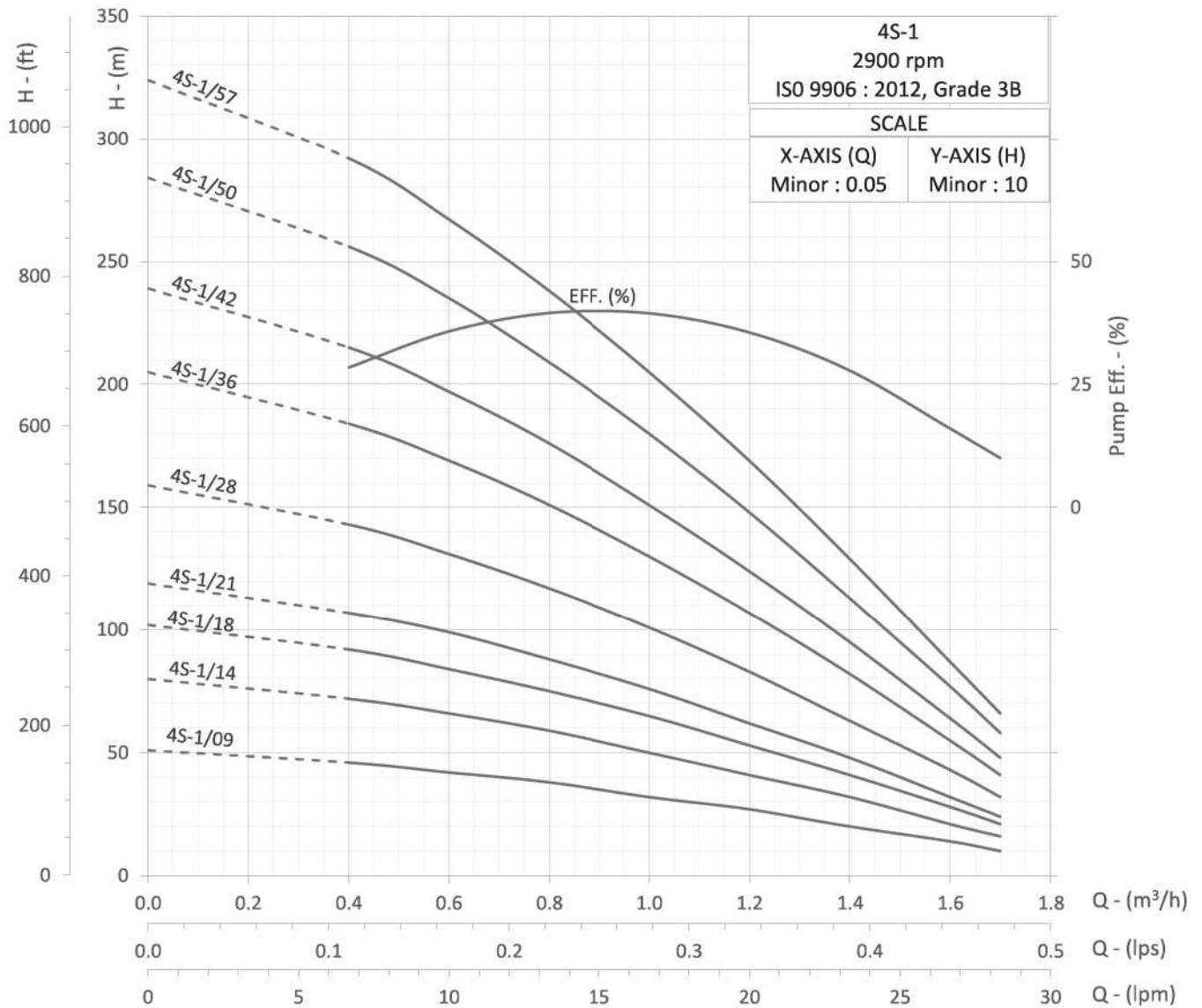
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m ³ /h	0.00	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.7
			lps	0.00	0.11	0.17	0.22	0.28	0.33	0.39	0.44	0.47
			lpm	0.00	6.67	10.00	13.33	16.67	20.00	23.33	26.67	28.33
4S-1/09	0.37	9	Head in Meters	51	46	42	38	32	27	20	14	10
4S-1/14	0.37	14		80	72	66	59	50	41	32	21	16
4S-1/18	0.55	18		102	92	84	75	65	53	41	28	21
4S-1/21	0.55	21		119	107	99	88	76	62	48	32	24
4S-1/28	0.75	28		159	143	131	117	101	83	63	43	32
4S-1/36	1.1	36		205	184	169	151	130	107	82	55	41
4S-1/42	1.1	42		239	215	197	176	151	124	95	64	48
4S-1/50	1.5	50		284	256	235	209	180	148	113	77	58
4S-1/57	1.5	57		324	292	267	238	205	169	129	87	66

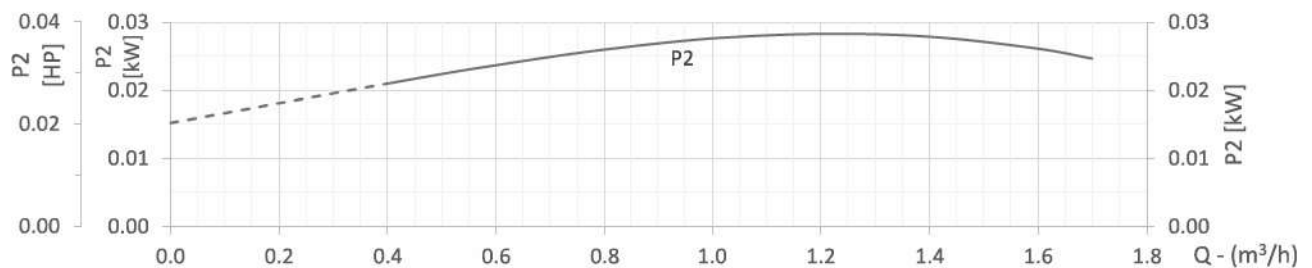
Nominal Flow : 1 m³/h

Flow Range : 0.4 - 1.7 m³/h

Performance Curve



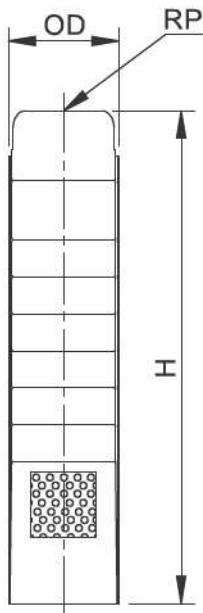
Power Curve



Nominal Dia : 4"

Outlet Size : 1½"

Dimensions & Weight Data

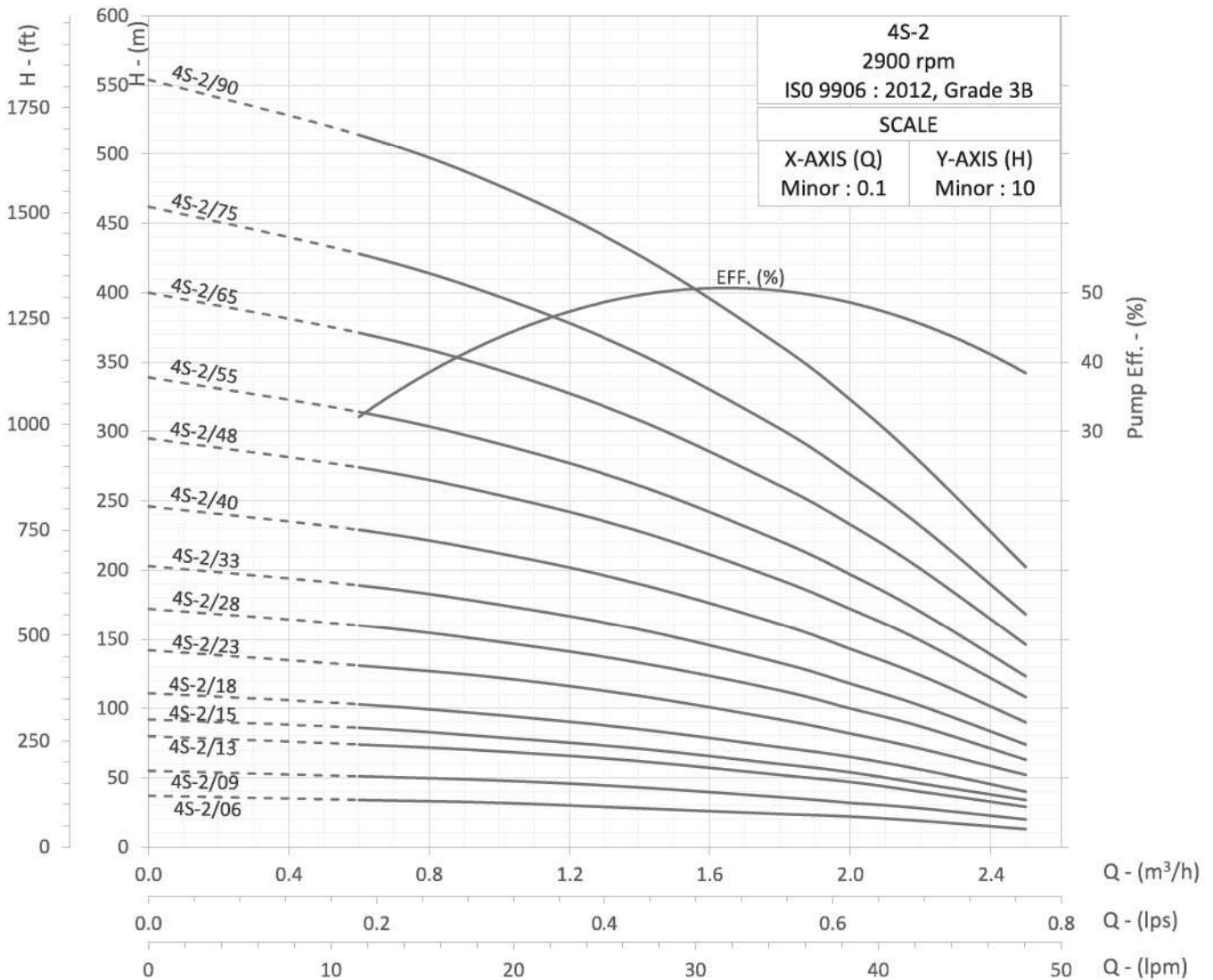


PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
4S-2/06	0.37	0.5	97	32	291	3
4S-2/09	0.37	0.5	97	32	357	3
4S-2/13	0.55	0.75	97	32	445	4
4S-2/15	0.55	0.75	97	32	489	5
4S-2/18	0.75	1	97	32	554	6
4S-2/23	1.1	1.5	97	32	665	7
4S-2/28	1.5	2	97	32	775	8
4S-2/33	1.5	2	97	32	1022	12
4S-2/40	2.2	3	97	32	1214	14
4S-2/48	2.2	3	97	32	1382	17
4S-2/55	3	4	97	32	1550	20
4S-2/65	3	4	97	32	1838	22
4S-2/75	4	5.5	97	32	2078	26
4S-2/90	4	5.5	97	32	2438	31

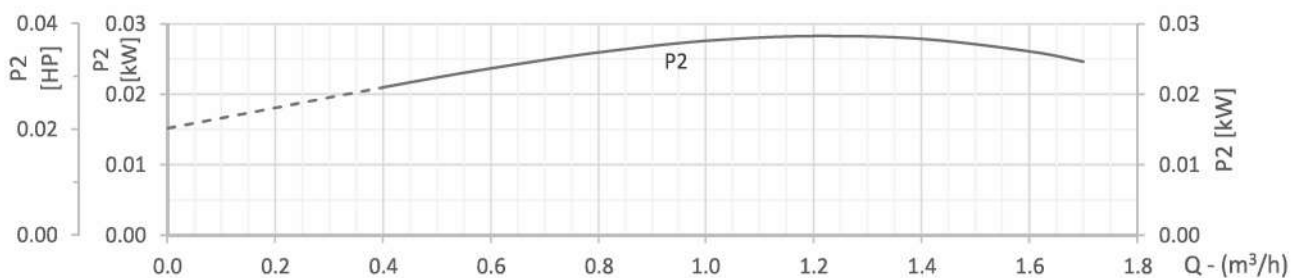
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge								
			m ³ /h	0	0.6	1	1.4	1.8	2	2.2	2.5
			lps	0.00	0.17	0.28	0.39	0.50	0.56	0.61	0.69
			lpm	0.00	10.00	16.67	23.33	30.00	33.33	36.67	41.67
4S-2/06	0.37	6	Head in Meters	37	34	32	28	24	22	19	13
4S-2/09	0.37	9		55	51	48	43	36	32	28	20
4S-2/13	0.55	13		80	74	69	62	52	47	40	29
4S-2/15	0.55	15		92	86	79	71	60	54	46	34
4S-2/18	0.75	18		111	103	95	85	72	65	56	40
4S-2/23	1.1	23		142	131	122	109	92	82	71	52
4S-2/28	1.5	28		172	160	148	133	113	100	87	63
4S-2/33	1.5	33		203	189	175	157	133	118	102	74
4S-2/40	2.2	40		246	229	212	190	161	143	124	90
4S-2/48	2.2	48		295	274	254	228	193	172	149	108
4S-2/55	3	55		339	314	291	261	221	197	170	123
4S-2/65	3	65		400	371	344	308	261	233	201	146
4S-2/75	4	75		462	428	397	356	302	269	232	168
4S-2/90	4	90		554	514	477	427	362	323	278	202

Performance Curve



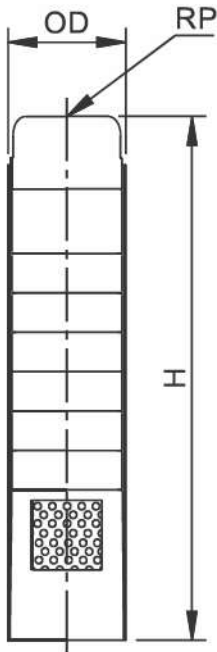
Power Curve



Nominal Dia : 4"

Outlet Size : 1½"

Dimensions & Weight Data



PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
4S-3/06	0.37	0.5	97	32	291	3
4S-3/09	0.55	0.75	97	32	357	3
4S-3/12	0.75	1	97	32	423	4
4S-3/15	1.1	1.5	97	32	489	5
4S-3/18	1.1	1.5	97	32	555	6
4S-3/22	1.5	2	97	32	643	7
4S-3/25	1.5	2	97	32	709	8
4S-3/29	2.2	3	97	32	797	8
4S-3/33	2.2	3	97	32	1022	12
4S-3/39	3	4	97	32	1166	14
4S-3/45	3	4	97	32	1334	16
4S-3/52	4	5.5	97	32	1502	18
4S-3/60	4	5.5	97	32	1718	21
4S-3/75	5.5	7.5	97	32	2148	26

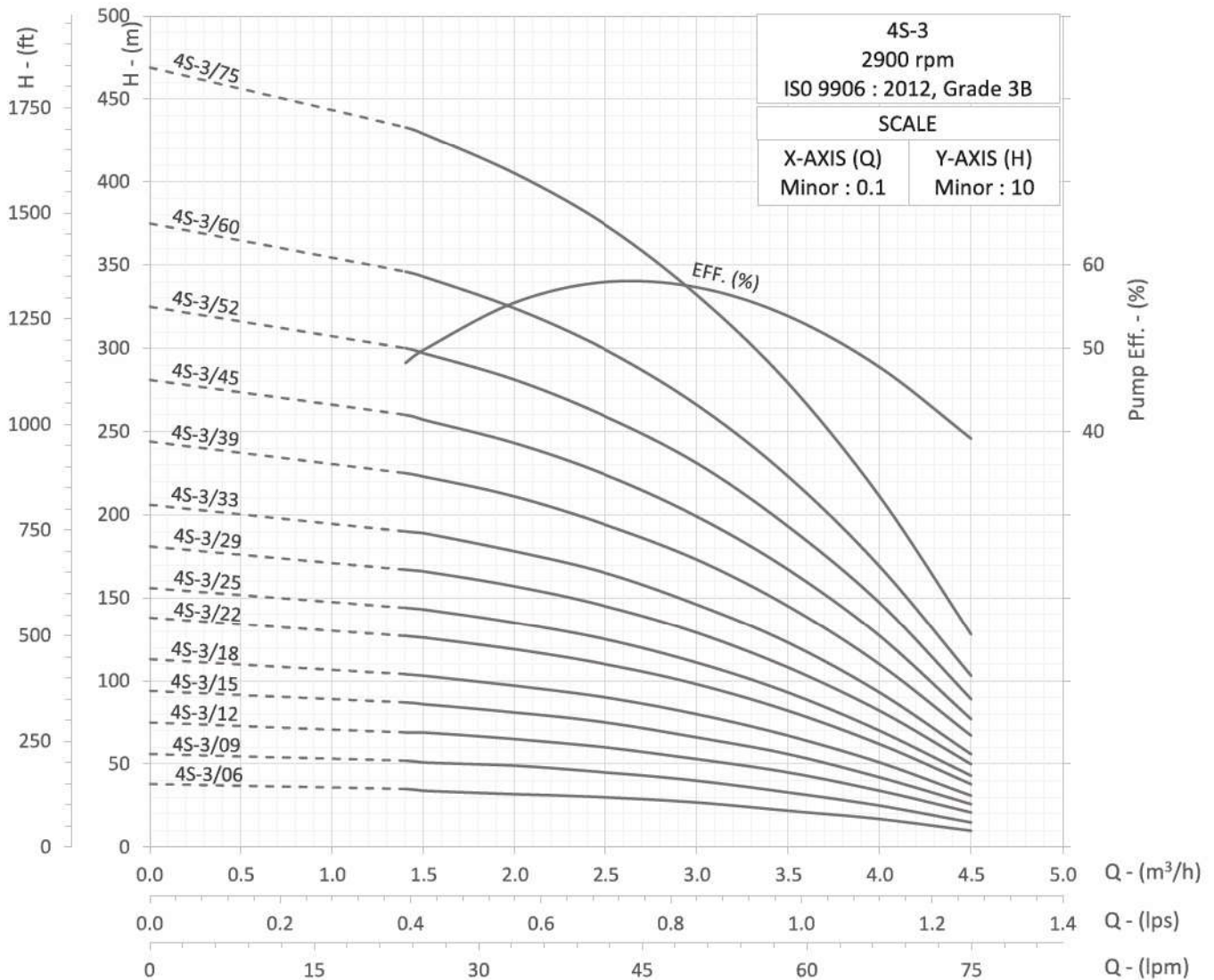
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m³/h	0	1.4	1.5	2	2.5	3	3.5	4	4.5
			lps	0.00	0.39	0.42	0.56	0.69	0.83	0.97	1.11	1.25
			lpm	0.00	23.33	25.00	33.33	41.67	50.00	58.33	66.67	75.00
4S-3/06	0.37	06	Head in Meters	38	35	34	32	30	27	22	17	10
4S-3/09	0.55	09		56	52	51	49	45	40	33	25	15
4S-3/12	0.75	12		75	69	69	65	60	53	45	34	21
4S-3/15	1.1	15		94	87	86	81	75	66	56	42	26
4S-3/18	1.1	18		113	104	103	97	90	80	67	51	31
4S-3/22	1.5	22		138	127	126	119	110	98	82	62	38
4S-3/25	1.5	25		156	144	143	135	125	111	93	70	43
4S-3/29	2.2	29		181	167	166	157	145	129	108	82	50
4S-3/33	2.2	33		206	190	189	178	165	146	123	93	56
4S-3/39	3	39		244	225	223	211	194	173	145	110	67
4S-3/45	3	45		281	260	257	243	224	199	167	127	77
4S-3/52	4	52		325	300	297	281	259	231	193	147	89
4S-3/60	4	60		375	346	343	324	299	266	223	169	103
4S-3/75	5.5	75		469	433	429	405	374	332	279	211	128

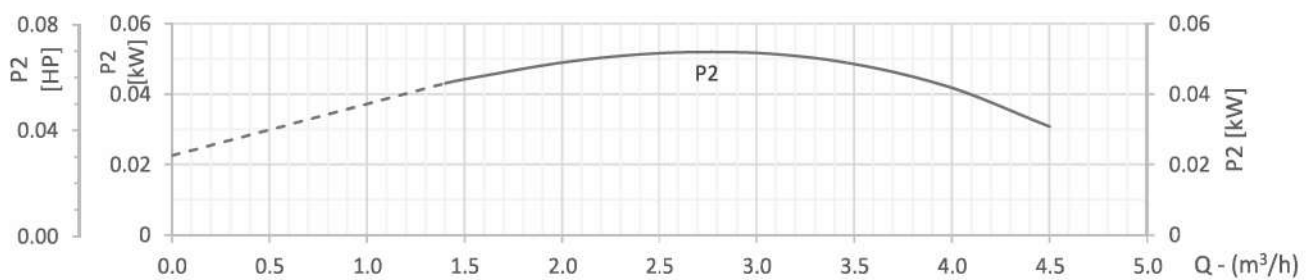
Nominal Flow : 3 m³/h

Flow Range : 1.4 - 4.5 m³/h

Performance Curve



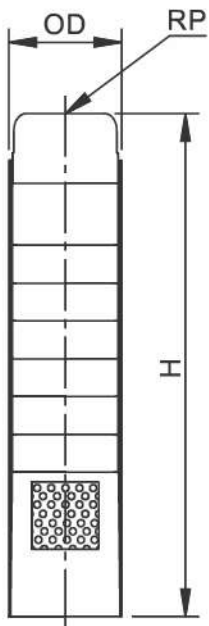
Power Curve



Nominal Dia : 4"

Outlet Size : 1½"

Dimensions & Weight Data



PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
4S-5/04	0.37	0.5	97	40	255	2
4S-5/06	0.55	0.75	97	40	303	3
4S-5/08	0.75	1	97	40	351	4
4S-5/12	1.1	1.5	97	40	447	5
4S-5/17	1.5	2	97	40	567	6
4S-5/21	2.2	3	97	40	663	7
4S-5/25	2.2	3	97	40	759	8
4S-5/33	3	4	97	40	1022	12
4S-5/38	4	5.5	97	40	1142	13
4S-5/44	4	5.5	97	40	1310	16
4S-5/52	5.5	7.5	97	40	1502	18
4S-5/60	5.5	7.5	97	40	1718	21
4S-5/70	7.5	10	97	40	1939	25
4S-5/75	7.5	10	97	40	2078	27

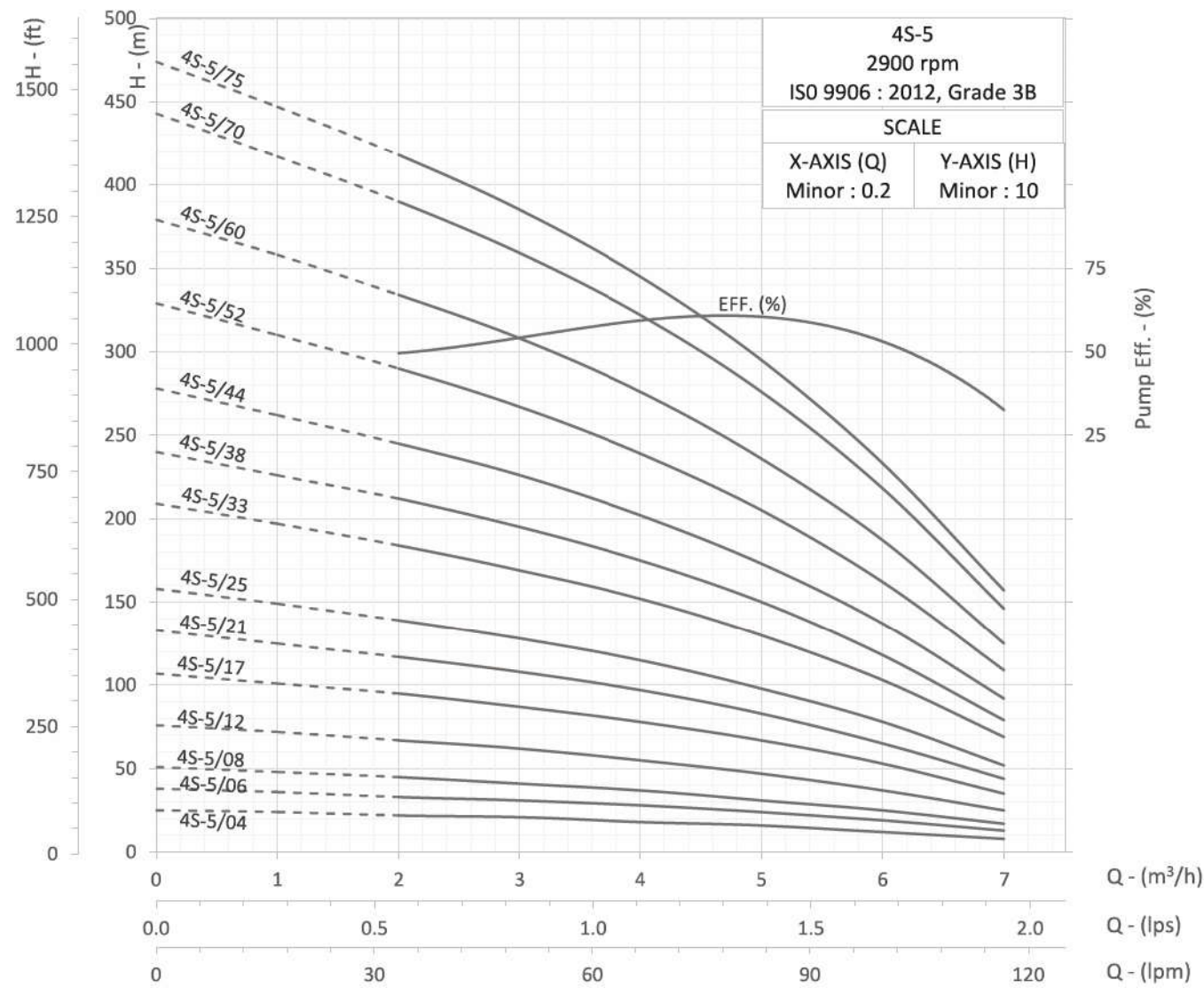
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge								
			m³/h	0	1	2	3	4	5	6	7
			lps	0.00	0.28	0.56	0.83	1.11	1.39	1.67	1.94
			lpm	0.00	16.67	33.33	50.00	66.67	83.33	100.00	116.67
4S-5/04	0.37	04	Head in Meters	25	24	22	21	18	16	12	8
4S-5/06	0.55	06		38	36	33	31	28	24	19	13
4S-5/08	0.75	08		51	48	45	41	37	31	25	17
4S-5/12	1.1	12		76	72	67	62	55	47	37	25
4S-5/17	1.5	17		107	101	95	87	78	67	53	35
4S-5/21	22	21		133	125	117	108	97	83	65	44
4S-5/25	22	25		158	149	139	128	115	98	78	52
4S-5/33	3	33		209	197	184	169	152	130	103	69
4S-5/38	4	38		240	226	212	195	175	150	118	79
4S-5/44	4	44		278	262	245	226	202	173	137	92
4S-5/52	5.5	52		329	310	290	267	239	205	162	109
4S-5/60	5.5	60		379	358	334	308	276	236	187	125
4S-5/70	7,5	70		443	417	390	359	322	276	218	146
4S-5/75	7.5	75		474	447	418	385	345	295	233	157

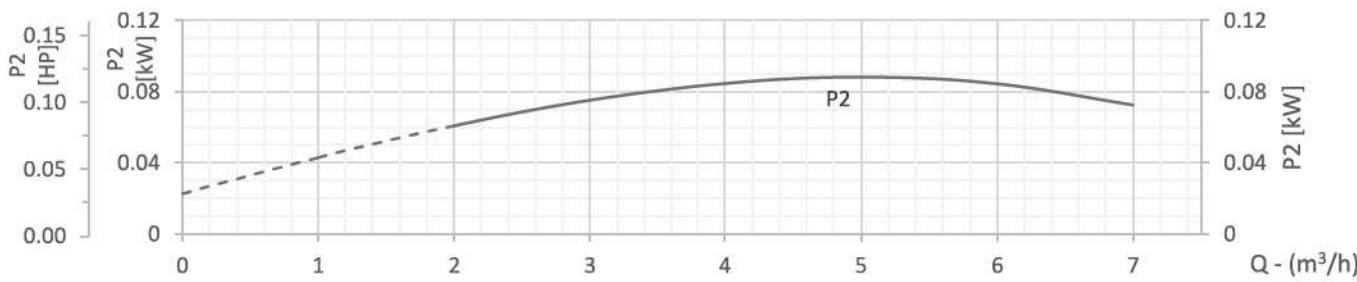
Nominal Flow : 5 m³/h

Flow Range : 2.0 - 7.0 m³/h

Performance Curve



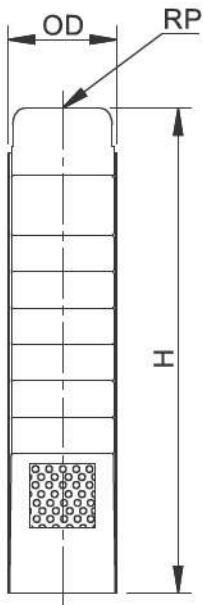
Power Curve



Nominal Dia : 4"

Outlet Size : 2"

Dimensions & Weight Data



PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
4S-8/05	0.75	1	97	50	410	5
4S-8/07	1.1	1.5	97	50	482	5
4S-8/09	1.5	2	97	50	554	6
4S-8/10	1.5	2	97	50	590	6
4S-8/12	2.2	3	97	50	662	7
4S-8/15	2.2	3	97	50	770	9
4S-8/18	3	4	97	50	878	10
4S-8/22	4	5.5	97	50	1022	12
4S-8/25	4	5.5	97	50	1152	13
4S-8/30	5.5	7.5	97	50	1332	15
4S-8/34	5.5	7.5	97	50	1476	17
4S-8/37	5.5	7.5	97	50	1606	19
4S-8/44	7.5	10	97	50	1860	22
4S-8/50	7.5	10	97	50	2076	25
4S-8/58	9.3	12.5	97	50	2390	30
4S-8/66	11	15	97	50	2678	35
4S-8/73	11	15	97	50	2954	39

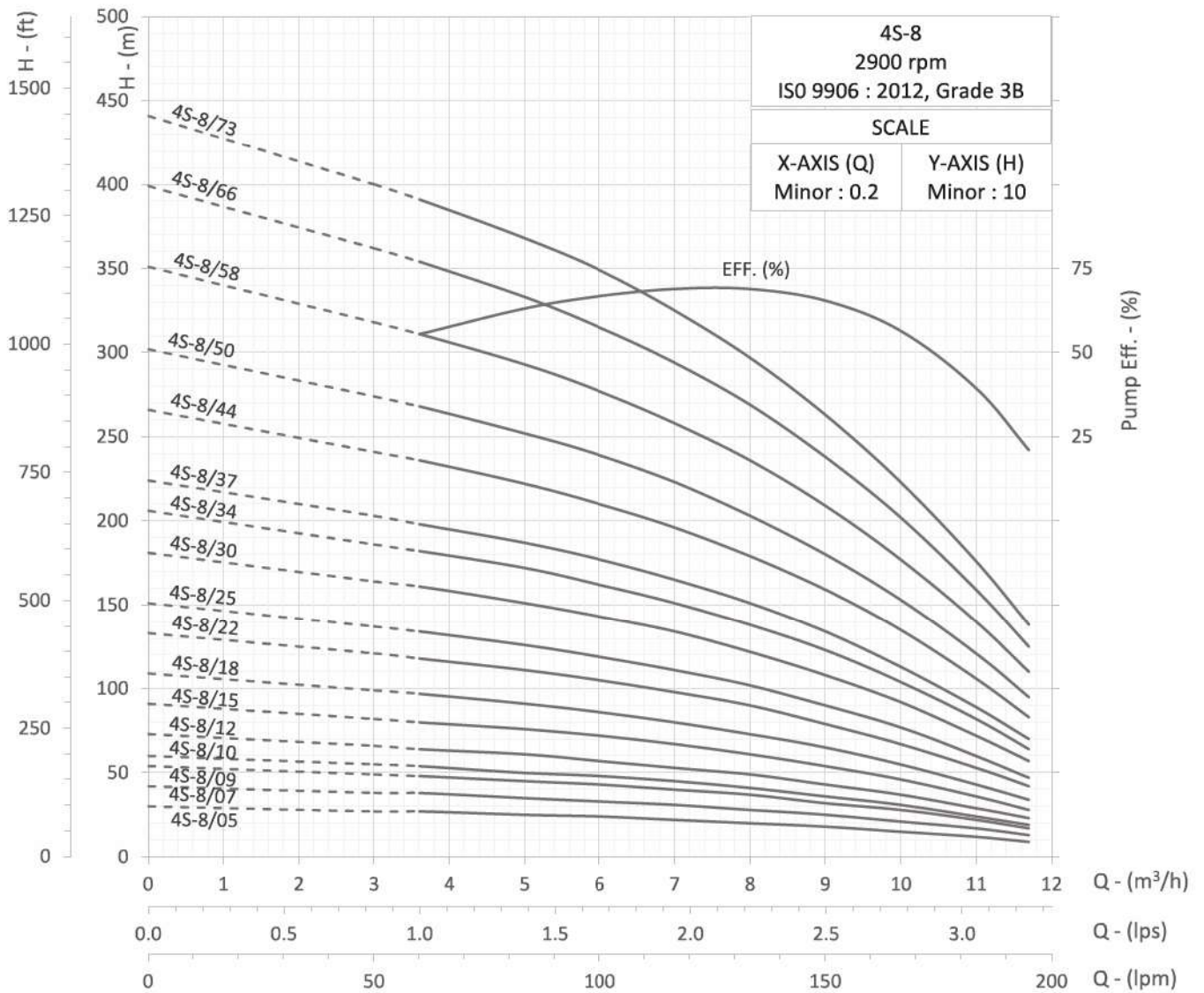
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge											
			m ³ /h	0	3	3.6	5	6	7	8	9	10	11	11.7
			lps	0.00	0.83	1.00	1.39	1.67	1.94	2.22	2.50	2.78	3.06	3.25
			lpm	0.00	50.00	60.00	83.33	100.00	116.67	133.33	150.00	166.67	183.33	195.00
4S-8/05	0.75	05	Head in Meters	30	27	27	25	24	22	20	18	15	12	9
4S-8/07	1.1	07		42	38	38	35	33	31	28	25	21	17	13
4S-8/09	1.5	09		54	49	48	45	43	40	37	32	28	22	17
4S-8/10	1.5	10		60	55	54	50	48	45	41	36	31	24	19
4S-8/12	2.2	12		73	66	64	61	57	53	49	43	37	29	23
4S-8/15	2.2	15		91	82	80	76	72	67	61	54	46	36	28
4S-8/18	3	18		109	99	97	91	86	80	73	65	55	43	34
4S-8/22	4	22		133	121	118	111	105	98	90	79	67	53	42
4S-8/25	4	25		151	137	134	126	119	111	102	90	77	60	47
4S-8/30	5.5	30		181	164	161	151	143	134	122	108	92	72	57
4S-8/34	5.5	34		206	186	182	172	162	151	138	123	104	82	64
4S-8/37	5.5	37		224	203	198	187	177	165	151	134	113	89	70
4S-8/44	7.5	44		266	241	236	222	210	196	179	159	135	106	83
4S-8/50	7.5	50		302	274	268	252	239	223	203	180	153	121	95
4S-8/58	9.3	58		351	318	311	293	277	258	236	209	177	140	110
4S-8/66	11	66		399	362	354	333	315	294	269	238	202	159	125
4S-8/73	11	73		441	400	391	368	349	325	297	263	223	176	138

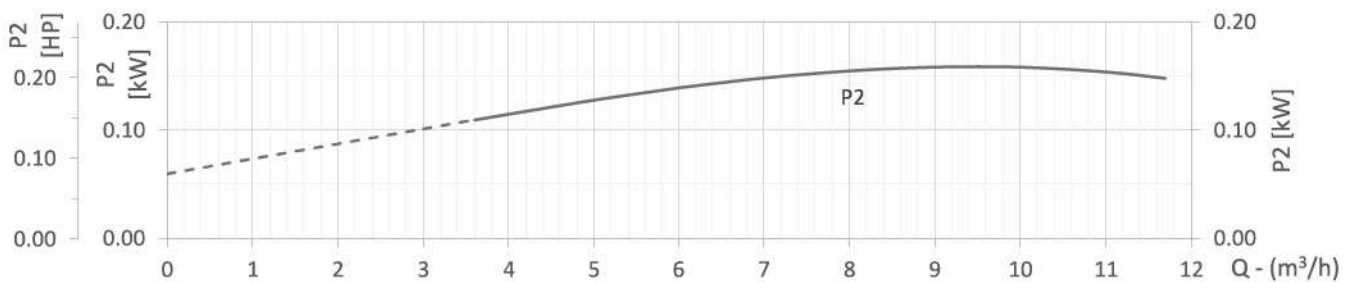
Nominal Flow : 8 m³/h

Flow Range : 3.6 - 11.7 m³/h

Performance Curve



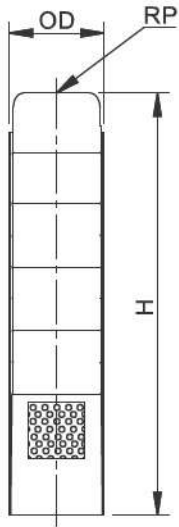
Power Curve



Nominal Dia : 4"

Outlet Size : 2"

Dimensions & Weight Data



PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
4S-14/05	1.5	2	97	50	573	6
4S-14/07	2.2	3	97	50	703	8
4S-14/09	3	4	97	50	833	9
4S-14/10	3	4	97	50	898	10
4S-14/11	3.7	5	97	50	963	10
4S-14/13	4	5.5	97	50	1093	12
4S-14/16	5.5	7.5	97	50	1288	14
4S-14/18	5.5	7.5	97	50	1418	16
4S-14/22	7.5	10	97	50	1678	19
4S-14/25	7.5	10	97	50	1873	21

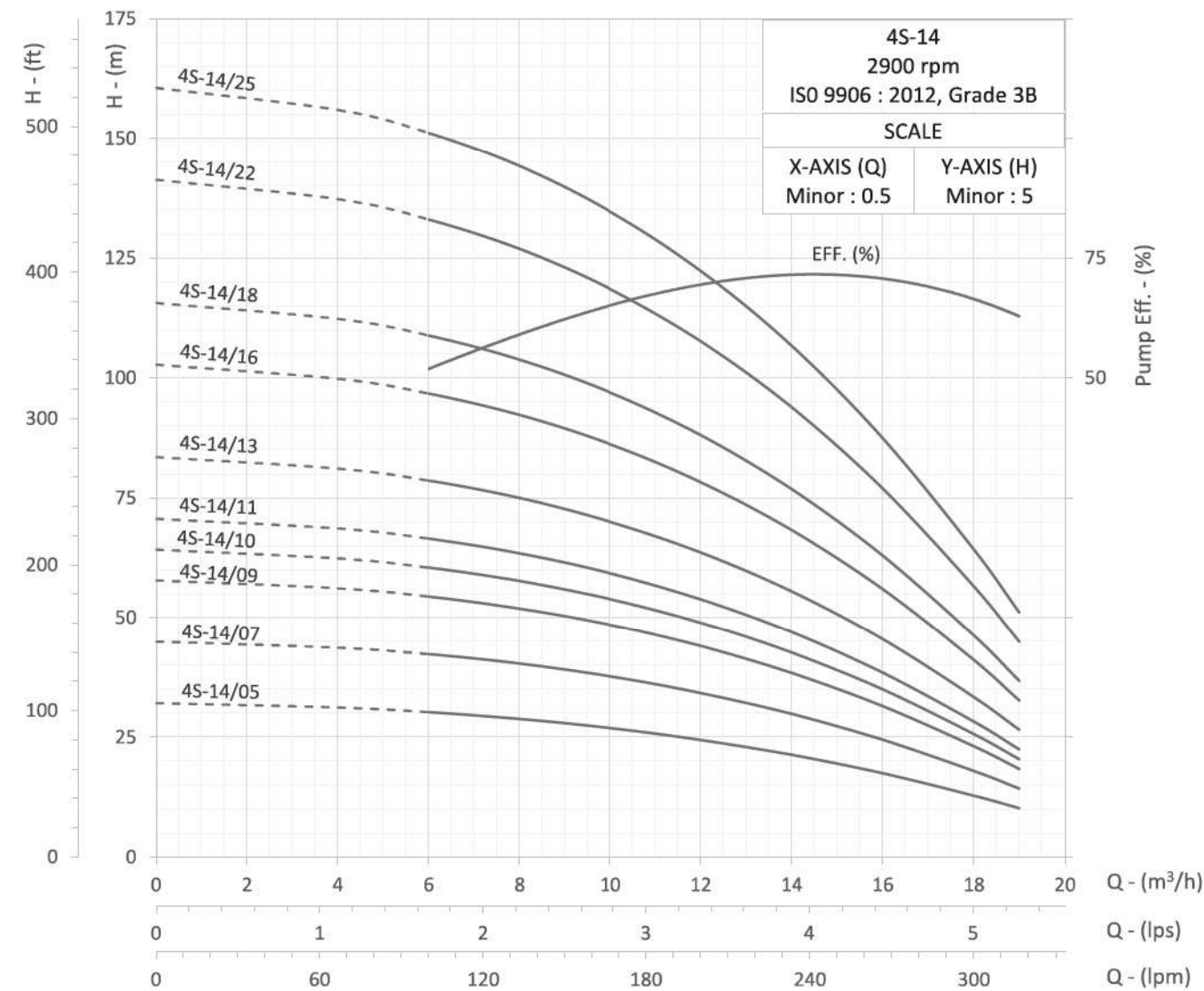
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge											
			m³/h	0.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	19.0	20.0
			lps	0.00	1.11	1.67	2.22	2.78	3.33	3.89	4.44	5.00	5.28	5.56
			lpm	0.00	66.67	100.00	133.33	166.67	200.00	233.33	266.67	300.00	316.67	333.33
4S-14/05	1.5	05	Head in Meters	32	31	30	29	27	25	21	18	13	10	7
4S-14/07	2.2	07		45	44	42	40	38	34	30	25	18	14	10
4S-14/09	3	09		58	56	54	52	49	44	38	32	23	18	13
4S-14/10	3	10		64	62	61	58	54	49	43	35	26	20	15
4S-14/11	3.7	11		71	69	67	63	59	54	47	39	28	23	16
4S-14/13	4	13		84	81	79	75	70	64	56	46	33	27	19
4S-14/16	5.5	16		103	100	97	92	86	78	68	56	41	33	24
4S-14/18	5.5	18		116	112	109	104	97	88	77	63	46	37	27
4S-14/22	7.5	22		141	137	133	127	119	108	94	77	57	45	32
4S-14/25	7.5	25		161	156	151	144	135	122	107	87	64	51	37

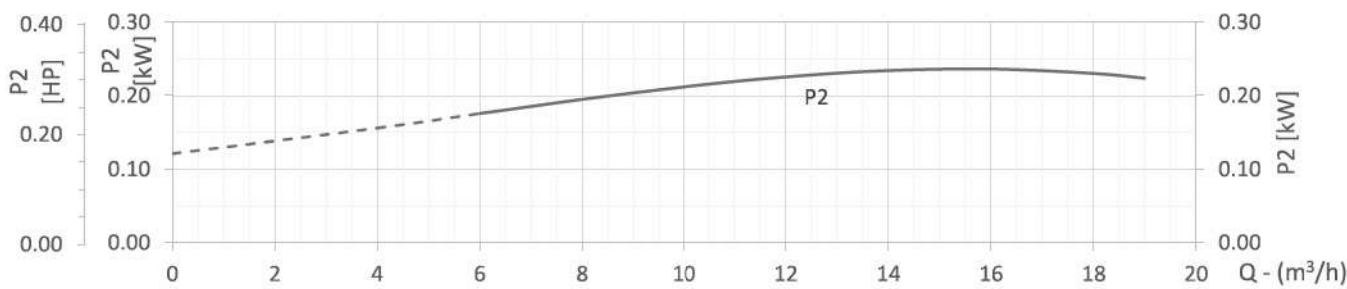
Nominal Flow : 14 m³/h

Flow Range : 6.0 - 19.0 m³/h

Performance Curve



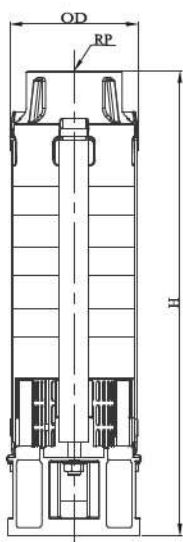
Power Curve



Nominal Dia : 6"

Outlet Size : 2½" | 3"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-17/1	0.55	0.75	1	134	65	342	7
6S-17/2	1.1	1.5	1	134	65	403	8
6S-17/3	2.2	3	1	134	65	463	9
6S-17/4	2.2	3	1	134	65	526	11
6S-17/5	3	4	1	134	65	584	12
6S-17/6	4	5.5	1	134	65	645	14
6S-17/7	4	5.5	1	134	65	705	15
6S-17/8	5.5	7.5	1	134	65	766	16
6S-17/9	5.5	7.5	1	134	65	826	18
6S-17/10	5.5	7.5	1	134	65	887	19
6S-17/11	7.5	10	1	134	65	947	20
6S-17/12	7.5	10	1	134	65	1008	22
6S-17/13	7.5	10	1	134	65	1068	23
6S-17/14	9.3	12.5	1/2	142/144	65	1129	26
6S-17/15	9.3	12.5	1/2	142/144	65	1189	27
6S-17/16	9.3	12.5	1/2	142/144	65	1250	29

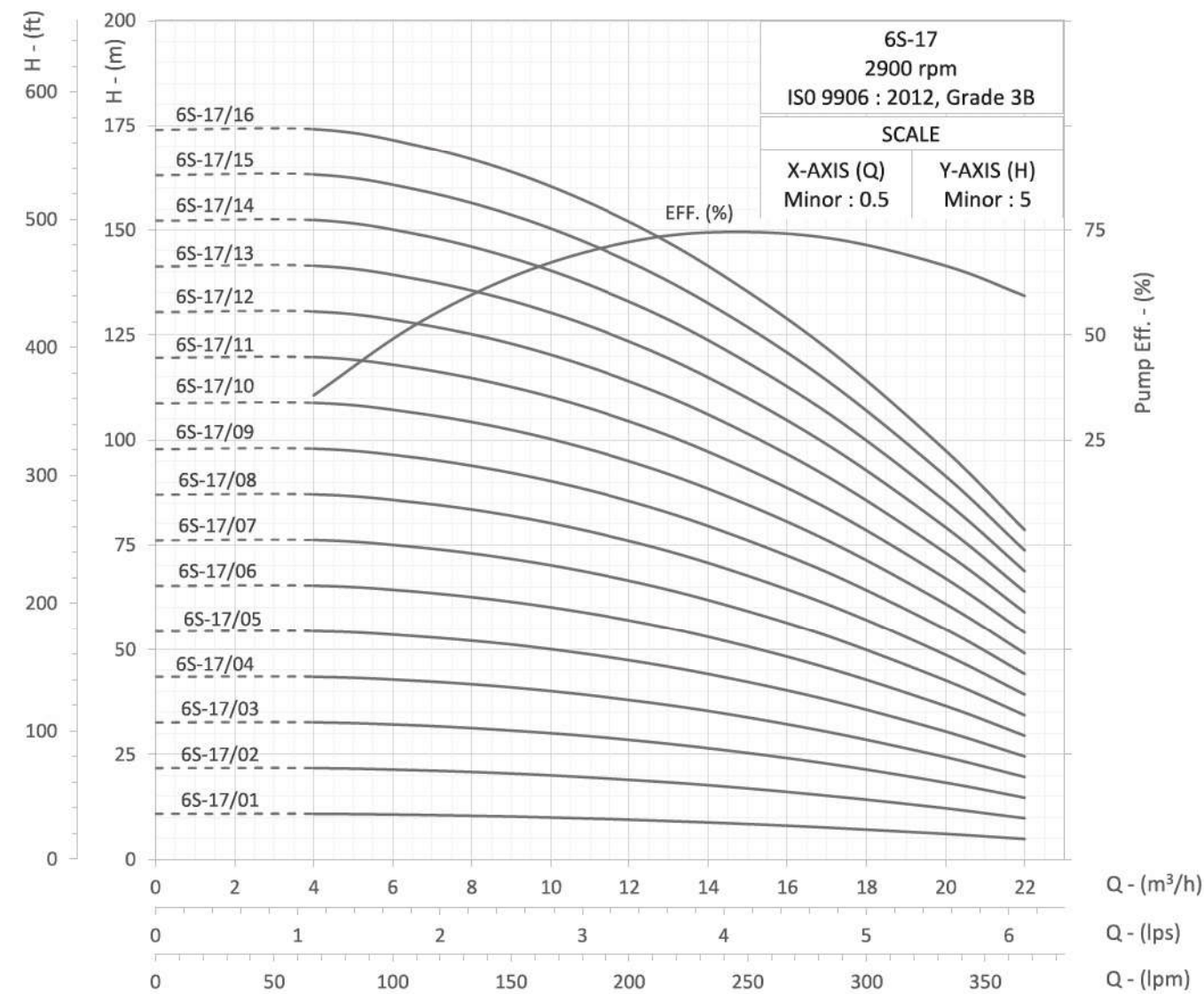
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m ³ /h	0.0	4.0	6.5	9.0	11.5	14.0	17.0	20.0	22.0
			lps	0.00	1.11	1.81	2.50	3.19	3.89	4.72	5.56	6.11
			lpm	0.00	66.67	108.33	150.00	191.67	233.33	283.33	333.33	366.67
6S-17/01	0.55	01	Head in Meters	11	11	11	10	10	9	8	6	5
6S-17/02	1.1	02		22	22	21	20	19	18	15	12	10
6S-17/03	2.2	03		33	33	32	31	29	27	23	18	15
6S-17/04	2.2	04		43	44	43	41	39	35	30	24	20
6S-17/05	3	05		54	54	53	51	48	44	38	30	25
6S-17/06	4	06		65	65	64	61	58	53	46	37	29
6S-17/07	4	07		76	76	75	72	67	62	53	43	34
6S-17/08	5.5	08		87	87	85	82	77	71	61	49	39
6S-17/09	5.5	09		98	98	96	92	87	80	69	55	44
6S-17/10	5.5	10		109	109	107	102	96	88	76	61	49
6S-17/11	7.5	11		120	120	117	113	106	97	84	67	54
6S-17/12	7.5	12		130	131	128	123	116	106	91	73	59
6S-17/13	7.5	13		141	141	139	133	125	115	99	79	64
6S-17/14	9.3	14		152	152	149	143	135	124	107	85	69
6S-17/15	9.3	15		163	163	160	154	145	133	114	91	74
6S-17/16	9.3	16		174	174	170	164	154	141	122	98	79

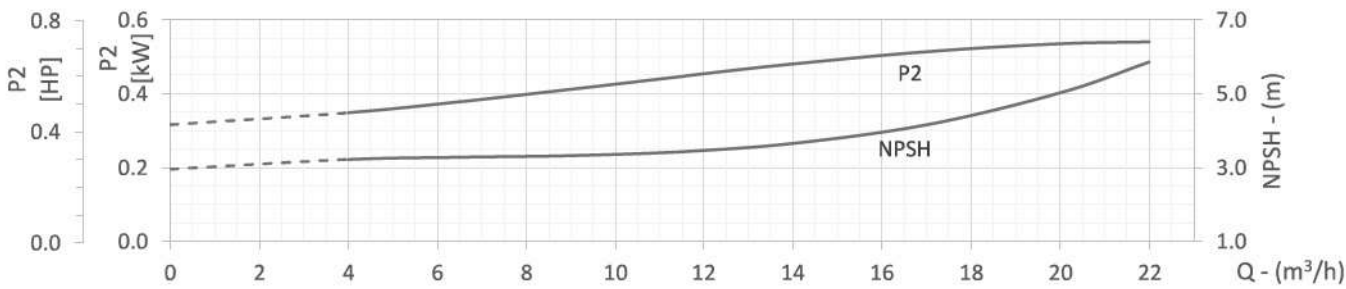
Nominal Flow : 17 m³/h

Flow Range : 4.0 - 22.0 m³/h

Performance Curve



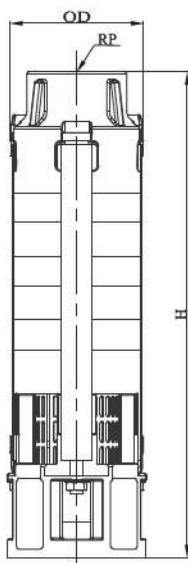
Power Curve



Nominal Dia : 6"

Outlet Size : 2½" | 3"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-17/17	9.3	12.5	1/2	142/144	65	1310	30
6S-17/18	11	15	1/2	142/144	65	1371	32
6S-17/19	11	15	1/2	142/144	65	1431	33
6S-17/20	11	15	1/2	142/144	65	1492	34
6S-17/21	13	17.5	1/2	142/144	65	1552	36
6S-17/22	13	17.5	1/2	142/144	65	1613	37
6S-17/23	13	17.5	1/2	142/144	65	1673	39
6S-17/24	13	17.5	1/2	142/144	65	1734	40
6S-17/25	15	20	1/2	142/144	65	1794	41
6S-17/26	15	20	1/2	142/144	65	1855	43
6S-17/27	15	20	1/2	142/144	65	1915	44
6S-17/28	18.5	25	1/2	142/144	65	1976	46
6S-17/29	18.5	25	1/2	142/144	65	2036	47
6S-17/30	18.5	25	1/2	142/144	65	2097	48
6S-17/31	18.5	25	1/2	142/144	65	2157	50
6S-17/32	18.5	25	1/2	142/144	65	2218	51

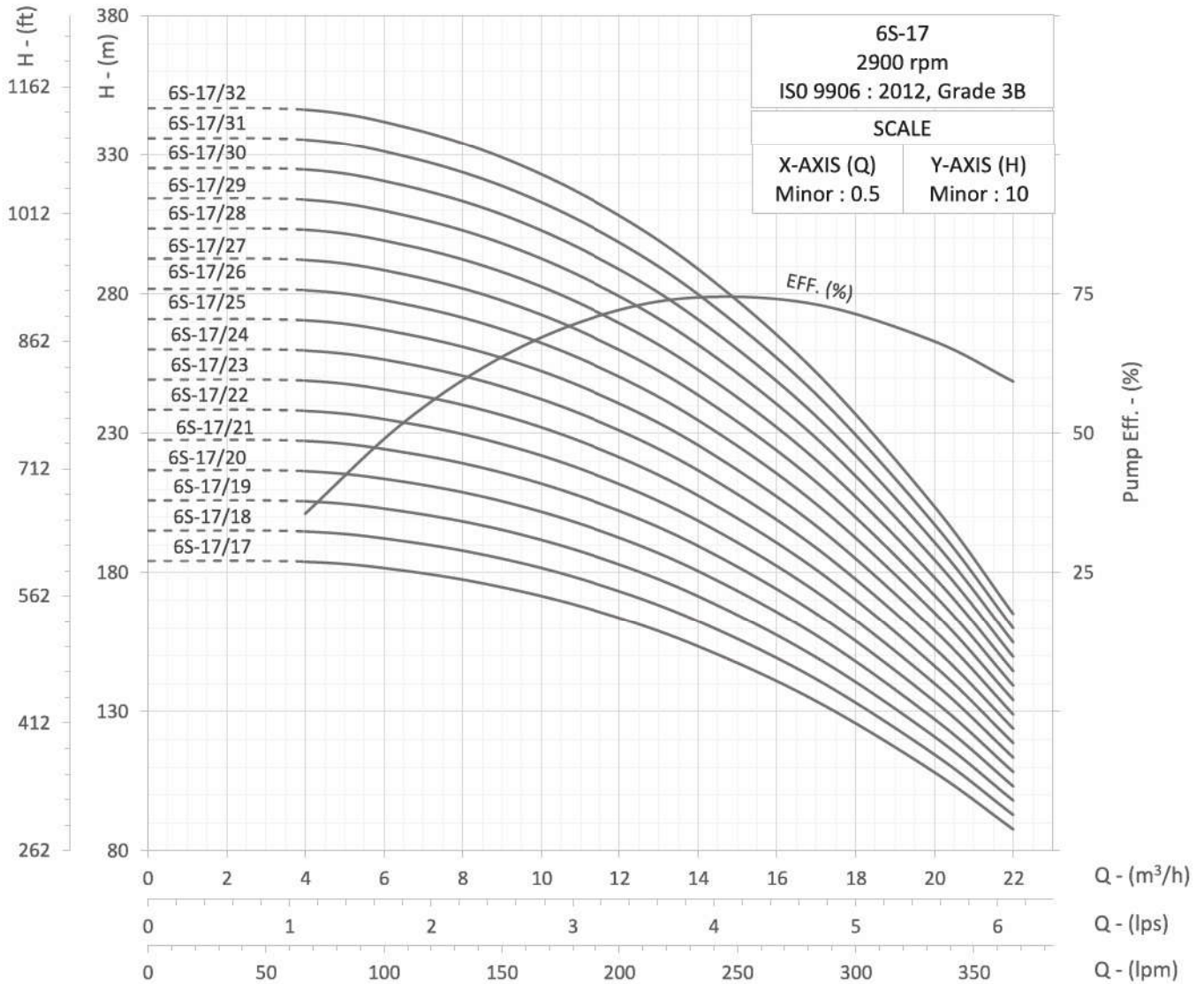
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m ³ /h	0.0	4.0	6.5	9.0	11.5	14.0	17.0	20.0	22.0
			lps	0.00	1.11	1.81	2.50	3.19	3.89	4.72	5.56	6.11
			lpm	0.00	66.67	108.33	150.00	191.67	233.33	283.33	333.33	366.67
6S-17/17	9.3	17	Head in Meters	184	184	181	175	166	154	134	108	88
6S-17/18	11	18		195	195	191	185	176	163	142	115	93
6S-17/19	11	19		206	206	202	195	185	172	150	121	98
6S-17/20	11	20		217	216	213	206	195	181	157	127	103
6S-17/21	13	21		228	227	223	216	205	190	165	134	108
6S-17/22	13	22		238	238	234	226	215	199	173	140	114
6S-17/23	13	23		249	249	245	237	224	208	181	147	119
6S-17/24	13	24		260	260	255	247	234	217	189	153	124
6S-17/25	15	25		271	271	266	257	244	226	197	159	129
6S-17/26	15	26		282	281	276	267	254	235	205	166	134
6S-17/27	15	27		293	292	287	278	263	244	213	172	139
6S-17/28	18.5	28		304	303	298	288	273	253	220	178	145
6S-17/29	18.5	29		314	314	308	298	283	262	228	185	150
6S-17/30	18.5	30		325	325	319	309	293	271	236	191	155
6S-17/31	18.5	31		336	336	330	319	302	280	244	197	160
6S-17/32	18.5	32		347	346	340	329	312	289	252	204	165

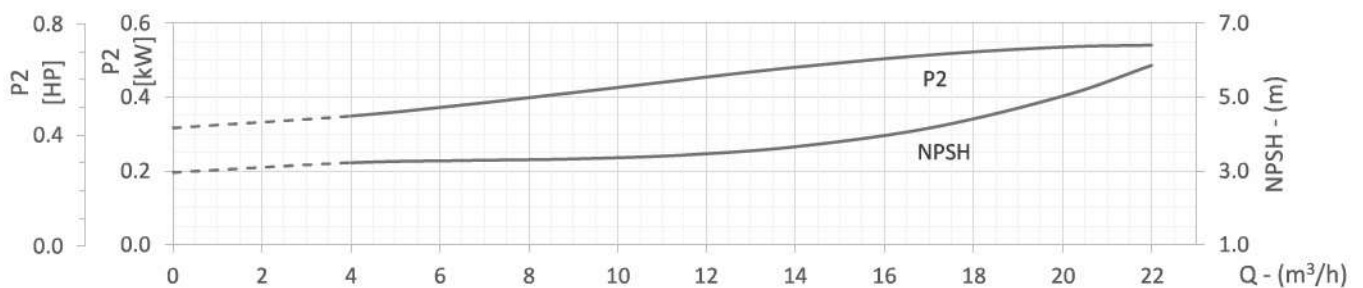
Nominal Flow : 17 m³/h

Flow Range : 4.0 - 22.0 m³/h

Performance Curve



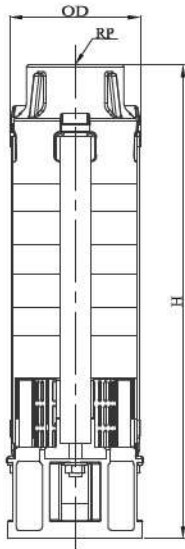
Power Curve



Nominal Dia : 6"

Outlet Size : 2½" | 3"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-17/33	18.5	25	1/2	142/144	65	2278	53
6S-17/34	22	30	1/2	142/144	65	2339	54
6S-17/35	22	30	1/2	142/144	65	2399	55
6S-17/36	22	30	1/2	142/144	65	2460	57
6S-17/37	22	30	1/2	142/144	65	2520	58
6S-17/38	22	30	1/2	142/144	65	2581	60
6S-17/39	22	30	1/2	142/144	65	2641	61
6S-17/40	22	30	1/2	142/144	65	2702	62
6S-17/43	26	35	1/2	142/144	65	2883	66
6S-17/45	26	35	1/2	142/144	65	3004	70
6S-17/48	26	35	1/2	142/144	65	3186	75
6S-17/51	30	40	1/2	142/144	65	3367	81
6S-17/53	30	40	1/2	142/144	65	3488	85
6S-17/55	37	50	1/2	142/144	65	3609	90
6S-17/58	37	50	1/2	142/144	65	3791	96
6S-17/60	37	50	1/2	142/144	65	3912	101

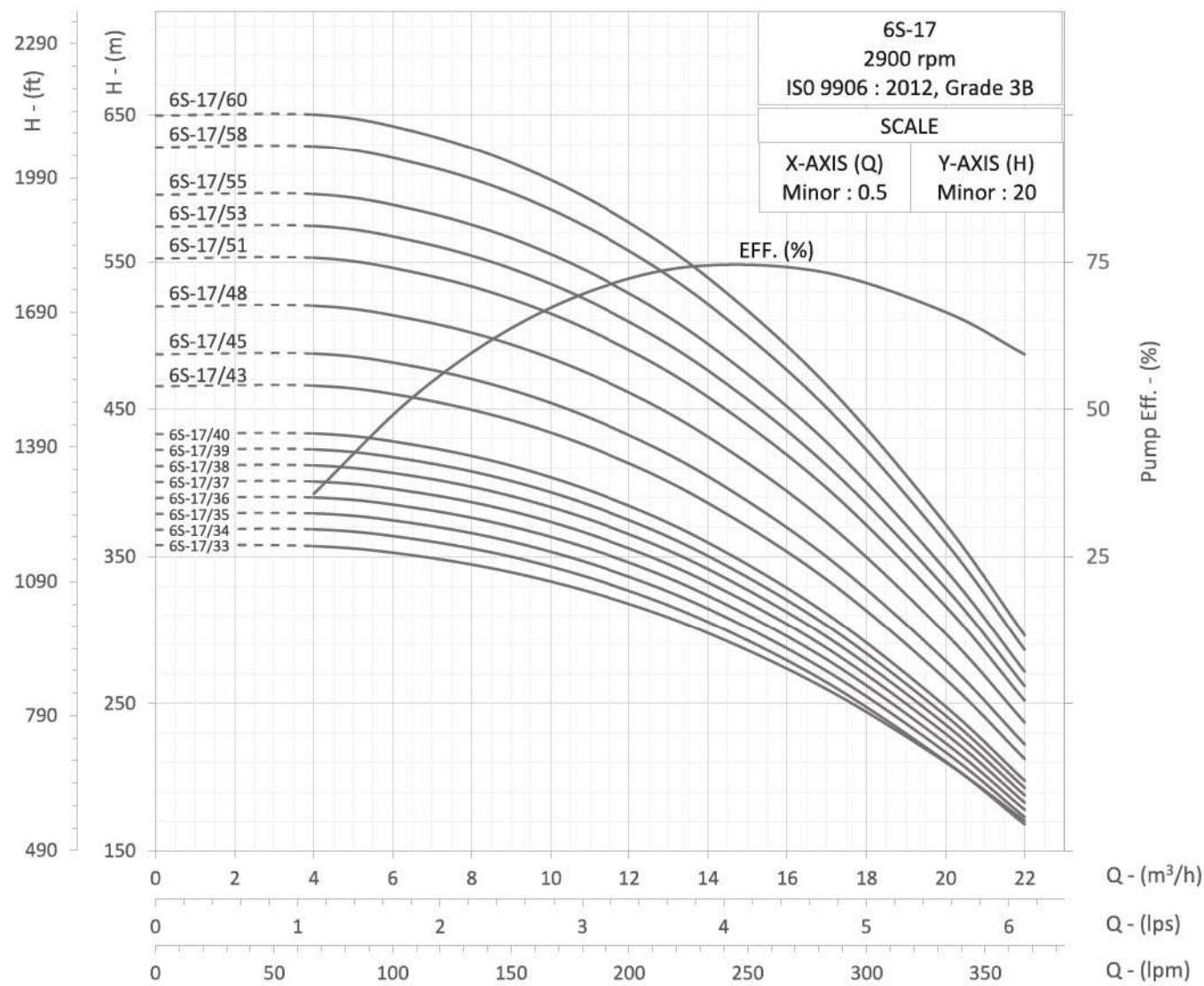
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m ³ /h	0.0	4.0	6.5	9.0	11.5	14.0	17.0	20.0	22.0
			lps	0.00	1.11	1.81	2.50	3.19	3.89	4.72	5.56	6.11
			lpm	0.00	66.67	108.33	150.00	191.67	233.33	283.33	333.33	366.67
6S-17/33	18.5	33	Head in Meters	358	357	351	339	322	298	260	210	170
6S-17/34	22	34		368	368	362	350	331	305	264	211	168
6S-17/35	22	35		379	379	373	360	341	314	272	217	173
6S-17/36	22	36		390	390	383	371	351	323	280	223	178
6S-17/37	22	37		401	401	394	381	360	332	288	230	183
6S-17/38	22	38		412	412	405	391	370	341	295	236	188
6S-17/39	22	39		422	423	415	401	380	350	303	242	193
6S-17/40	22	40		433	434	426	412	390	359	311	248	198
6S-17/43	26	43		466	466	458	443	419	386	334	267	212
6S-17/45	26	45		487	488	479	463	438	404	350	279	222
6S-17/48	26	48		520	520	511	494	468	431	373	298	237
6S-17/51	30	51		552	553	543	525	497	458	396	316	252
6S-17/53	30	53		574	574	564	545	516	476	412	329	262
6S-17/55	37	55		596	596	586	566	536	494	428	341	272
6S-17/58	37	58		628	629	618	597	565	521	451	360	286
6S-17/60	37	60		650	650	639	618	585	539	466	372	296

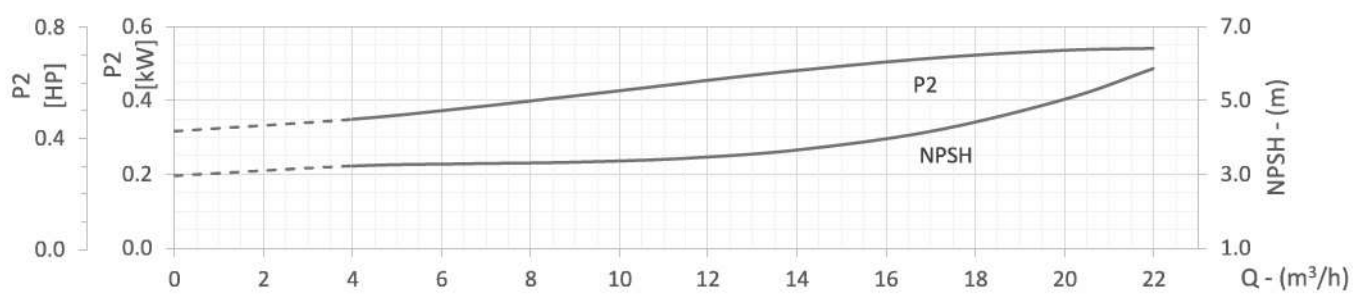
Nominal Flow : 17 m³/h

Flow Range : 4.0 - 22.0 m³/h

Performance Curve



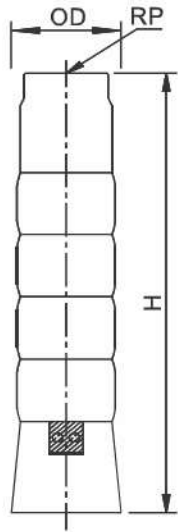
Power Curve



Nominal Dia : 6"

Outlet Size : 3"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-30/01	1.5	2	1	136	80	386	8
6S-30/02	2.2	3	1	136	80	482	10
6S-30/03	3	4	1	136	80	578	12
6S-30/04	4	5.5	1	136	80	674	14
6S-30/05	5.5	7.5	1/2	136/140	80	770	16
6S-30/06	5.5	7.5	1/2	136/140	80	866	17
6S-30/07	7.5	10	1/2	136/140	80	962	19
6S-30/08	7.5	10	1/2	136/140	80	1058	21
6S-30/09	9.3	12.5	1/2	136/140	80	1154	23
6S-30/10	9.3	12.5	1/2	136/140	80	1250	25
6S-30/11	9.3	12.5	1/2	136/140	80	1346	27
6S-30/12	11	15	1/2	136/140	80	1442	29
6S-30/13	11	15	1/2	136/140	80	1538	30
6S-30/14	13	17.5	1/2	136/140	80	1634	33
6S-30/15	13	17.5	1/2	136/140	80	1730	34
6S-30/16	15	20	1/2	136/140	80	1826	36

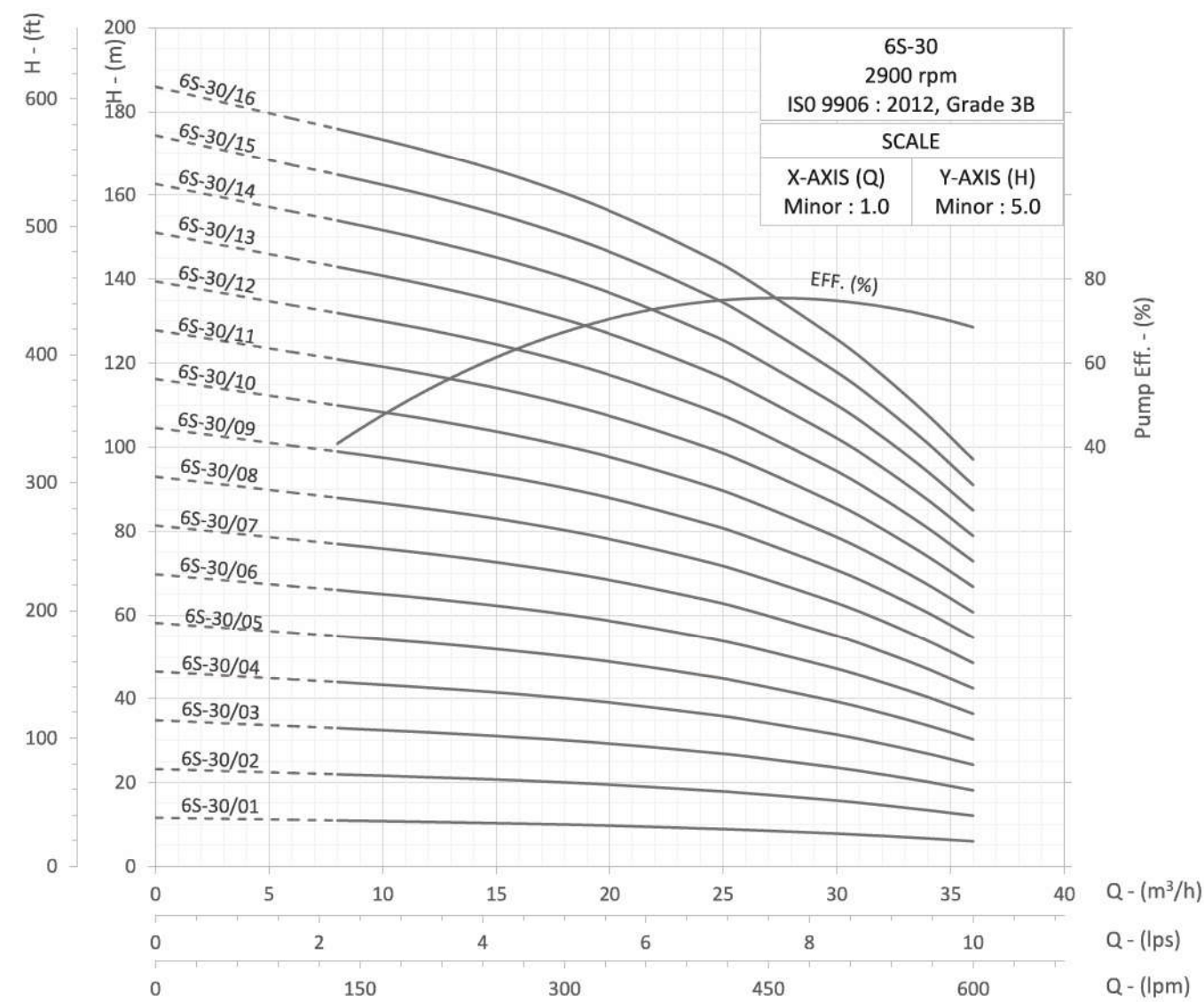
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge												
			m ³ /h	0.0	6.0	8.0	12.0	16.0	20.0	24.0	26.0	30.0	32.0	34.0	36.0
			lps	0.00	1.67	2.22	3.33	4.44	5.56	6.67	7.22	8.33	8.89	9.44	10.00
			lpm	0.00	100.00	133.33	200.00	266.67	333.33	400.00	433.33	500.00	533.33	566.67	600.00
6S-30/01	1.5	01	Head in Meters	12	11	11	11	10	10	9	9	8	7	7	6
6S-30/02	2.2	02		23	22	22	21	21	20	18	18	16	15	13	12
6S-30/03	3	03		35	33	33	32	31	29	27	26	24	22	20	18
6S-30/04	4	04		46	45	44	43	41	39	37	35	31	29	27	24
6S-30/05	5.5	05		58	56	55	53	51	49	46	44	39	37	34	30
6S-30/06	5.5	06		70	67	66	64	62	59	55	53	47	44	40	36
6S-30/07	7.5	07		81	78	77	75	72	68	64	61	55	51	47	42
6S-30/08	7.5	08		93	89	88	85	82	78	73	70	63	59	54	49
6S-30/09	9.3	09		105	100	99	96	92	88	82	79	71	66	61	55
6S-30/10	9.3	10		116	111	110	107	103	98	91	88	79	73	67	61
6S-30/11	9.3	11		128	123	121	117	113	107	100	96	86	81	74	67
6S-30/12	11	12		139	134	132	128	123	117	110	105	94	88	81	73
6S-30/13	11	13		151	145	143	139	133	127	119	114	102	95	87	79
6S-30/14	13	14		163	156	154	149	144	137	128	123	110	103	94	85
6S-30/15	13	15		174	167	165	160	154	146	137	131	118	110	101	91
6S-30/16	15	16		186	178	176	171	164	156	146	140	126	117	108	97

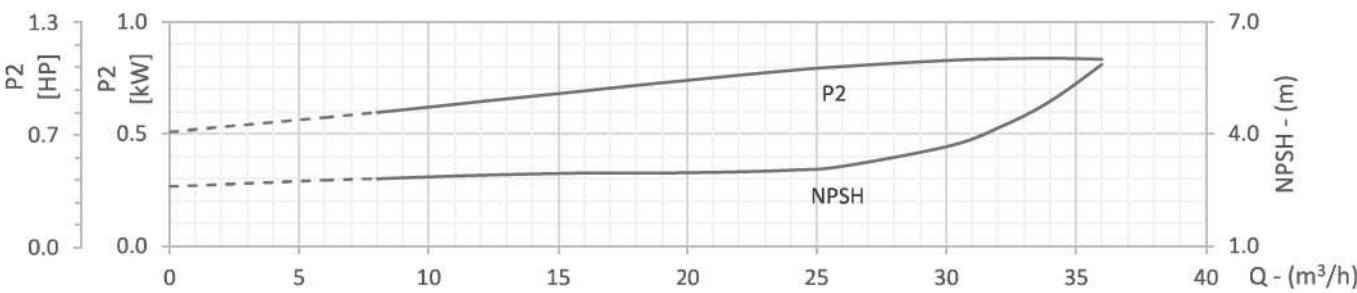
Nominal Flow : 30 m³/h

Flow Range : 8.0 - 36.0 m³/h

Performance Curve



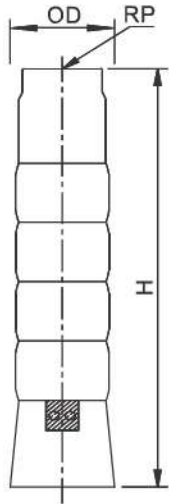
Power Curve



Nominal Dia : 6"

Outlet Size : 3"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-30/17	15	20	1/2	136/140	80	1922	38
6S-30/18	18.5	25	1/2	136/140	80	2018	40
6S-30/19	18.5	25	1/2	136/140	80	2114	42
6S-30/20	18.5	25	1/2	136/140	80	2210	44
6S-30/21	18.5	25	1/2	136/140	80	2306	46
6S-30/22	22	30	1/2	136/140	80	2402	48
6S-30/23	22	30	1/2	136/140	80	2498	49
6S-30/24	22	30	1/2	136/140	80	2594	51
6S-30/25	22	30	1/2	136/140	80	2690	53
6S-30/26	22	30	1/2	136/140	80	2786	55
6S-30/27	26	35	1/2	136/140	80	2882	57
6S-30/28	26	35	1/2	136/140	80	2978	59
6S-30/29	26	35	1/2	136/140	80	3074	61
6S-30/31	26	35	1/2	136/140	80	3266	65
6S-30/32	30	40	1/2	136/140	80	3362	67
6S-30/34	30	40	1/2	136/140	80	3554	70

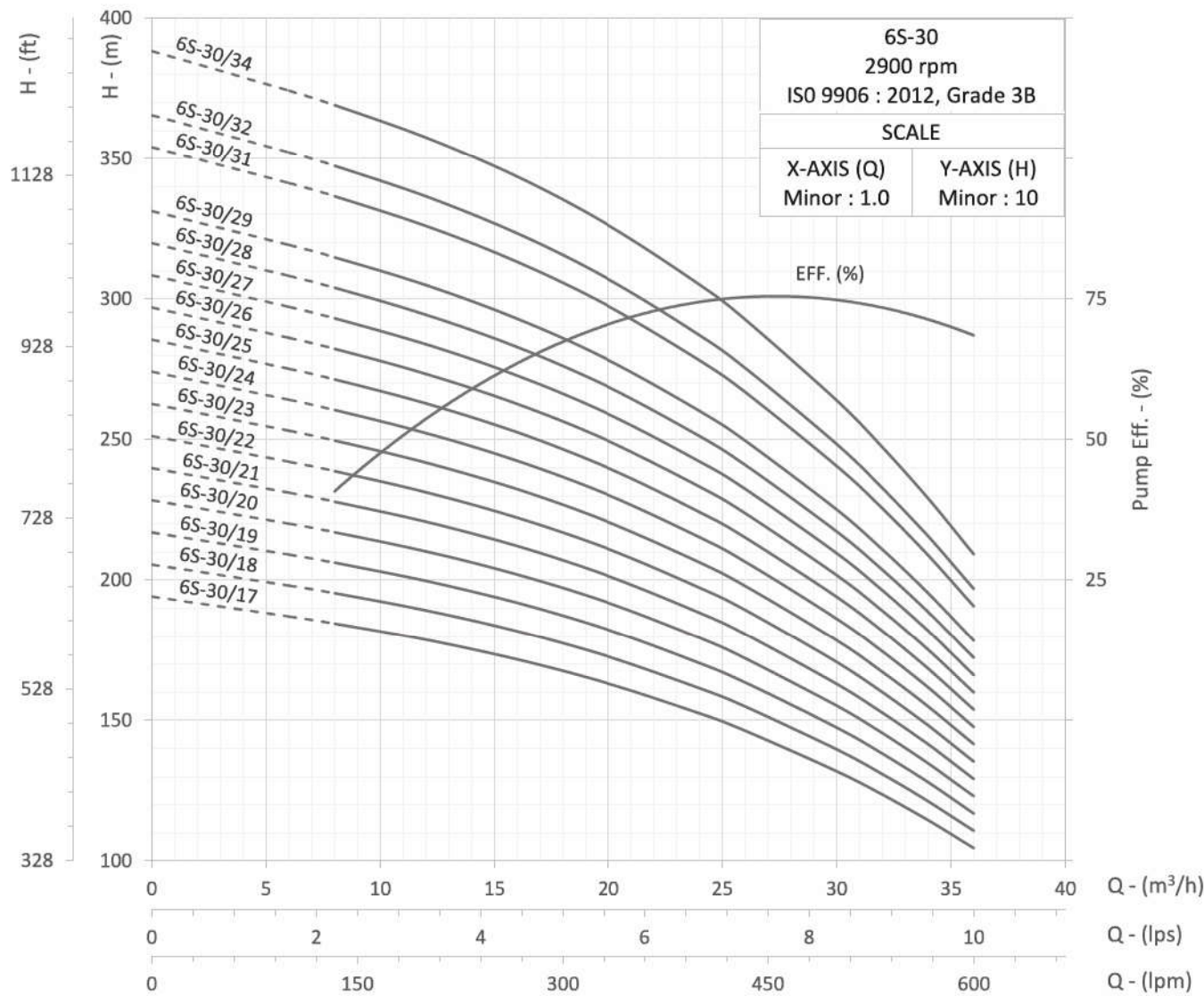
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge												
			m³/h	0.0	6.0	8.0	12.0	16.0	20.0	24.0	26.0	30.0	32.0	34.0	36.0
			lps	0.00	1.67	2.22	3.33	4.44	5.56	6.67	7.22	8.33	8.89	9.44	10.00
			lpm	0.00	100.00	133.33	200.00	266.67	333.33	400.00	433.33	500.00	533.33	566.67	600.00
6S-30/17	15	17	Head in Meters	194	187	185	179	172	163	153	146	132	124	115	105
6S-30/18	18.5	18		206	198	195	189	182	173	162	155	140	131	121	111
6S-30/19	18.5	19		217	209	206	200	192	182	170	164	147	138	128	117
6S-30/20	18.5	20		228	220	217	210	202	192	179	172	155	146	135	123
6S-30/21	18.5	21		240	231	228	221	212	202	188	181	163	153	142	129
6S-30/22	22	22		251	242	239	231	222	211	197	189	171	160	148	135
6S-30/23	22	23		263	253	250	242	232	221	206	198	179	167	155	142
6S-30/24	22	24		274	264	261	252	242	230	215	207	186	175	162	148
6S-30/25	22	25		286	275	271	263	253	240	224	215	194	182	169	154
6S-30/26	22	26		297	286	282	273	263	249	233	224	202	189	175	160
6S-30/27	26	27		308	297	293	284	273	259	242	232	210	196	182	166
6S-30/28	26	28		320	308	304	294	283	269	251	241	217	204	189	172
6S-30/29	26	29		331	319	315	305	293	278	260	250	225	211	195	178
6S-30/31	26	31		354	341	337	326	313	297	278	267	241	226	209	191
6S-30/32	30	32		365	352	347	336	323	307	287	275	248	233	216	197
6S-30/34	30	34		388	374	369	357	343	326	305	293	264	247	229	209

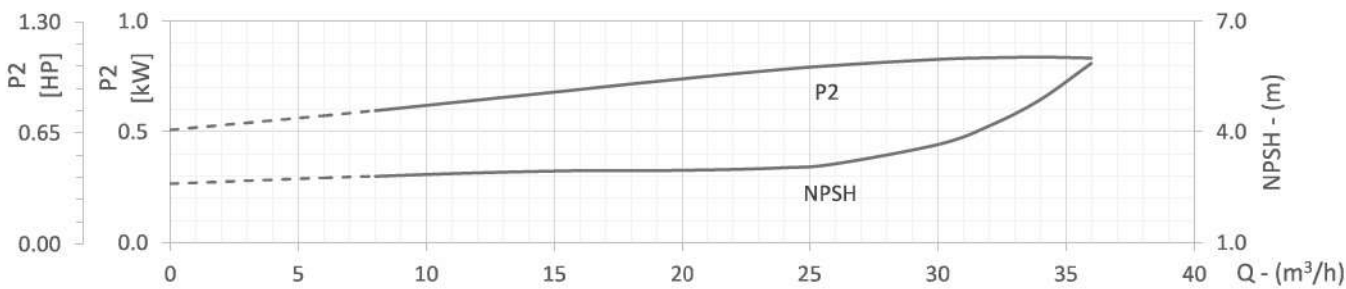
Nominal Flow : 30 m³/h

Flow Range : 8.0 - 36.0 m³/h

Performance Curve



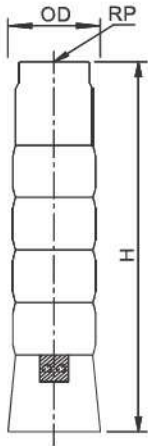
Power Curve



Nominal Dia : 6"

Outlet Size : 3"

Dimensions & Weight Data

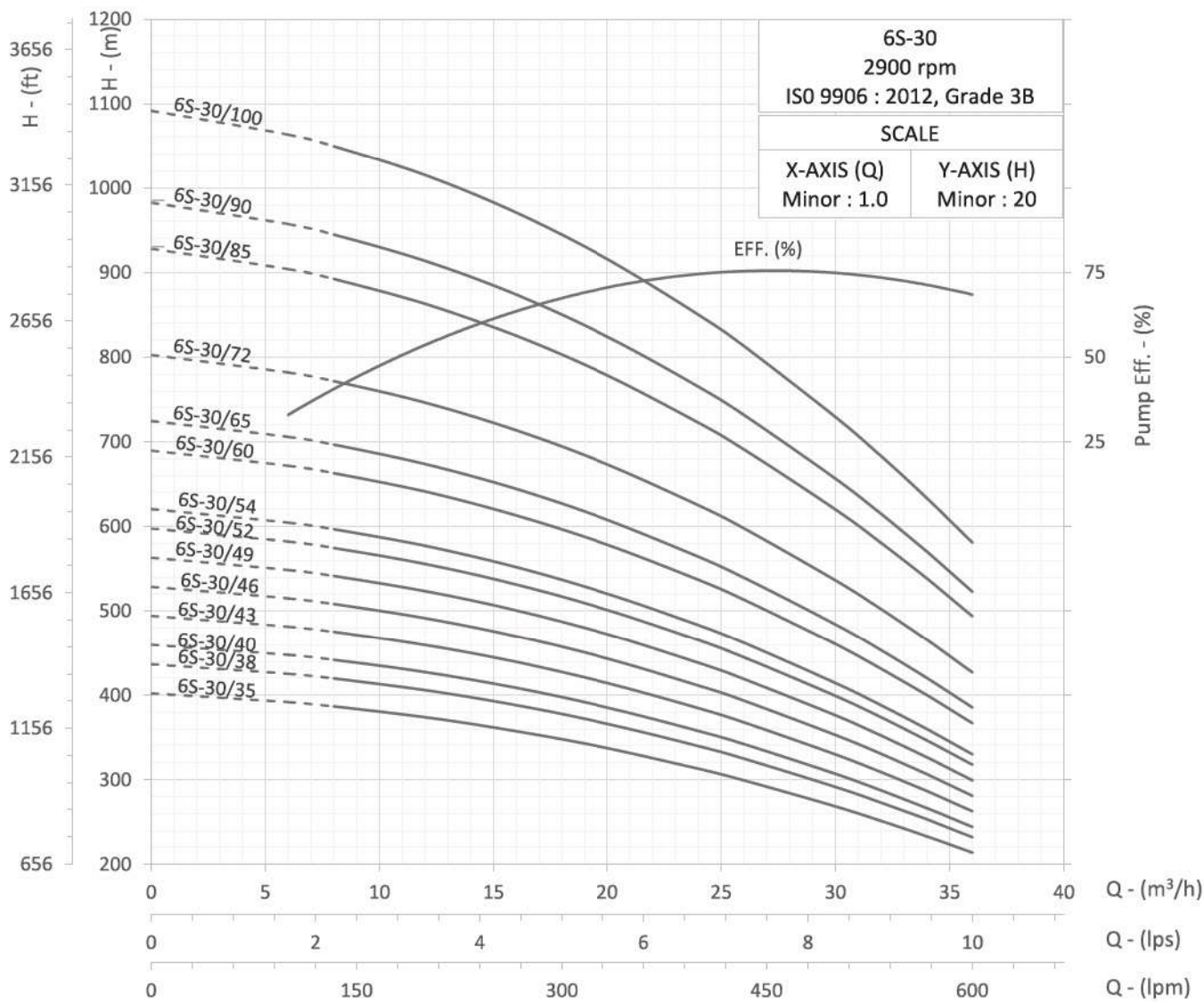


PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-30/35	30	40	1/2	136/140	80	3650	72
6S-30/38	37	50	1/2	136/140	80	3938	78
6S-30/40	37	50	1/2	136/140	80	4130	82
6S-30/43	37	50	1/2	136/140	80	4418	87
6S-30/46	45	60	1/2	136/140	80	4706	93
6S-30/49	45	60	1/2	136/140	80	4994	98
6S-30/52	55	75	1/2	136/140	80	5282	106
6S-30/54	55	75	1/2	136/140	80	5474	112
6S-30/60	63	85	1/2	136/140	80	6100	124
6S-30/65	63	85	1/2	136/140	80	6780	133
6S-30/72	75	100	1/2	136/140	80	7299	150
6S-30/85	81	110	1/2	136/140	80	9360	160
6S-30/90	93	125	1/2	136/140	80	10175	170
6S-30/100	93	125	1/2	136/140	80	10810	190

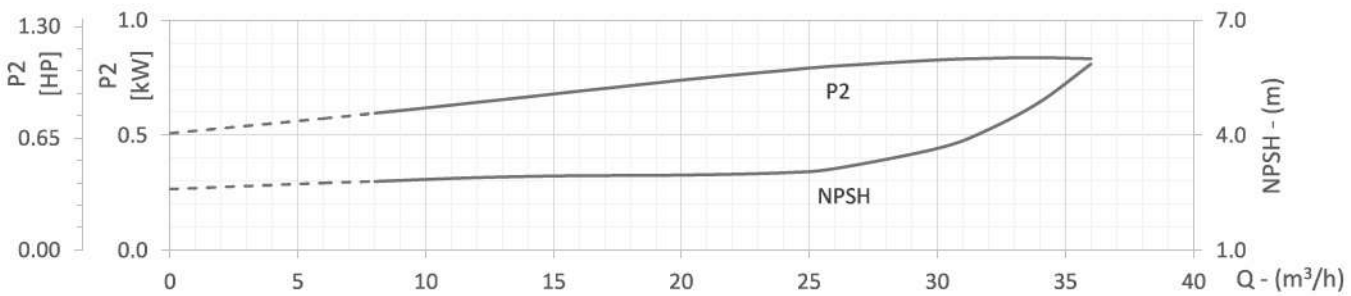
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge												
			m³/h	0.0	6.0	8.0	12.0	16.0	20.0	24.0	26.0	30.0	32.0	34.0	36.0
			lps	0.00	1.67	2.22	3.33	4.44	5.56	6.67	7.22	8.33	8.89	9.44	10.00
			lpm	0.00	100.00	133.33	200.00	266.67	333.33	400.00	433.33	500.00	533.33	566.67	600.00
6S-30/35	30	35	Head in Meters	402	392	387	374	358	337	313	300	269	252	233	214
6S-30/38	37	38		437	425	420	406	388	366	340	325	292	273	253	232
6S-30/40	37	40		460	448	442	427	409	386	358	342	307	288	267	245
6S-30/43	37	43		494	481	475	460	439	415	385	368	330	309	287	263
6S-30/46	45	46		529	515	508	492	470	444	412	394	353	331	307	281
6S-30/49	45	49		563	549	541	524	501	472	439	419	376	352	327	300
6S-30/52	55	52		598	582	575	556	531	501	465	445	399	374	347	318
6S-30/54	55	54		621	605	597	577	552	521	483	462	415	388	360	330
6S-30/60	63	60		690	672	663	641	613	579	537	513	461	431	400	367
6S-30/65	63	65		725	706	697	674	644	608	564	540	484	453	421	386
6S-30/72	75	72		803	782	772	746	714	673	625	598	536	502	466	427
6S-30/85	81	85		928	904	892	863	825	779	723	691	620	581	539	494
6S-30/90	93	90		983	957	945	914	874	824	765	732	657	615	570	523
6S-30/100	93	100		1092	1064	1050	1015	971	916	850	813	730	683	634	581

Performance Curve



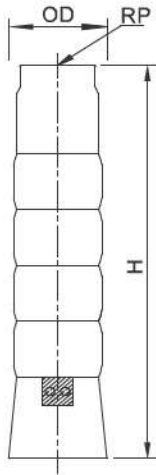
Power Curve



Nominal Dia : 6"

Outlet Size : 3" | 4"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-48/01	2.2	3	1	145	80/100	403	9
6S-48/02	3	4	1	145	80/100	516	11
6S-48/03	5.5	7.5	1/2	145/149	80/100	629	13
6S-48/04	7.5	10	1/2	145/149	80/100	742	16
6S-48/05	7.5	10	1/2	145/149	80/100	855	18
6S-48/06	9.3	12.5	1/2	145/149	80/100	968	20
6S-48/07	11	15	1/2	145/149	80/100	1081	22
6S-48/08	13	17.5	1/2	145/149	80/100	1194	25
6S-48/09	15	20	1/2	145/149	80/100	1307	27
6S-48/10	15	20	1/2	145/149	80/100	1420	29
6S-48/11	18.5	25	1/2	145/149	80/100	1533	32
6S-48/12	18.5	25	1/2	145/149	80/100	1646	34
6S-48/13	22	30	1/2	145/149	80/100	1759	36
6S-48/14	22	30	1/2	145/149	80/100	1872	38
6S-48/15	22	30	1/2	145/149	80/100	1985	41
6S-48/16	26	35	1/2	145/149	80/100	2098	43

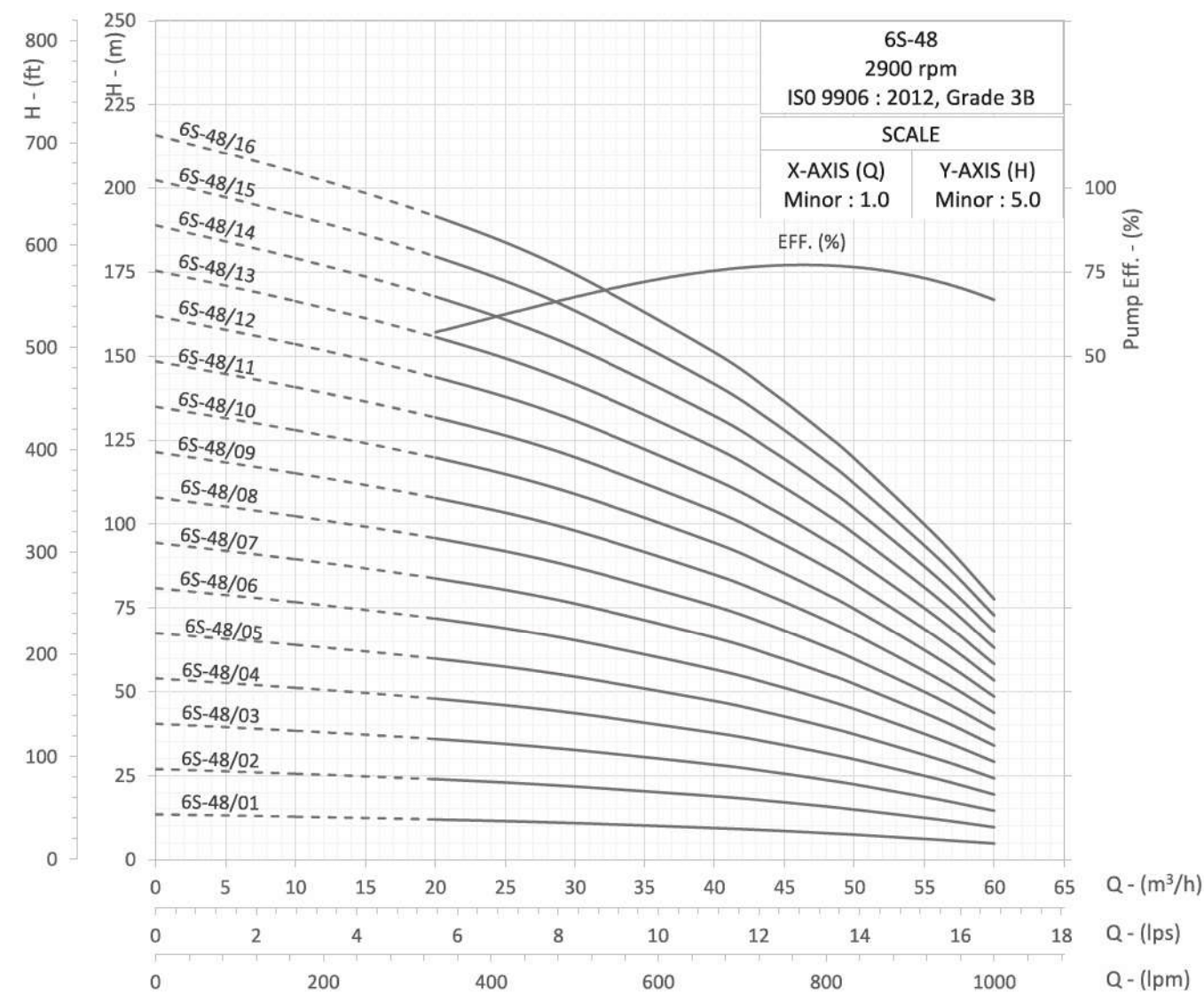
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge										
			m ³ /h	0.0	10.0	20.0	29.0	40.0	44.0	48.0	50.0	56.0	60.0
			lps	0.00	2.78	5.56	8.06	11.11	12.22	13.33	13.89	15.56	16.67
			lpm	0.00	166.67	333.33	483.33	666.67	733.33	800.00	833.33	933.33	1000.00
6S-48/01	2.2	01	Head in Meters	13	13	12	11	9	9	8	7	6	5
6S-48/02	3	02		27	26	24	22	19	17	16	15	12	10
6S-48/03	5.5	03		40	38	36	33	28	26	24	22	18	15
6S-48/04	7.5	04		54	51	48	44	38	35	32	30	24	19
6S-48/05	7.5	05		67	64	60	55	47	44	40	37	30	24
6S-48/06	9.3	06		81	77	72	66	57	52	48	45	36	29
6S-48/07	11	07		94	90	84	77	66	61	55	52	42	34
6S-48/08	13	08		108	102	96	88	76	70	63	60	48	39
6S-48/09	15	09		121	115	108	99	85	79	71	67	54	44
6S-48/10	15	10		135	128	120	110	94	87	79	75	60	49
6S-48/11	18.5	11		148	141	132	121	104	96	87	82	66	53
6S-48/12	18.5	12		162	154	144	132	113	105	95	90	72	58
6S-48/13	22	13		175	166	156	143	123	113	103	97	78	63
6S-48/14	22	14		189	179	168	154	132	122	111	105	84	68
6S-48/15	22	15		202	192	180	165	142	131	119	112	90	73
6S-48/16	26	16		216	205	192	176	151	140	127	120	96	78

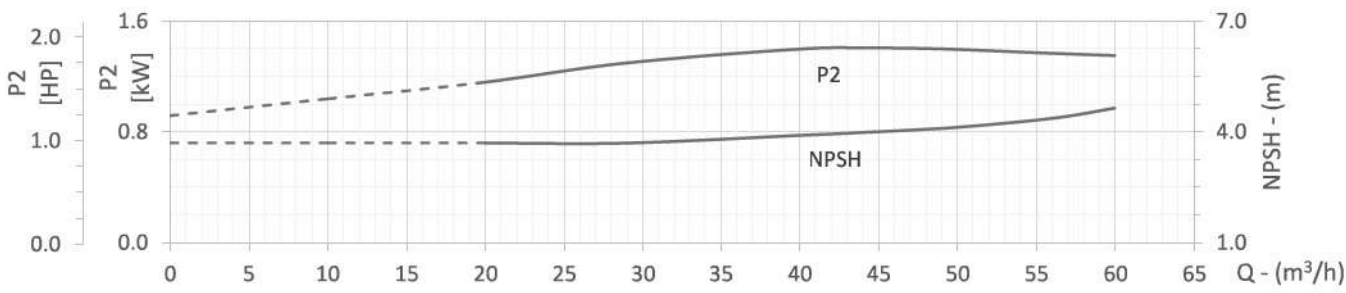
Nominal Flow : 48 m³/h

Flow Range : 20.0 - 60.0 m³/h

Performance Curve



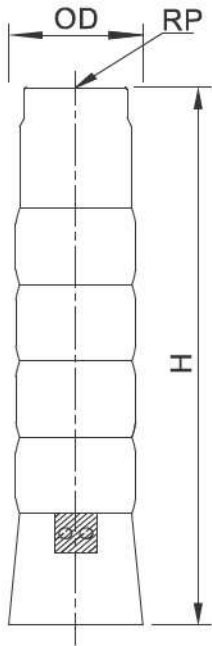
Power Curve



Nominal Dia : 6"

Outlet Size : 3" | 4"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-48/17	26	35	1/2	145/149	80/100	2211	45
6S-48/18	30	40	1/2	145/149	80/100	2324	48
6S-48/19	30	40	1/2	145/149	80/100	2437	50
6S-48/20	30	40	1/2	145/149	80/100	2550	52
6S-48/21	37	50	1/2	145/149	80/100	2663	54
6S-48/22	37	50	1/2	145/149	80/100	2776	57
6S-48/23	37	50	1/2	145/149	80/100	2889	59
6S-48/24	37	50	1/2	145/149	80/100	3002	61
6S-48/26	45	60	1/2	145/149	80/100	3228	66
6S-48/28	45	60	1/2	145/149	80/100	3454	70
6S-48/30	45	60	1/2	145/149	80/100	3680	75
6S-48/33	55	75	1/2	145/149	80/100	4019	84
6S-48/35	55	75	1/2	145/149	80/100	4245	89
6S-48/37	63	85	1/2	145/149	80/100	4471	93

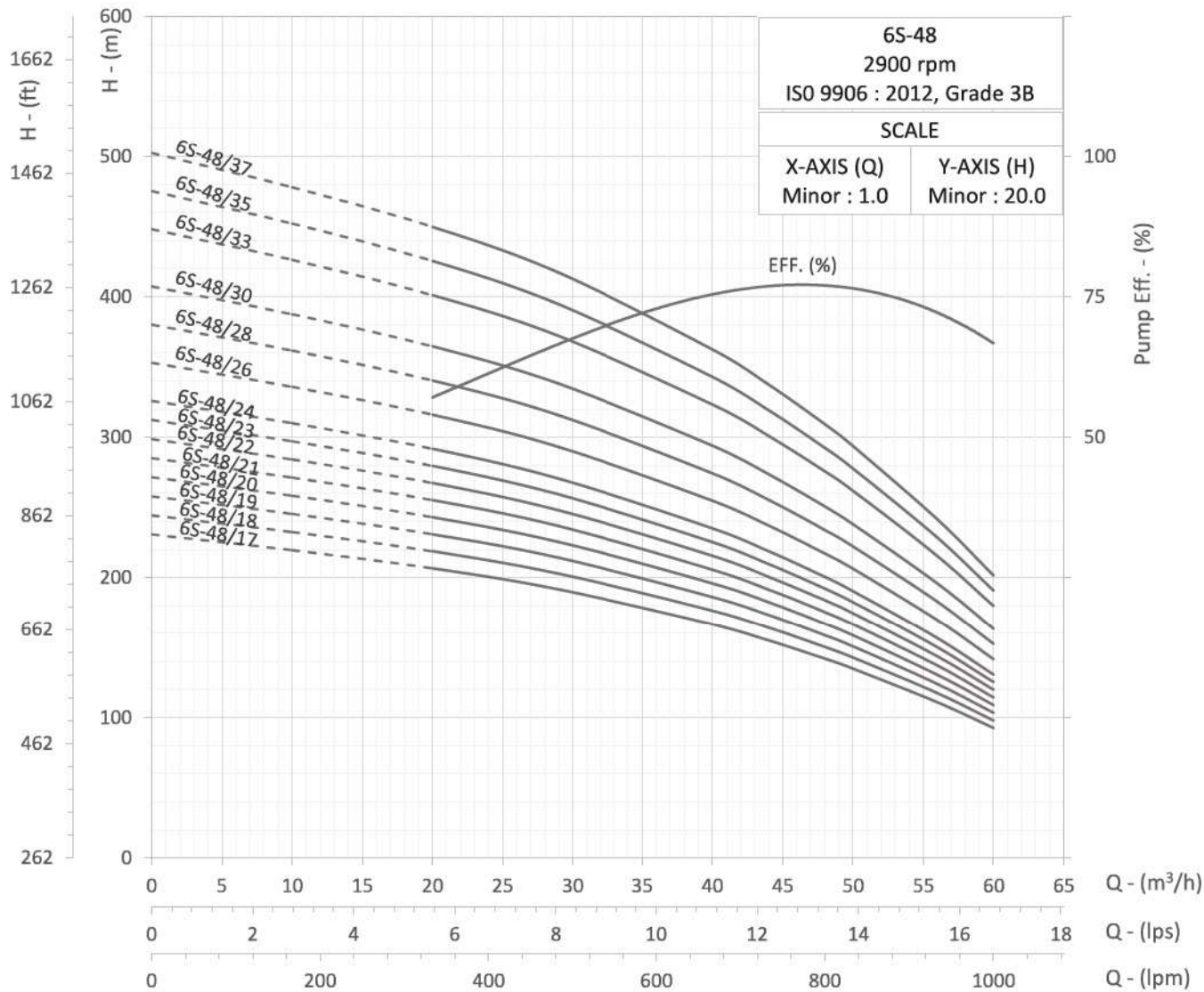
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge										
			m³/h	0.0	10.0	20.0	29.0	40.0	44.0	48.0	50.0	56.0	60.0
			lps	0.00	2.78	5.56	8.06	11.11	12.22	13.33	13.89	15.56	16.67
			lpm	0.00	166.67	333.33	483.33	666.67	733.33	800.00	833.33	933.33	1000.00
6S-48/17	26	17	Head in Meters	231	220	207	192	167	155	142	135	111	93
6S-48/18	30	18		244	232	219	203	176	164	150	143	118	98
6S-48/19	30	19		258	245	231	214	186	173	159	151	124	104
6S-48/20	37	20		272	258	243	225	196	182	167	159	131	109
6S-48/21	37	21		285	271	255	237	206	192	175	167	137	114
6S-48/22	37	22		299	284	267	248	216	201	184	175	144	120
6S-48/23	37	23		312	297	280	259	225	210	192	183	150	125
6S-48/24	37	24		326	310	292	271	235	219	201	191	157	131
6S-48/26	45	26		353	336	316	293	255	237	217	206	170	142
6S-48/28	45	28		380	362	340	316	274	255	234	222	183	153
6S-48/30	45	30		407	387	365	338	294	274	251	238	196	163
6S-48/33	55	33		448	426	401	372	323	301	276	262	215	180
6S-48/35	55	35		475	452	425	395	343	319	292	278	229	191
6S-48/37	63	37		502	478	450	417	363	337	309	294	242	202

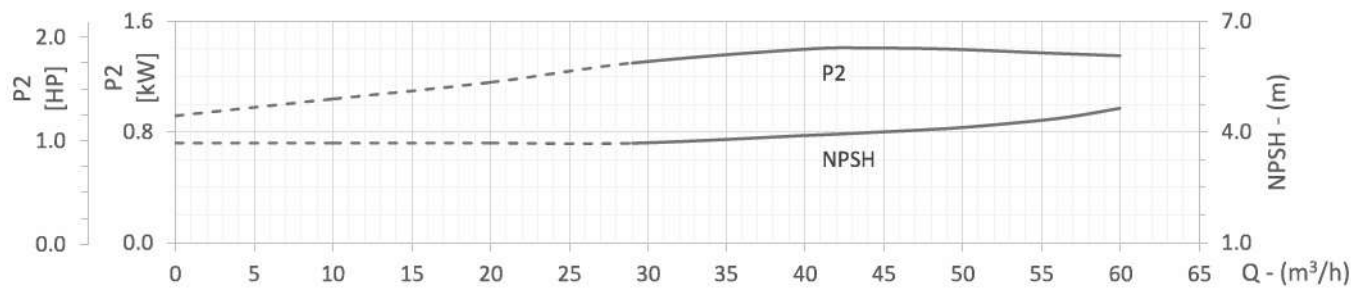
Nominal Flow : 48 m³/h

Flow Range : 20.0 - 60.0 m³/h

Performance Curve



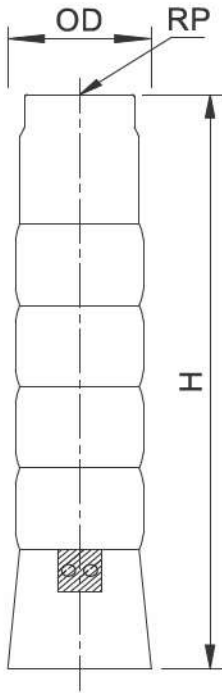
Power Curve



Nominal Dia : 6"

Outlet Size : 3" | 4"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-60/01	2.2	3	1	145	80/100		6
6S-60/02	4	5.5	1	145	80/100	516	11
6S-60/03	5.5	7.5	1/2	145/149	80/100	629	13
6S-60/04	7.5	10	1/2	145/149	80/100	742	16
6S-60/05	9.3	12.5	1/2	145/149	80/100	855	18
6S-60/06	11	15	1/2	145/149	80/100	968	21
6S-60/07	13	17.5	1/2	145/149	80/100	1081	23
6S-60/08	15	20	1/2	145/149	80/100	1194	25
6S-60/09	18.5	25	1/2	145/149	80/100	1307	28
6S-60/10	18.5	25	1/2	145/149	80/100	1420	30
6S-60/11	22	30	1/2	145/149	80/100	1533	32
6S-60/12	22	30	1/2	145/149	80/100	1646	35
6S-60/13	26	35	1/2	145/149	80/100	1759	37
6S-60/14	26	35	1/2	145/149	80/100	1872	39
6S-60/15	26	35	1/2	145/149	80/100	1985	42
6S-60/16	30	40	1/2	145/149	80/100	2098	44

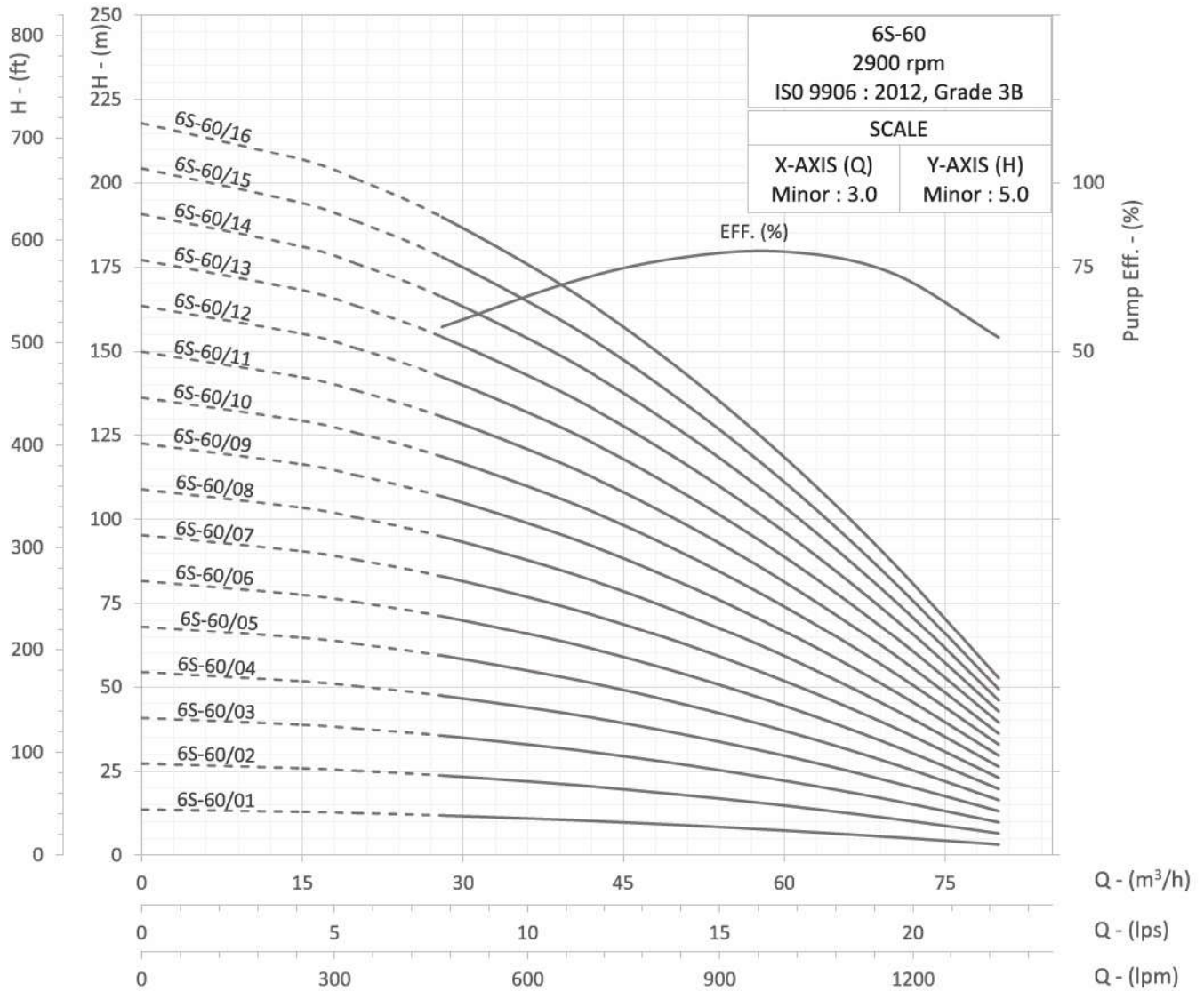
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m³/h	0.0	15.0	20.0	28.0	40.0	50.0	60.0	70.0	80.0
			lps	0.00	4.17	5.56	7.78	11.11	13.89	16.67	19.44	22.22
			lpm	0.00	250	333.33	466.67	666.67	833.33	1000	1166.67	1333.33
6S-60/01	2.2	01	Head in Meters	14	13	13	12	11	9	7	5	3
6S-60/02	4	02		27	26	25	24	21	18	15	11	7
6S-60/03	5.5	03		41	39	38	36	32	27	22	16	10
6S-60/04	7.5	04		54	52	50	47	42	36	30	22	13
6S-60/05	9.3	05		68	65	63	59	53	45	37	27	16
6S-60/06	11	06		82	78	75	71	63	55	44	33	20
6S-60/07	13	07		95	91	88	83	74	64	52	38	23
6S-60/08	15	08		109	103	101	95	84	73	59	44	26
6S-60/09	18.5	09		123	116	113	107	95	82	67	49	30
6S-60/10	18.5	10		136	129	126	119	105	91	74	55	33
6S-60/11	22	11		150	142	138	131	116	100	81	60	36
6S-60/12	22	12		163	155	151	142	126	109	89	66	40
6S-60/13	26	13		177	168	163	154	137	118	96	71	43
6S-60/14	26	14		191	181	176	166	147	127	104	77	46
6S-60/15	26	15		204	194	189	178	158	136	111	82	49
6S-60/16	30	16		218	207	201	190	168	145	119	88	53

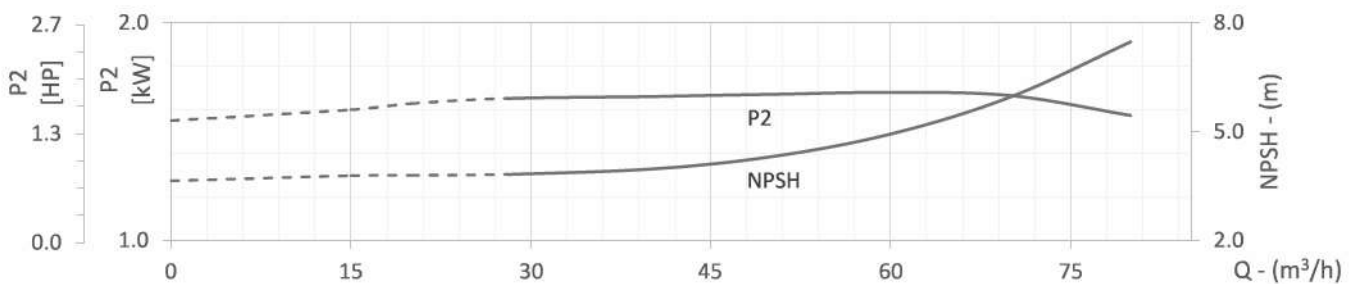
Nominal Flow : 60 m³/h

Flow Range : 28 - 80 m³/h

Performance Curve



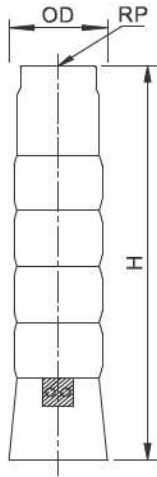
Power Curve



Nominal Dia : 6"

Outlet Size : 3" | 4"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD	RP	H	
6S-60/17	30	40	1/2	145/149	80/100	2211	46
6S-60/18	37	50	1/2	145/149	80/100	2324	49
6S-60/19	37	50	1/2	145/149	80/100	2437	51
6S-60/20	37	50	1/2	145/149	80/100	2550	53
6S-60/21	37	50	1/2	145/149	80/100	2663	56
6S-60/22	45	60	1/2	145/149	80/100	2776	58
6S-60/24	45	60	1/2	145/149	80/100	3002	63
6S-60/26	55	75	1/2	145/149	80/100	3228	70
6S-60/28	55	75	1/2	145/149	80/100	3454	74
6S-60/30	55	75	1/2	145/149	80/100	3680	79

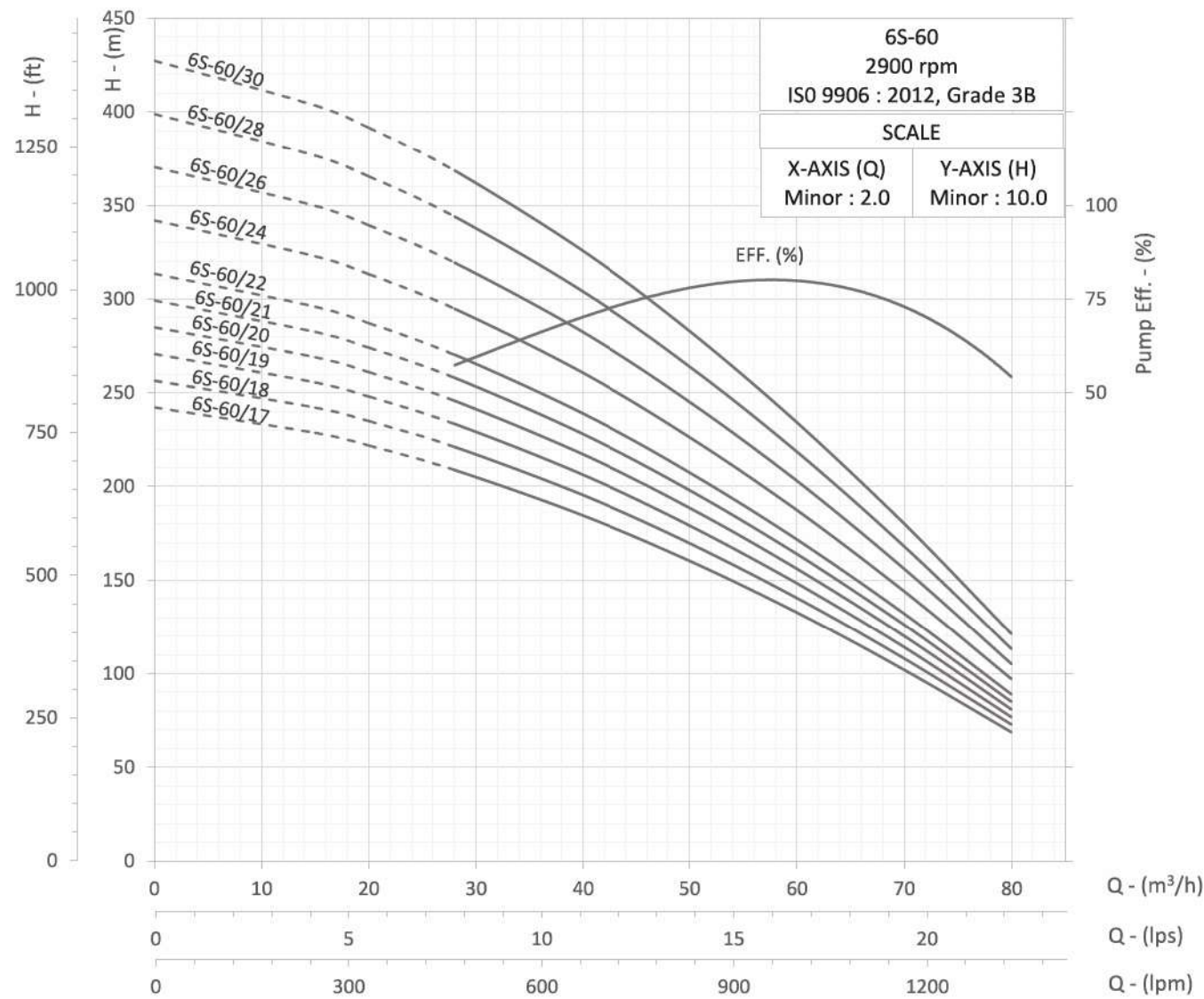
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m³/h	0.0	15.0	20.0	28.0	40.0	50.0	60.0	70.0	80.0
			lps	0.00	4.17	5.56	7.78	11.11	13.89	16.67	19.44	22.22
			lpm	0.00	250.00	333.33	466.67	666.67	833.33	1000.00	1166.67	1333.33
6S-60/17	30	17	Head in Meters	242	229	222	209	185	160	133	102	69
6S-60/18	37	18		256	242	235	221	195	170	140	108	73
6S-60/19	37	19		271	255	248	233	206	179	148	114	77
6S-60/20	37	20		285	269	261	246	217	189	156	120	81
6S-60/21	37	21		299	282	274	258	228	198	164	126	85
6S-60/22	45	22		313	296	287	270	239	207	172	132	89
6S-60/24	45	24		342	323	313	295	260	226	187	144	97
6S-60/26	55	26		370	350	339	319	282	245	203	156	105
6S-60/28	55	28		399	377	365	344	304	264	219	168	113
6S-60/30	55	30		427	403	391	368	326	283	234	180	121

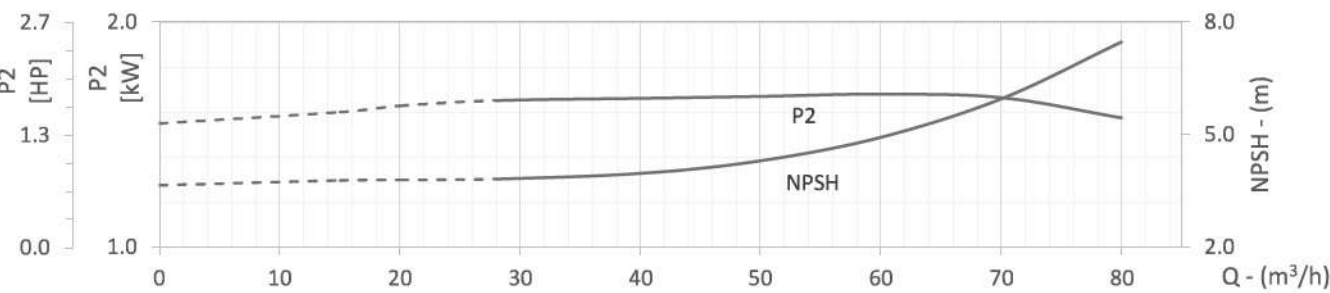
Nominal Flow : 60 m³/h

Flow Range : 28 - 80 m³/h

Performance Curve



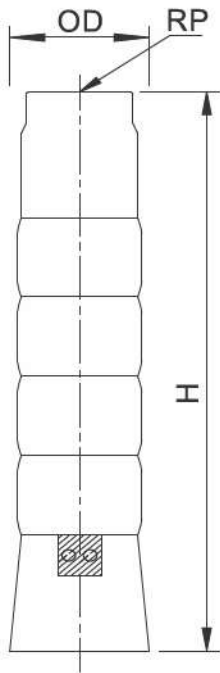
Power Curve



Nominal Dia : 8"

Outlet Size : 4" | 5"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		#OD	RP	H	
8S-78/01	5.5	7.5	1	193	100 / 125	554	22
8S-78/02	7.5	10	1/2	193/195	100 / 125	682	26
8S-78/03	11	15	1/2	193/195	100 / 125	810	29
8S-78/04	15	20	1/2	193/195	100 / 125	938	33
8S-78/05	18.5	25	1/2	193/195	100 / 125	1066	37
8S-78/06	22	30	1/2	193/195	100 / 125	1194	41
8S-78/07	26	35	1/2	193/195	100 / 125	1322	45
8S-78/08	30	40	1/2	193/195	100 / 125	1450	48
8S-78/09	30	40	1/2	193/195	100 / 125	1578	52
8S-78/10	37	50	1/2	193/195	100 / 125	1706	56
8S-78/11	45	60	1/2	193/195	100 / 125	1834	60
8S-78/12	45	60	1/2	193/195	100 / 125	1962	63
8S-78/13	55	75	1/2	193/195	100 / 125	2090	67
8S-78/14	55	75	1/2	193/195	100 / 125	2218	71
8S-78/15	55	75	1/2	193/196	100 / 126	2346	75
8S-78/16	63	85	1/2	193/195	100 / 125	2474	78
8S-78/17	63	85	1/2	193/195	100 / 125	2602	82
8S-78/18	63	85	1/2	193/195	100 / 125	2730	85
8S-78/19	75	100	1/2	193/195	100 / 125	2858	89
8S-78/20	75	100	1/2	193/195	100 / 125	2986	93
8S-78/21	75	100	1/2	193/195	100 / 125	3114	97
8S-78/22	93	125	1/2	193/195	100 / 125	3242	100

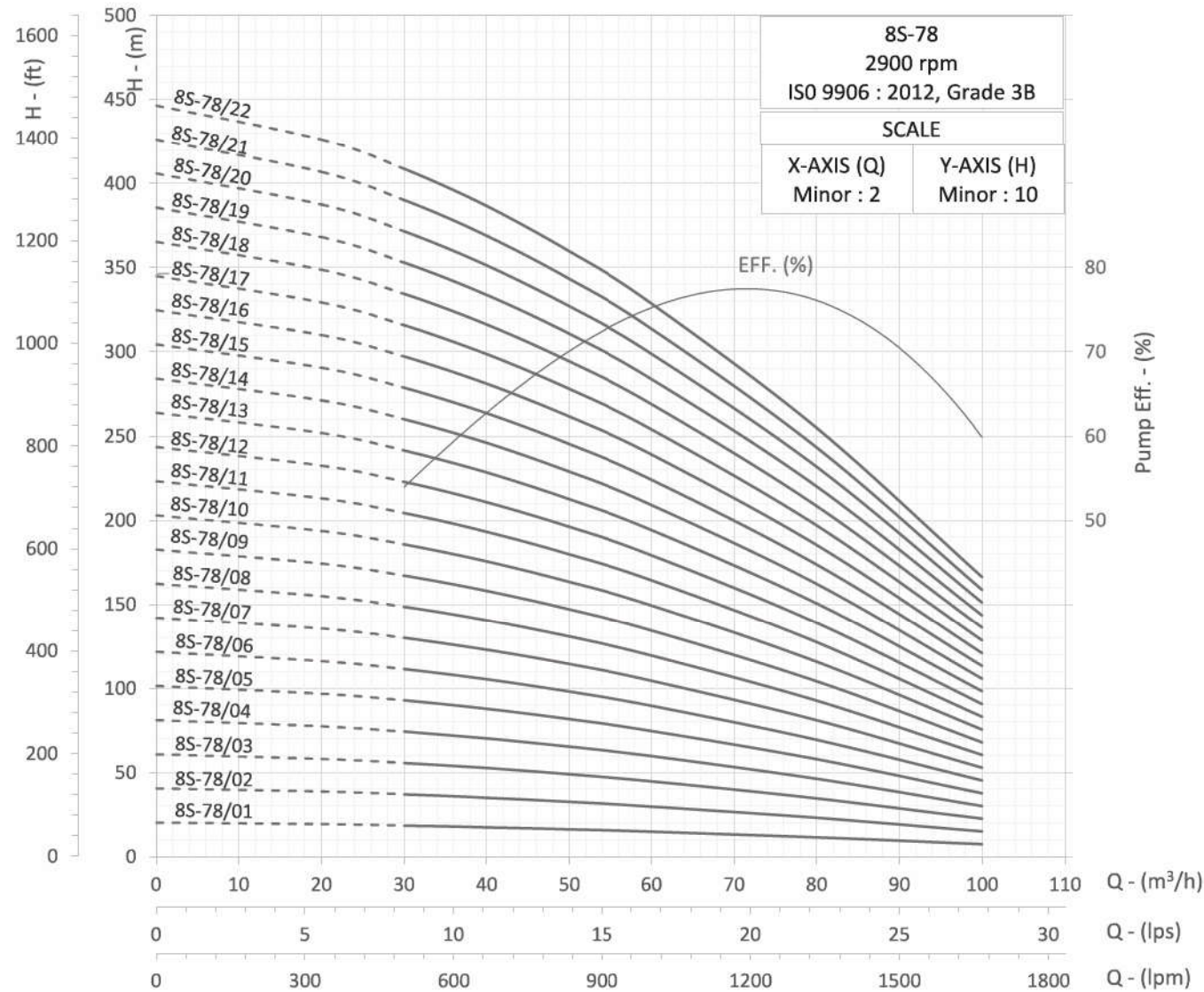
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge								
			m³/h	0.0	20.0	30.0	40.0	50.0	60.0	80.0	100.0
			lps	0.00	5.56	8.33	11.11	13.89	16.67	22.22	27.78
			lpm	0.00	333.33	500.00	666.67	833.33	1000.00	1333.33	1666.67
8S-78/01	5.5	01	Head in Meters	20	19	19	18	16	15	12	8
8S-78/02	7.5	02		41	39	37	35	33	30	23	15
8S-78/03	11	03		61	58	56	53	49	45	35	23
8S-78/04	15	04		81	77	74	70	65	60	46	30
8S-78/05	18.5	05		101	97	93	88	82	75	58	38
8S-78/06	22	06		122	116	111	105	98	90	70	45
8S-78/07	26	07		142	136	130	123	114	105	81	53
8S-78/08	30	08		162	155	149	141	131	120	93	60
8S-78/09	30	09		183	174	167	158	147	135	104	68
8S-78/10	37	10		203	194	186	176	164	149	116	76
8S-78/11	45	11		223	213	204	193	180	164	127	83
8S-78/12	45	12		244	232	223	211	196	179	139	91
8S-78/13	55	13		264	252	241	228	213	194	151	98
8S-78/14	55	14		284	271	260	246	229	209	162	106
8S-78/15	55	15		304	291	279	263	245	224	174	113
8S-78/16	63	16		325	310	297	281	262	239	185	121
8S-78/17	63	17		345	329	316	299	278	254	197	128
8S-78/18	63	18		365	349	334	316	294	269	209	136
8S-78/19	75	19		386	368	353	334	311	284	220	144
8S-78/20	75	20		406	387	372	351	327	299	232	151
8S-78/21	75	21		426	407	390	369	343	314	243	159
8S-78/22	93	22		447	426	409	386	360	329	255	166

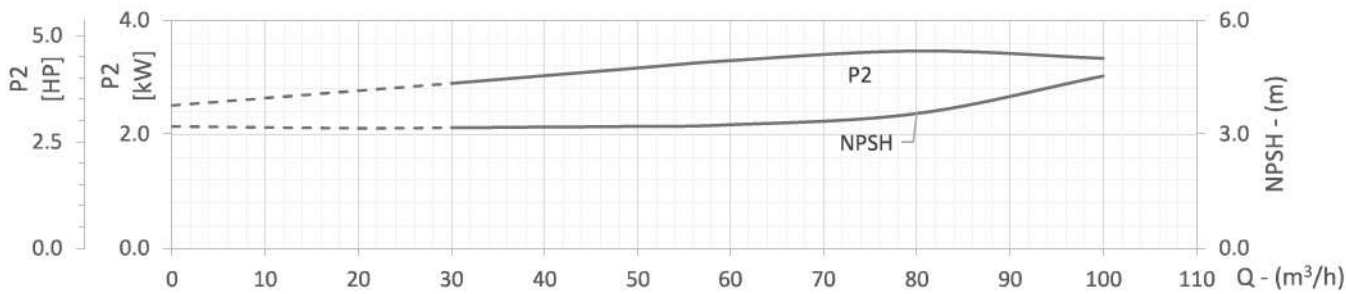
Nominal Flow : 78 m³/h

Flow Range : 30.0 - 100.0 m³/h

Performance Curve



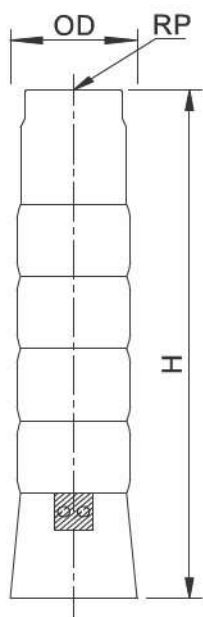
Power Curve



Nominal Dia : 8"

Outlet Size : 5"

Dimensions & Weight Data



PUMP MODEL	POWER		*NO OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		#OD	RP	H	
8S-95/01	5.5	7.5	1	193	125	554	22
8S-95/02	9.3	12.5	1/2	193/195	125	682	26
8S-95/03	13	17.5	1/2	193/195	125	810	30
8S-95/04	18.5	25	1/2	193/195	125	938	33
8S-95/05	22	30	1/2	193/195	125	1066	37
8S-95/06	26	35	1/2	193/195	125	1194	41
8S-95/07	30	40	1/2	193/195	125	1322	45
8S-95/08	37	50	1/2	193/195	125	1450	49
8S-95/09	37	50	1/2	193/195	125	1578	53
8S-95/10	45	60	1/2	193/195	125	1706	57
8S-95/11	55	75	1/2	193/195	125	1834	61
8S-95/12	55	75	1/2	193/195	125	1962	64
8S-95/13	55	75	1/2	193/195	125	2090	68
8S-95/14	63	85	1/2	193/195	25	2218	74
8S-95/15	75	100	1/2	193/195	125	2346	76
8S-95/16	75	100	1/2	193/195	125	2474	80
8S-95/17	75	125	1/2	193/195	125	2602	84
8S-95/18	93	125	1/2	193/195	125	2730	88
8S-95/19	93	125	1/2	193/195	125	2858	92
8S-95/20	93	125	1/2	193/195	125	2986	96
8S-95/22	110	150	1/2	193/195	125	3242	104
8S-95/24	130	175	1/2	193/195	125	3370	111

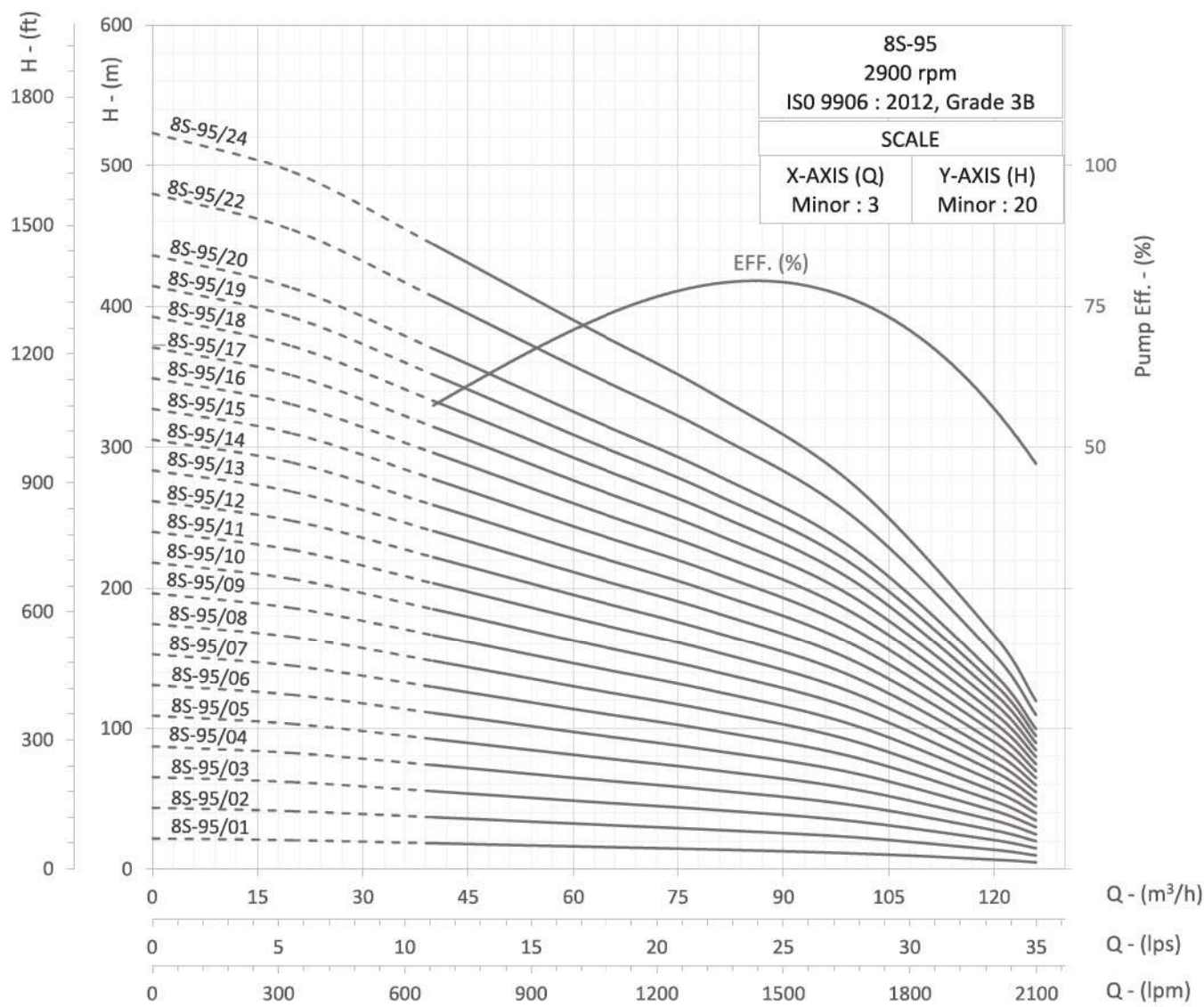
Performance Table

Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge								
			m³/h	0.0	20.0	40.0	60.0	80.0	100.0	120.0	126.0
			lps	0.00	5.56	11.11	16.67	22.22	27.78	33.33	35.00
			lpm	0.00	333.33	666.67	1000.00	1333.33	1666.67	2000.00	2100.00
8S-95/01	5.5	01	Head in Meters	22	21	18	16	14	11	7	5
8S-95/02	9.3	02		44	41	37	33	28	23	14	10
8S-95/03	13	03		65	62	55	49	42	34	21	15
8S-95/04	18.5	04		87	83	74	65	56	46	28	20
8S-95/05	22	05		109	103	92	81	70	57	35	25
8S-95/06	26	06		131	124	111	98	84	68	42	30
8S-95/07	30	07		153	144	129	114	98	80	49	35
8S-95/08	37	08		174	165	148	130	113	91	55	40
8S-95/09	37	09		196	186	166	146	127	102	62	45
8S-95/10	45	10		218	206	185	163	141	114	69	50
8S-95/11	55	11		240	227	203	179	155	125	76	55
8S-95/12	55	12		262	248	222	195	169	137	83	60
8S-95/13	55	13		284	268	240	211	183	148	90	65
8S-95/14	63	14		305	289	259	228	197	159	97	70
8S-95/15	75	15		327	310	277	244	211	171	104	75
8S-95/16	75	16		349	330	296	260	225	182	111	80
8S-95/17	75	17		371	351	314	276	239	194	118	85
8S-95/18	93	18		393	372	333	293	253	205	125	90
8S-95/19	93	19		414	392	351	309	267	216	132	95
8S-95/20	93	20		436	413	370	325	281	228	139	100
8S-95/22	110	22		480	454	407	358	310	251	153	110
8S-95/24	130	24		523	495	444	390	338	273	166	119

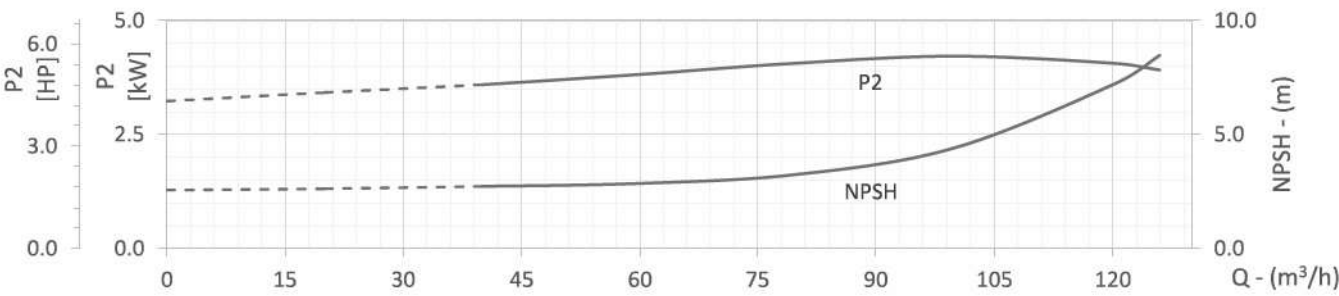
Nominal Flow : 95 m³/h

Flow Range : 40.0 - 126.0 m³/h

Performance Curve



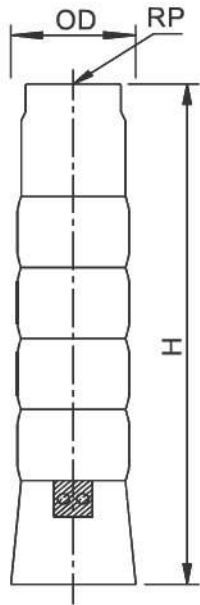
Power Curve



Nominal Dia : 10"

Outlet Size : 6"

Dimensions & Weight Data



PUMP MODEL	POWER		*No. OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		#OD	RP	H	
10S-125/01	11	15	1/2	225	150	644	31
10S-125/02	22	30	1/2	225	150	798	37
10S-125/03	30	40	1/2	225	150	952	43
10S-125/04R	37	50	1/2	225	150	1106	49
10S-125/04	45	60	1/2	225	150	1106	49
10S-125/05R	45	60	1/2	225	150	1260	55
10S-125/05	55	75	1/2	225	150	1260	55
10S-125/06	63	85	1/2	225	150	1414	61
10S-125/07	75	100	1/2	225	150	1568	67
10S-125/08RR	75	100	1/2	225	150	1722	74
10S-125/08R	75	100	1/2	225	150	1722	74
10S-125/08	75	100	1/2	225	150	1722	74
10S-125/09	93	125	1/2	225	150	1876	80
10S-125/10R	93	125	1/2	225	150	2030	86
10S-125/10	93	125	1/2	225	150	2030	86
10S-125/11	110	150	1/2	225	150	2184	92
10S-125/12	130	175	1/2	225	150	2338	98
10S-125/13	130	175	1/2	225	150	2492	109
10S-125/14	150	200	1/2	225	150	2646	120
10S-125/15	150	200	1/2	225	150	2800	131
10S-125/16	170	225	1/2	225	150	2954	142
10S-125/17	170	225	1/2	225	150	3108	152

Performance Table

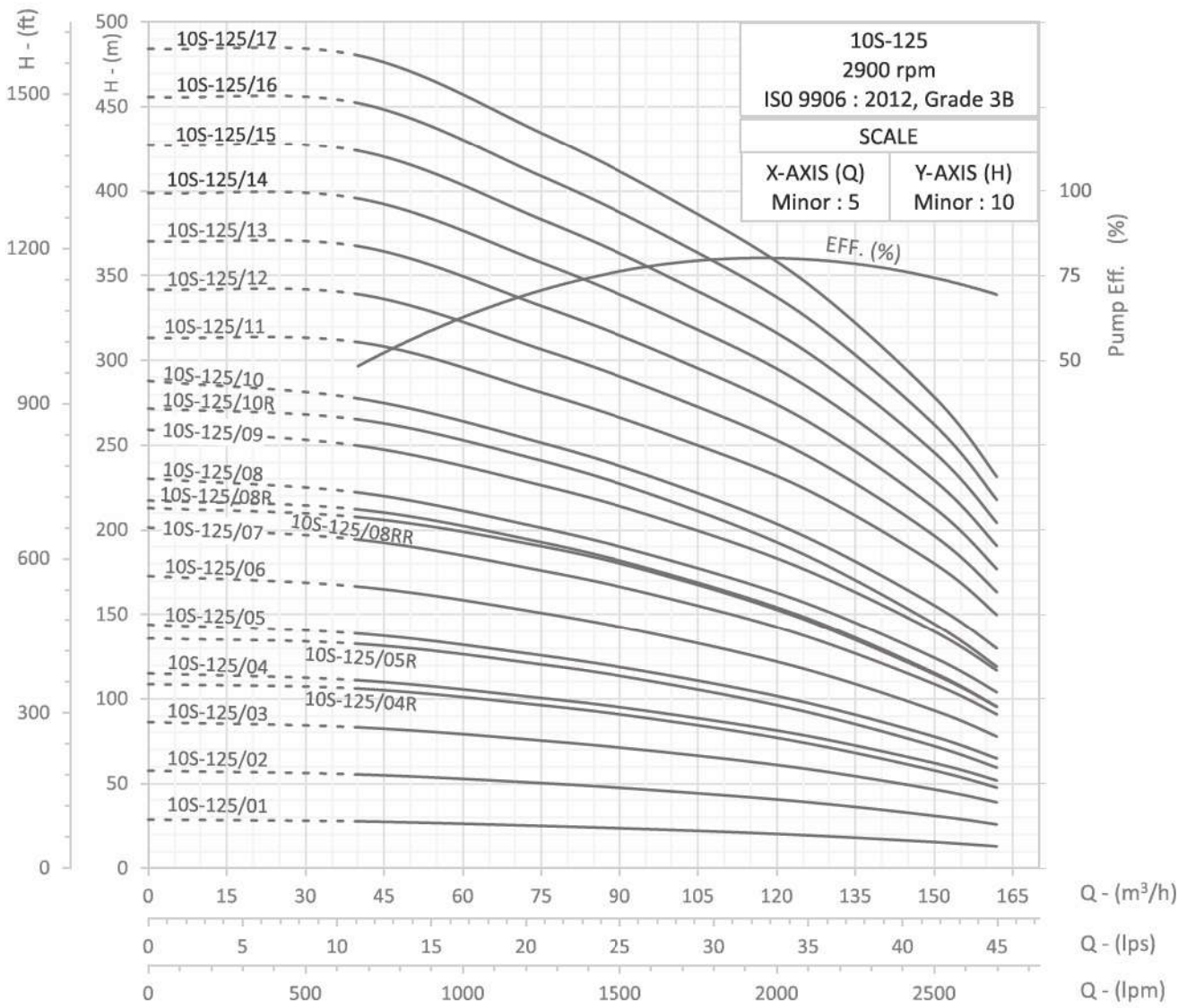
Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge							
			m³/h	0.0	40.0	75.0	100.0	125.0	150.0	162.0
			lps	0.00	11.11	20.83	27.78	34.72	41.67	45.00
			lpm	0.00	666.67	1250.00	1666.67	2083.33	2500.00	2700.00
10S-125/01	11	01	Head in Meters	29	28	25	23	20	16	13
10S-125/02	22	02		58	56	50	45	39	31	26
10S-125/03	30	03		86	83	75	68	59	47	39
10S-125/04R	37	4		109	106	96	87	74	58	48
10S-125/04	45	04		115	111	101	91	79	62	52
10S-125/05R	45	5		136	133	120	108	93	72	60
10S-125/05	55	05		144	139	126	114	98	78	65
10S-125/06	63	06		173	167	151	136	118	93	78
10S-125/07	75	07		201	194	176	159	138	109	91
10S-125/08RR	75	8		213	208	190	172	147	115	95
10S-125/08R	75	8		217	212	193	173	149	116	95
10S-125/08	75	08		230	222	201	182	157	124	104
10S-125/09	93	09		259	250	226	204	177	140	117
10S-125/10R	93	10		272	265	241	217	186	144	119
10S-125/10	93	10		288	278	251	227	197	156	130
10S-125/11	110	11		313	311	281	255	225	180	150
10S-125/12	132	12		342	339	307	279	245	197	163
10S-125/13	132	13		370	367	332	302	266	213	177
10S-125/14	150	14		399	396	358	325	286	229	191
10S-125/15	150	15		427	424	383	348	307	246	204
10S-125/16	170	16		456	452	409	372	327	262	218
10S-125/17	170	17		484	480	434	395	347	279	231

Q (m³/h)	0.0	40.0	75.0	100.0	125.0	150.0	162.0
P2	5.3130	6.5366	7.5440	8.2512	8.8178	9.0142	8.8830
P2(hp)	7.122	8.762	10.113	11.061	11.820	12.083	11.907
EFF. (%)	0.0	48.4	70.3	78.3	80.3	74.9	68.8
NPSH	2.350	2.336	2.977	3.642	4.898	7.200	8.853

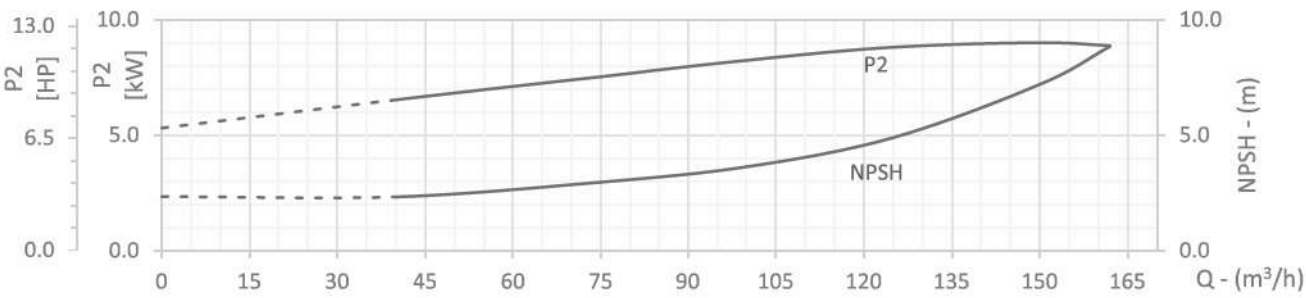
Nominal Flow : 125 m³/h

Flow Range : 40.0 - 162.0 m³/h

Performance Curve



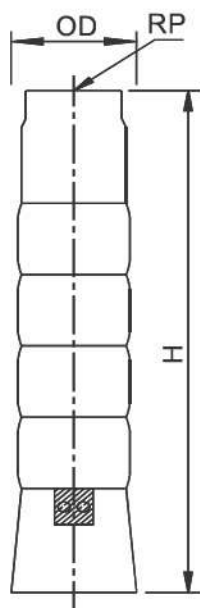
Power Curve



Nominal Dia : 10"

Outlet Size : 6"

Dimensions & Weight Data



PUMP MODEL	POWER		*No. OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		#OD	RP	H	
10S - 160/01R	9.3	12.5	1/2	225	150	646	30
10S - 160/01	13	17.5	1/2	225	150	646	30
10S - 160/02RR	18.5	25	1/2	225	150	802	36
10S - 160/02R	22	30	1/2	225	150	802	36
10S - 160/02	26	35	1/2	225	150	802	36
10S - 160/03RR	30	40	1/2	225	150	958	43
10S - 160/03R	37	50	1/2	225	150	958	43
10S - 160/03	37	50	1/2	225	150	958	43
10S - 160/04RR	45	60	1/2	225	150	1114	49
10S - 160/04R	45	60	1/2	225	150	1114	49
10S - 160/04	55	75	1/2	225	150	1114	49
10S - 160/05RR	55	75	1/2	225	150	1270	56
10S - 160/05R	55	75	1/2	225	150	1270	56
10S - 160/05	63	85	1/2	225	150	1270	56
10S - 160/06RR	63	85	1/2	225	150	1426	62
10S - 160/06R	75	100	1/2	225	150	1426	62
10S - 160/06	75	100	1/2	225	150	1426	62

Performance Table

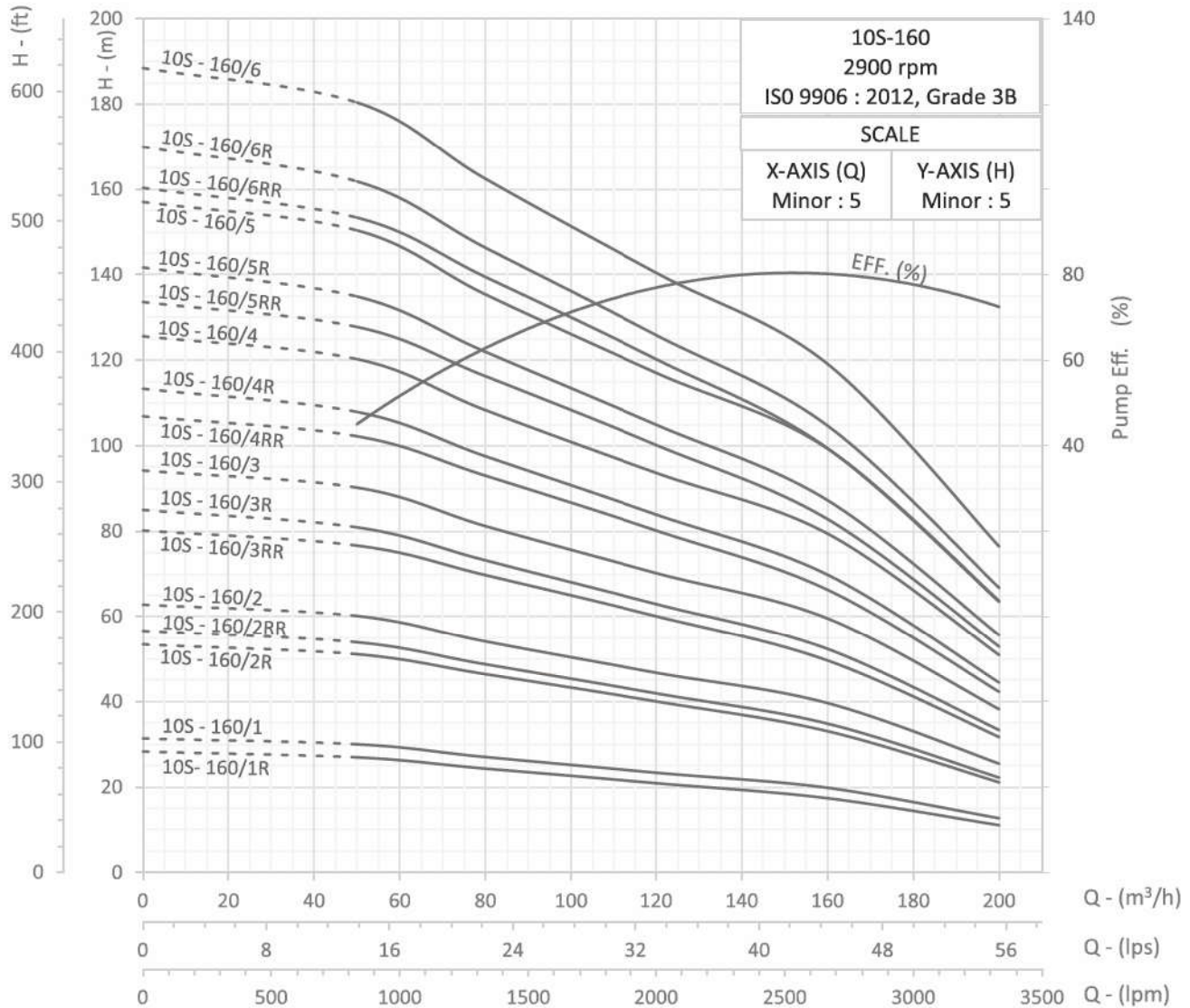
Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge						
			m ³ /h	0.0	50.0	80.0	120.0	160.0	200.0
			lps	0.00	13.89	22.22	33.33	44.44	55.56
			lpm	0.00	833.33	1333.33	2000.00	2666.67	3333.33
10S- 160/1R	9	1	Head in Meters	28	27	24	21	17	11
10S - 160/1	13	1		31	30	27	23	20	13
10S - 160/2RR	19	2		53	51	46	40	33	21
10S - 160/2R	22	2		57	54	49	42	35	22
10S - 160/2	26	2		63	60	54	47	40	25
10S - 160/3RR	30	3		80	77	70	60	50	32
10S - 160/3R	37	3		85	81	73	63	52	33
10S - 160/3	37	3		94	90	81	70	60	38
10S - 160/4RR	45	4		107	102	93	80	66	42
10S - 160/4R	45	4		113	108	98	84	70	44
10S - 160/4	55	4		126	120	108	94	79	51
10S - 160/5RR	55	5		134	128	116	100	83	53
10S - 160/5R	55	5		142	135	122	105	87	56
10S - 160/5	63	5		157	150	135	117	99	64
10S - 160/6RR	63	6		160	153	139	120	99	64
10S - 160/6R	75	6		170	162	146	126	105	67
10S - 160/6	75	6		188	180	162	140	119	76

Q (m ³ /h)	0.0	50.0	80.0	120.0	160.0	200.0
P2	8.4700	9.3832	9.7592	10.4451	11.1942	11.2822
P2(hp)	11.354	12.578	13.082	14.001	15.006	15.124
EFF. (%)	0.0	45.3	62.4	76.4	81.2	72.1
NPSH	3.685	3.746	3.996	5.060	7.533	12.109

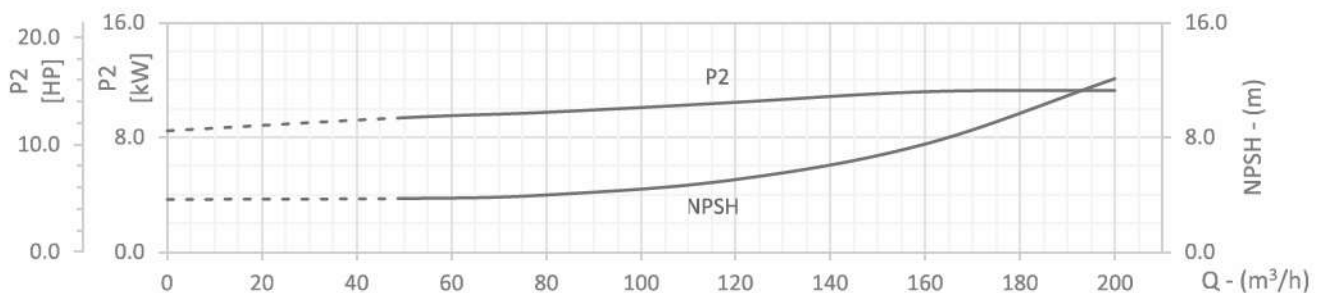
Nominal Flow : 160 m³/h

Flow Range : 50.0 - 200.0 m³/h

Performance Curve



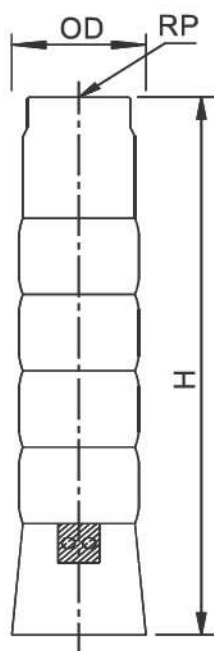
Power Curve



Nominal Dia : 10"

Outlet Size : 6"

Dimensions & Weight Data



PUMP MODEL	POWER		*No. OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		#OD	RP	H	
10S - 160/07RR	75	100	1/2	225	150	1582	68
10S - 160/07R	93	125	1/2	225	150	1582	68
10S - 160/07	93	125	1/2	225	150	1582	68
10S - 160/08RR	93	125	1/2	225	150	1738	74
10S - 160/08R	93	125	1/2	225	150	1738	74
10S - 160/08	93	125	1/2	225	150	1738	74
10S - 160/09RR	110	150	1/2	225	150	1894	83
10S - 160/09R	110	150	1/2	225	150	1894	83
10S - 160/09	110	150	1/2	225	150	1894	83
10S - 160/10RR	110	150	1/2	225	150	2050	90
10S - 160/10R	130	175	1/2	225	150	2050	90
10S - 160/10	130	175	1/2	225	150	2050	90
10S - 160/11	130	175	1/2	225	150	2206	96
10S - 160/12	150	200	1/2	225	150	2362	107
10S - 160/13	170	225	1/2	225	150	2518	113
10S - 160/14	170	225	1/2	225	150	2674	119
10S - 160/15	187	250	1/2	225	150	2830	125

Performance Table

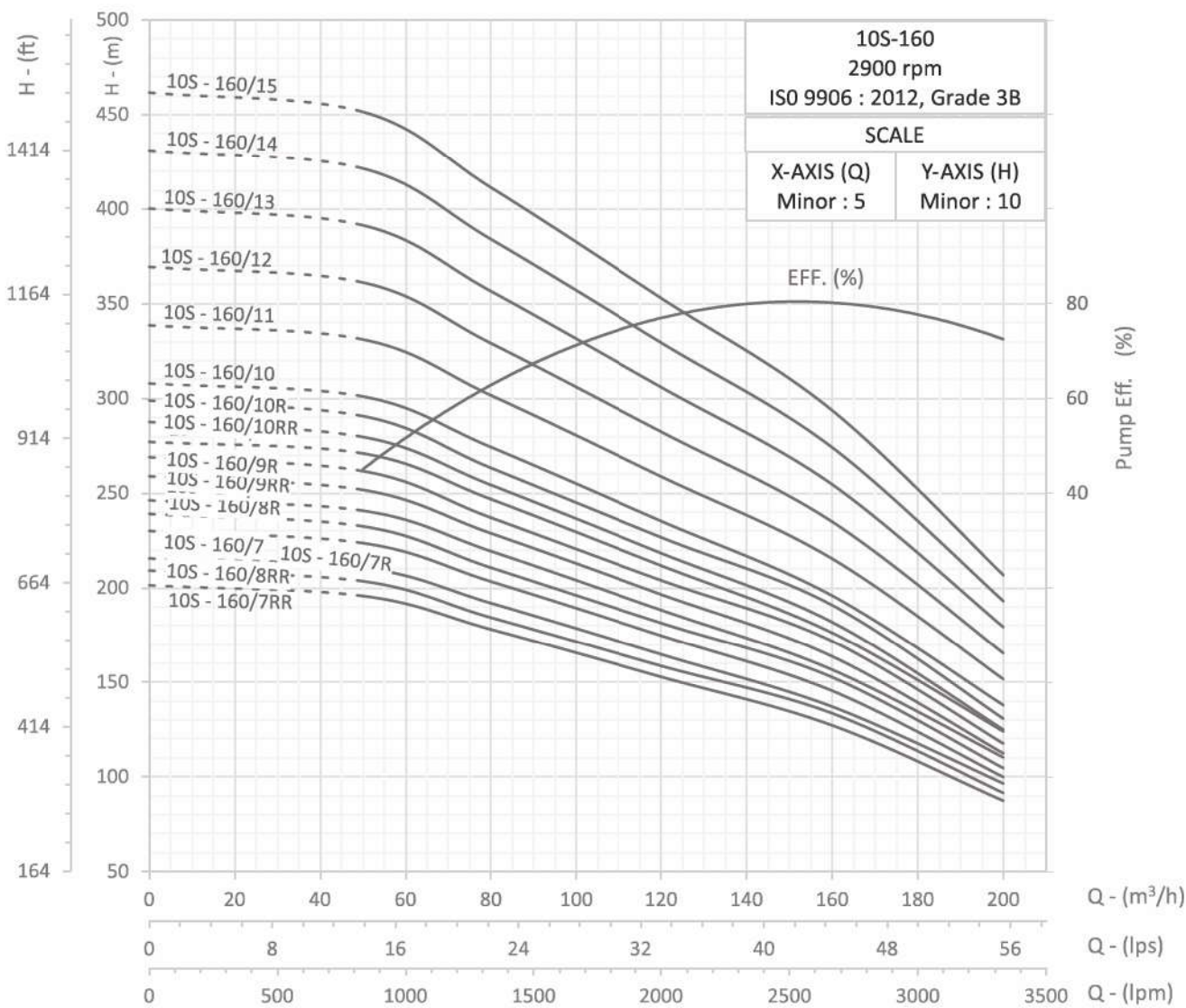
Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge						
			m ³ /h	0.0	50.0	80.0	120.0	160.0	200.0
			lps	0.00	13.89	22.22	33.33	44.44	55.56
			lpm	0.00	833.33	1333.33	2000.00	2666.67	3333.33
10S - 160/7RR	75	7	Head in Meters	201	196	178	153	127	87
10S - 160/7R	93	7		209	203	184	159	134	91
10S - 160/7	93	7		215	211	192	165	137	96
10S - 160/8RR	93	8		230	224	203	175	145	100
10S - 160/8R	93	8		239	233	211	181	153	105
10S - 160/8	93	8		246	241	219	188	157	110
10S - 160/9RR	110	9		259	252	229	197	164	112
10S - 160/9R	110	9		269	262	237	204	172	118
10S - 160/9	110	9		277	271	247	212	176	124
10S - 160/10RR	110	10		288	280	254	218	182	125
10S - 160/10R	132	10		299	291	263	227	191	131
10S - 160/10	132	10		308	301	274	235	196	138
10S - 160/11	132	11		339	331	302	259	215	152
10S - 160/12	150	12		369	361	329	282	235	165
10S - 160/13	170	13		400	391	357	306	255	179
10S - 160/14	170	14		431	421	384	329	274	193
10S - 160/15	187	15		462	451	411	353	294	207

Q (m ³ /h)	0.0	50.0	80.0	120.0	160.0	200.0
P2	8.4700	9.3832	9.7592	10.4451	11.1942	11.2822
P2(hp)	11.354	12.578	13.082	14.001	15.006	15.124
EFF. (%)	0.0	45.3	62.4	76.4	81.2	72.1
NPSH	3.685	3.746	3.996	5.060	7.533	12.109

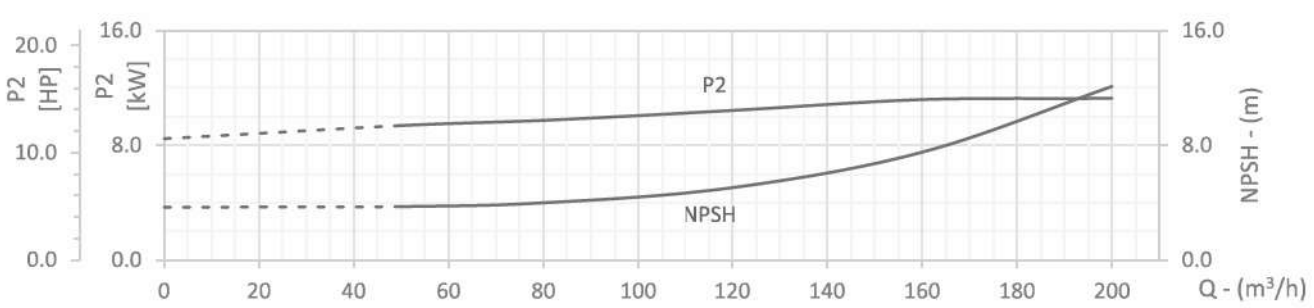
Nominal Flow : 160 m³/h

Flow Range : 50.0 - 200.0 m³/h

Performance Curve



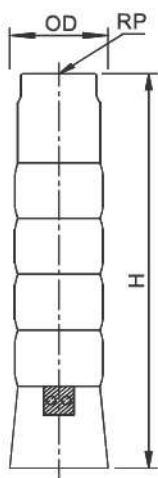
Power Curve



Nominal Dia : 10"

Outlet Size : 6"

Dimensions & Weight Data



PUMP MODEL	POWER		*No. OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP		OD*	RP	H	
10S - 215/01R	15	20	1/2	255	259	150	47
10S - 215/01	18.5	25	1/2	255	259	150	47
10S - 215/02RR	30	40	1/2	255	259	150	60
10S - 215/02R	37	50	1/2	255	259	150	60
10S - 215/02	45	60	1/2	255	259	150	60
10S - 215/03RR	55	75	1/2	255	259	150	80
10S - 215/03R	55	75	1/2	255	259	150	80
10S - 215/03	63	85	1/2	255	259	150	80
10S - 215/04RR	75	100	1/2	255	259	150	92
10S - 215/04R	75	100	1/2	255	259	150	92
10S - 215/04	75	100	1/2	255	259	150	92
10S - 215/05RR	93	125	1/2	255	259	150	105
10S - 215/05R	93	125	1/2	255	259	150	105
10S - 215/05	93	125	1/2	255	259	150	105

Performance Table

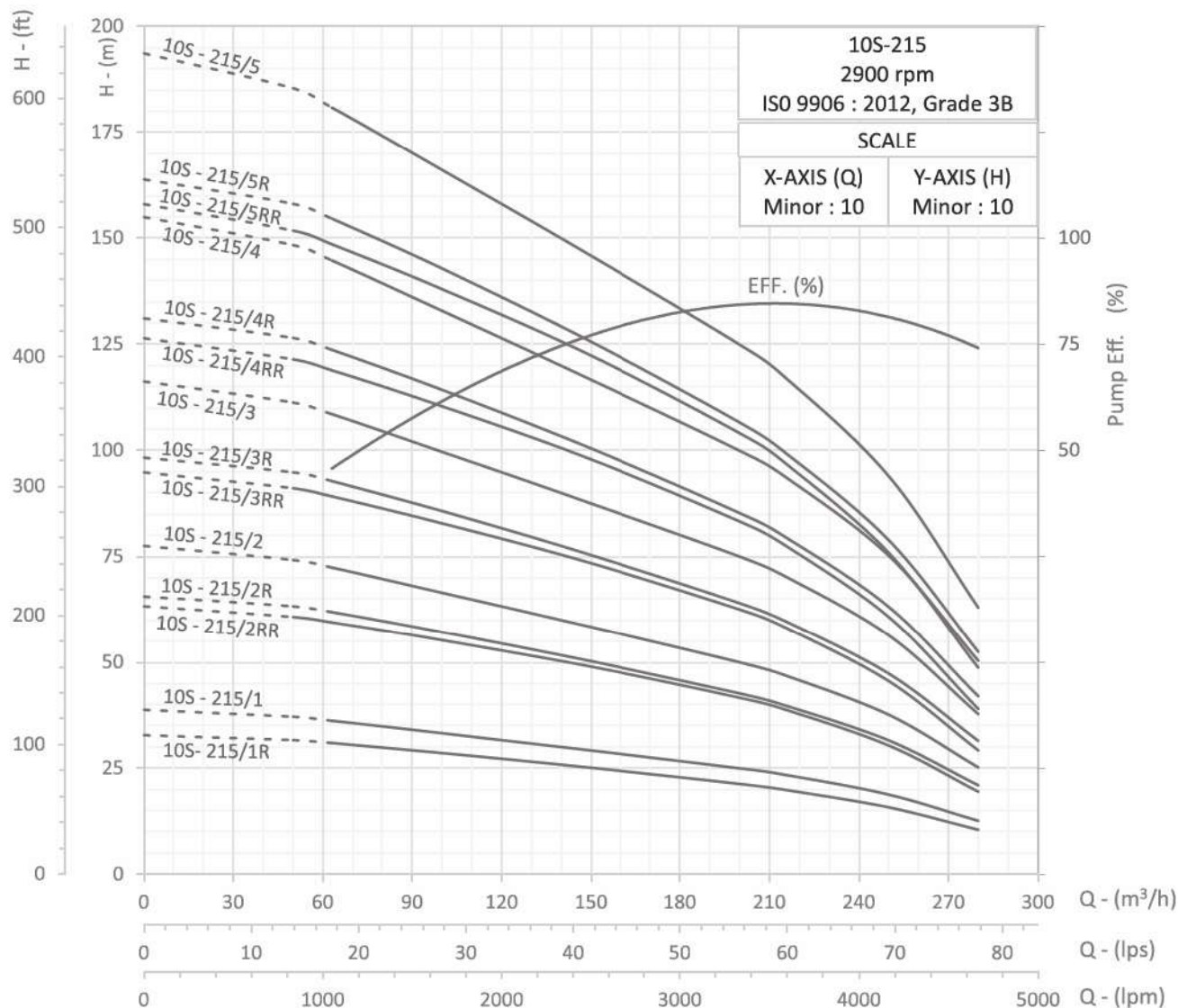
Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m ³ /h	0.0	50.0	63.0	100.0	150.0	200.0	215.0	250.0	280.0
			lps	0.00	13.89	17.50	27.78	41.67	55.56	59.72	69.44	77.78
			lpm	0.00	833.33	1050.00	1666.67	2500.00	3333.33	3583.33	4166.67	4666.67
10S - 215/1R	15	1	Head in Meters	33	32	31	29	25	21	20	16	10
10S - 215/1	19	1		39	37	36	33	29	25	23	19	13
10S - 215/2RR	30	2		63	61	59	55	49	42	39	30	19
10S - 215/2R	37	2		66	63	62	57	50	43	40	32	21
10S - 215/2	45	2		77	74	72	66	58	50	47	38	25
10S - 215/3RR	55	3		95	91	89	83	73	62	58	46	29
10S - 215/3R	55	3		98	95	93	86	75	64	60	47	31
10S - 215/3	63	3		116	111	109	100	87	75	70	56	38
10S - 215/4RR	75	4		126	121	119	110	98	83	78	61	39
10S - 215/4R	75	4		131	126	124	114	100	85	80	63	42
10S - 215/4	75	4		155	148	145	133	117	100	94	75	50
10S - 215/5RR	93	5		158	152	149	138	122	104	97	76	49
10S - 215/5R	93	5		164	158	155	143	126	107	100	79	52
10S - 215/5	93	5		194	185	181	166	146	125	117	94	63

Q (m ³ /h)	0.0	50.0	63.0	100.0	150.0	200.0	215.0	250.0	280.0
P2	13.4160	14.5196	14.7600	15.4821	16.6419	17.7819	18.0193	18.1306	17.4311
P2(hp)	17.984	19.463	19.786	20.754	22.308	23.836	24.155	24.304	23.366
EFF. (%)	0.0	37.7	45.4	62.2	76.7	84.0	84.6	82.0	73.8
NPSH	2.470	3.061	3.268	3.988	5.315	7.165	7.848	9.720	11.688

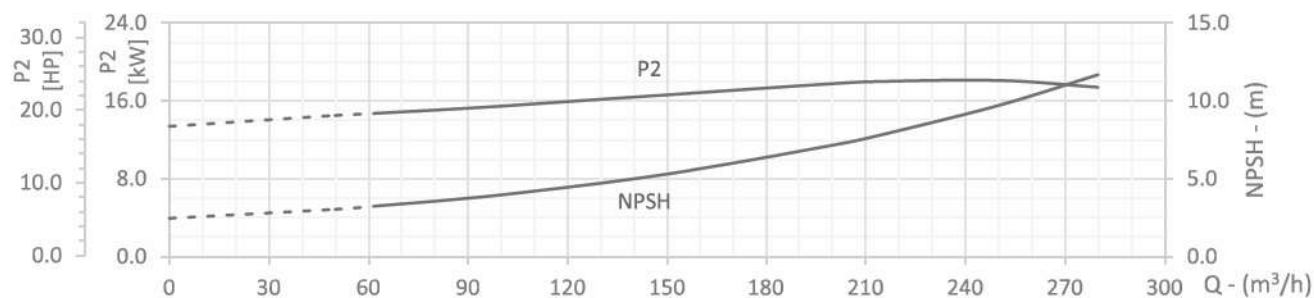
Nominal Flow : 215 m³/h

Flow Range : 63.0 - 280.0 m³/h

Performance Curve



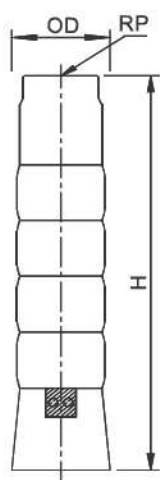
Power Curve



Nominal Dia : 10"

Outlet Size : 6"

Dimensions & Weight Data



PUMP MODEL	POWER		*No. OF CABLE GUARD	DIMENSIONS (mm)			NET WEIGHT (kg)	
	kW	HP		OD*	RP	H		
10S - 215/06RR	110	150	1/2	255	259	150	1674	117
10S - 215/06R	110	150	1/2	255	259	150	1674	117
10S - 215/06	110	150	1/2	255	259	150	1674	117
10S - 215/07RR	130	175	1/2	255	259	150	1850	130
10S - 215/07R	130	175	1/2	255	259	150	1850	130
10S - 215/07	130	175	1/2	255	259	150	1850	130
10S - 215/08RR	150	200	1/2	255	259	150	2026	142
10S - 215/08R	150	200	1/2	255	259	150	2026	142
10S - 215/08	150	200	1/2	255	259	150	2026	142
10S - 215/09RR	170	225	1/2	255	259	150	2202	155
10S - 215/09R	170	225	1/2	255	259	150	2202	155
10S - 215/09	170	225	1/2	255	259	150	2202	155
10S - 215/10RR	187	250	1/2	255	259	150	2378	167
10S - 215/10R	187	250	1/2	255	259	150	2378	167
10S - 215/10	187	250	1/2	255	259	150	2378	167
10S - 215/11	220	300	1/2	282	286	150	2554	180

Performance Table

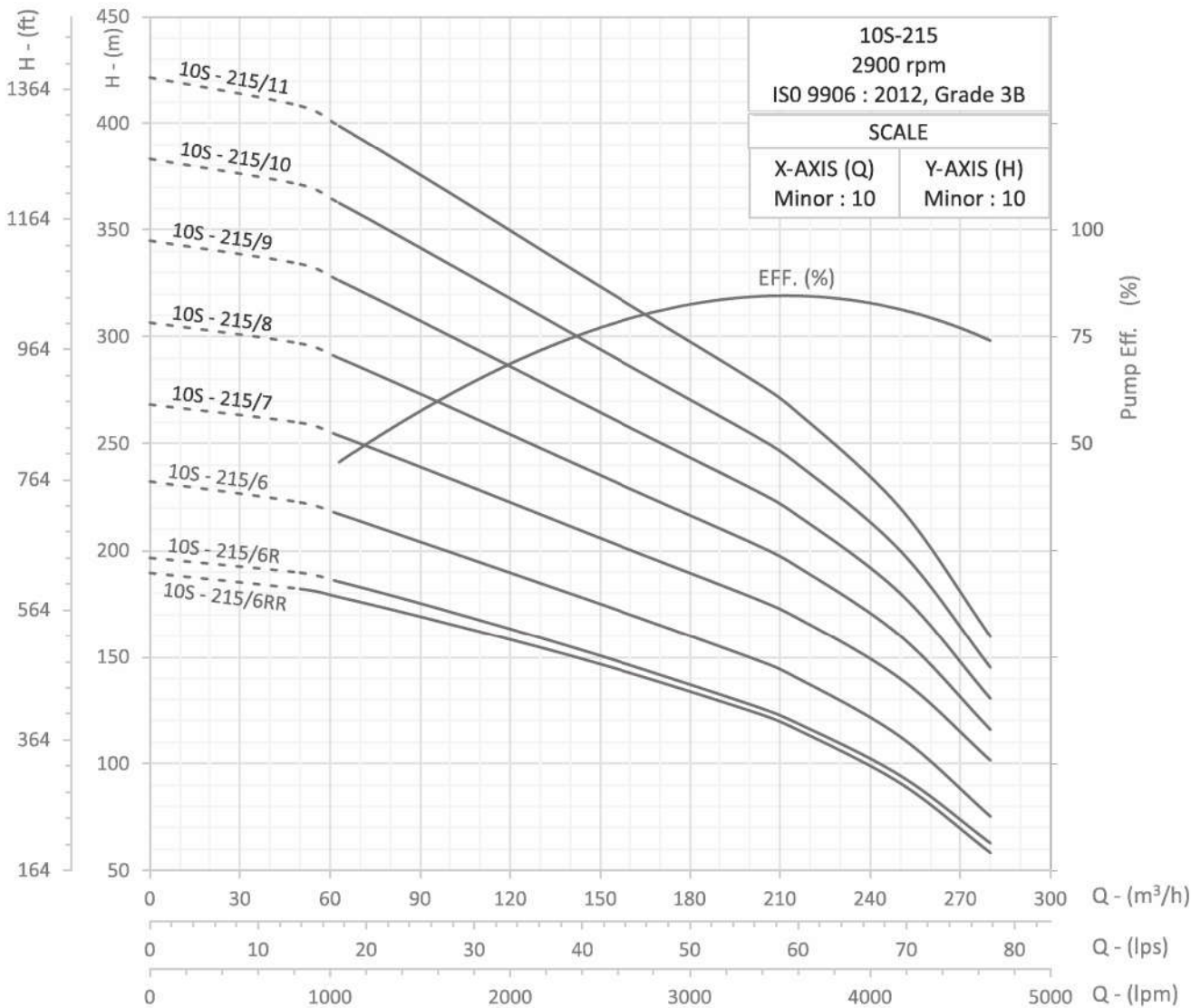
Pump Model	Motor Rating (kW)	No. of Stages	Flow / Discharge									
			m³/h	0.0	50.0	63.0	100.0	150.0	200.0	215.0	250.0	280.0
			lps	0.00	13.89	17.50	27.78	41.67	55.56	59.72	69.44	77.78
			lpm	0.00	833.33	1050.00	1666.67	2500.00	3333.33	3583.33	4166.67	4666.67
10S - 215/6RR	110.0	6.00	Head in Meters	190	182	178	166	147	125	117	91	58
10S - 215/6R	110.0	6.00		197	190	185	171	151	128	120	95	63
10S - 215/6	110.0	6.00		232	222	217	199	175	150	141	113	75
10S - 215/7	130.0	7.00		268	260	254	234	206	178	169	140	102
10S - 215/8	150.0	8.00		307	297	290	267	235	204	193	160	116
10S - 215/9	170.0	9.00		345	334	326	300	265	229	217	180	131
10S - 215/10	187.0	10.00		383	371	363	334	294	255	241	200	145
10S - 215/11	220.0	11		422	408	399	367	323	280	266	220	160

Q (m³/h)	0.0	50.0	63.0	100.0	150.0	200.0	215.0	250.0	280.0
P2	13.4160	14.5196	14.7600	15.4821	16.6419	17.7819	18.0193	18.1306	17.4311
P2(hp)	17.984	19.463	19.786	20.754	22.308	23.836	24.155	24.304	23.366
EFF. (%)	0.0	37.7	45.4	62.2	76.7	84.0	84.6	82.0	73.8
NPSH	2.470	3.061	3.268	3.988	5.315	7.165	7.848	9.720	11.688

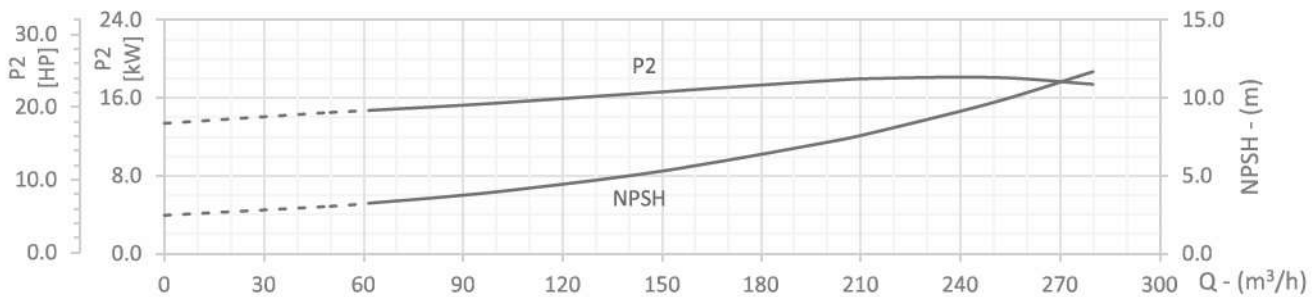
Nominal Flow : 215 m³/h

Flow Range : 63.0 - 280.0 m³/h

Performance Curve



Power Curve





Headquarters :

Samudra Pte Ltd
1 Keong Saik Road,
Unit 10 - The Working Capitol
Singapore 089109



+65 6813 2111



info@samudra.net



India Operations :

Samudra Pumps (India) Pvt Ltd
Registered Office :
1st Floor, Door No.737/2, Sai Aashrya,
Puliyakulam Road, Puliyakulam,
Coimbatore – 641 045, Tamilnadu, India



+91 82200 48894



exports@samudrapumps.com

