

SILVER LINE S E R I E S



Submersible Pumps

SILVER LINE SERIES

C.R.I. Silver line series pumps are designed for pumping liquid from deep wells. These pumps are of multistage centrifugal type supplied with radial or mixed flow engineering thermoplastic impellers and diffusers for higher head and flow requirements. All the metal and non-metal components that come into contact with the liquid are made of stainless steel and food grade engineering thermoplastic. The optimized hydraulic design offers maximum efficiency at deeper installations. Floating impeller design can handle little higher sand than the normal pump and reduce the down thrust load that is transferred to motor. These pumps are offered in P and V type construction suitable for 4" and above diameter borewells. In "P" type construction, suction inter connector and check valve housings are supplied in stainless steel material and "V" type pumps are offered with nylon. All mounting dimensions are in accordance with NEMA standards.

Design Features :

- High efficiency
- Wide hydraulic ranges
- Floating impeller design
- Stainless steel suction inter connector and non-return valve

Applications :

- Ground water supply to residences and commercial buildings
- Agriculture
- Pressure boosting system
- Fountains
- Gardens
- Landscaping
- Livestock watering

SILVER LINE SERIES

Pumped Liquids

Clear, Thin, Non-aggressive, Non explosive, Clear, Cold, Fresh Water without abrasives, Solid particles or fibre having the following characteristics

a)	Temperature	35 °C (max.)
b)	Permissible amount of sand	50 g/m ³ (max.)
c)	Chlorine ion density	500 ppm (max.)
d)	Allowable solids	100 ppm (max.)
e)	Specific gravity	1.004 (max.)
f)	Hardness (Drinking water)	300 (max.)
g)	Kinematic viscosity	1 mm ² /s (1cSt) (max.)
h)	Turbidity	50 ppm silica scale(max.)
i)	pH	6.5 to 8.5

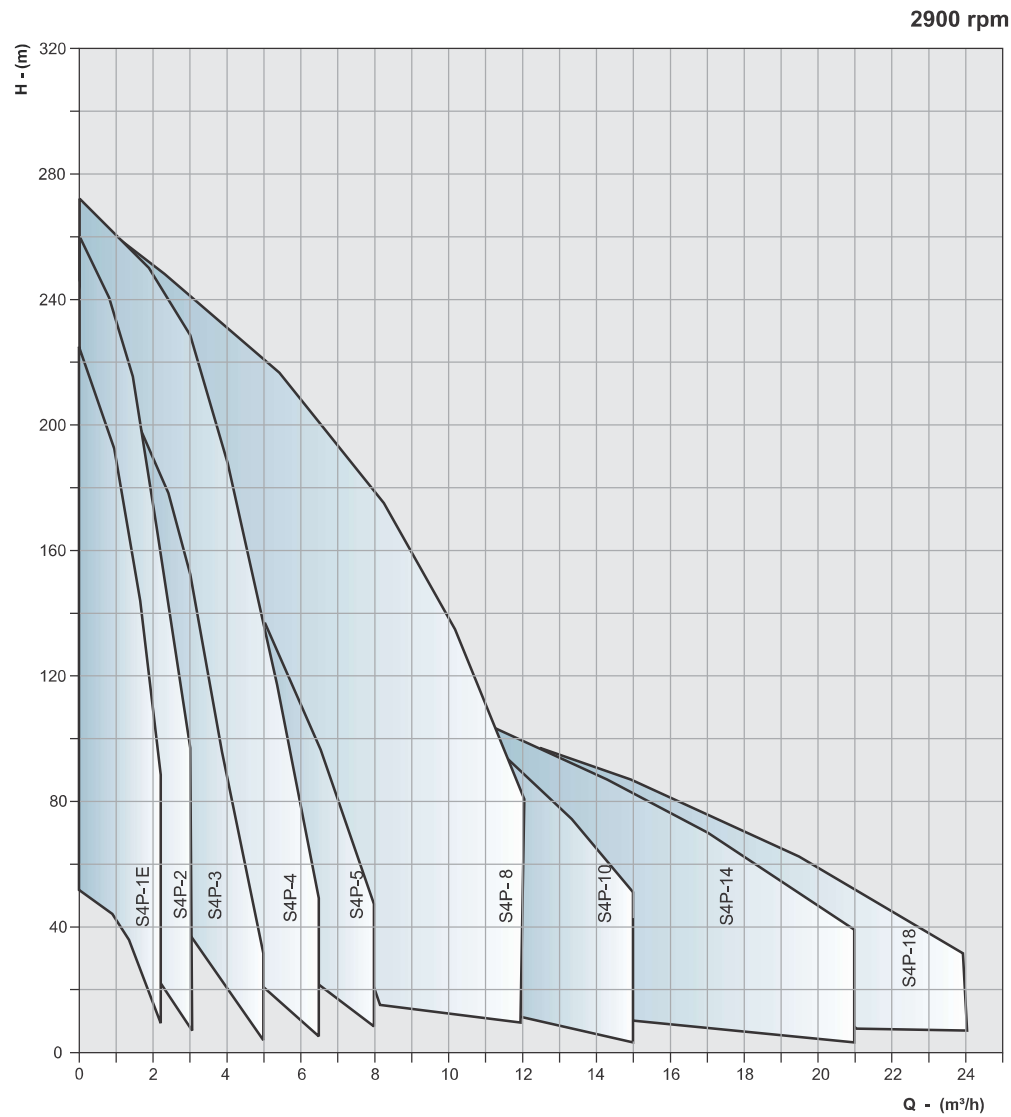
Pump Operating Limitations		
Nominal Diameter		4"(100mm)
Power Range		0.37 - 7.5 kW
Speed		2900 rpm
Discharge Range	m ³ /h	0.75 - 24
	lps	0.20 - 6.66
Total Head Range	m	4.0 - 250
	ft	13.0 - 820
Outlet Size in Inches		1¼, 1½ & 2

Maximum Temperature of Pumped Liquid

Motor	Minimum cooling flow along the motor	Vertical installation	Horizontal installation minimum 30° angle
3" & 4"	0.15 m/s	35°C	35°C

SILVER LINE SERIES

Group Performance Curves - 4" (Floating Impeller Designs)



Performance curve tolerances are as per HI : 14,6 / ISO : 9906, Grade 3B.

In view of continuous developments, the informations / descriptions / specifications / illustrations are subject to change without notice.

SILVER LINE SERIES

Material of Construction

PART NAME	MATERIAL - (S4P)		
	EUROPEAN	DIN	AISI/SAE
Check valve Housing / Suction inter Connector	X5CrNi 18 9	1.4308	ASTM A743 CF8
Check valve	Delrin	Delrin	Delrin
Check valve seat	Standard - NBR (Buna - N)	Standard - NBR (Buna - N)	Standard - NBR (Buna - N)
Outer shell	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Impeller	1E - 5m ³ /h - Delrin 8 - 18m ³ /h - Noryl	1E - 5m ³ /h - Delrin 8 - 18m ³ /h - Noryl	1E - 5m ³ /h - Delrin 8 - 18m ³ /h - Noryl
Diffuser chamber	14m ³ /h - Poly Carbonate Other Models - Noryl	14m ³ /h - Poly Carbonate Other Models - Noryl	14m ³ /h - Poly Carbonate Other Models - Noryl
Intermediate Bearing (sleeve / bush)	1E - 5m ³ /h (upto 1.5kW) - X12Cr13 / Standard - NBR (Buna - N) 1E - 5m ³ /h (Above 2.2kW) - X5CrNi 18 10 / Standard - NBR (Buna - N) 8 - 18m ³ /h - X5CrNi 18 10 / Standard - NBR (Buna - N)	1E - 5m ³ /h (upto 1.5kW) - 1.4006 / Standard - NBR (Buna - N) 1E - 5m ³ /h (Above 2.2kW) - 1.4301 / Standard - NBR (Buna - N) 8 - 18m ³ /h - 1.4301 / Standard - NBR (Buna - N)	1E - 5m ³ /h (upto 1.5kW) - ASTM A276 AISI 410 1E - 5m ³ /h (Above 2.2kW) - ASTM A276 AISI 304 8 - 18m ³ /h - ASTM A276 AISI 304
Inlet screen	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Pump shaft	1E - 5m ³ /h (upto 1.5kW) - X12Cr13 1E - 5m ³ /h (Above 2.2kW) - X5CrNi 18 10 8 - 18m ³ /h - X5CrNi 18 10	1E - 5m ³ /h (upto 1.5kW) - 1.4006 1E - 5m ³ /h (Above 2.2kW) - 1.4301 8 - 18m ³ /h - 1.4301	1E - 5m ³ /h (upto 1.5kW) - ASTM A276 AISI 410 1E - 5m ³ /h (Above 2.2kW) - ASTM A276 AISI 304 8 - 18m ³ /h - ASTM A276 AISI 304
Coupling	1E - 5m ³ /h (upto 1.5kW) - X12Cr13 1E - 5m ³ /h (Above 2.2kW) - X5CrNi 18 10 8 - 18m ³ /h - X5CrNi 18 10	1E - 5m ³ /h (upto 1.5kW) - 1.4006 1E - 5m ³ /h (Above 2.2kW) - 1.4301 8 - 18m ³ /h - 1.4301	1E - 5m ³ /h (upto 1.5kW) - ASTM A276 AISI 410 1E - 5m ³ /h (Above 2.2kW) - ASTM A276 AISI 304 8 - 18m ³ /h - ASTM A276 AISI 304
Spline	1E - 5m ³ /h (upto 1.5kW) - NA 1E - 5m ³ /h (Above 2.2kW) - X3CrNiMo 27 5 8 - 18m ³ /h - X3CrNiMo 27 5	1E - 5m ³ /h (upto 1.5kW) - NA 1E - 5m ³ /h (Above 2.2kW) - 1.4460 8 - 18m ³ /h - 1.4460	1E - 5m ³ /h (upto 1.5kW) - NA 1E - 5m ³ /h (Above 2.2kW) - ASTM A276 AISI 329 8 - 18m ³ /h - ASTM A789 AISI 329
Cable guard	X5CrNi 18 9	1.4301	ASTM A240 AISI 304

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SILVER LINE SERIES

Material of Construction

PART NAME	MATERIAL - (S4V) - 1E to 5m³/h & upto 1.5 kW		
	EUROPEAN	DIN	AISI / SAE
Check valve Housing / Suction inter Connector	Nylon-6 (Polyamide)	Nylon-6 (Polyamide)	Nylon-6 (Polyamide)
Check valve	Delrin	Delrin	Delrin
Check valve seat	Standard - NBR (Buna - N)	Standard - NBR (Buna - N)	Standard - NBR (Buna - N)
Outer shell	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Impeller	1E - 5m³/h - Delrin	1E - 5m³/h - Delrin	1E - 5m³/h - Delrin
Diffuser chamber	Noryl	Noryl	Noryl
Intermediate Bearing (Sleeve / Bush)	1E - 5m³/h - X12Cr13 / Standard - NBR (Buna - N)	1E - 5m³/h - 1.4006 / Standard - NBR (Buna - N)	Standard - NBR (Buna - N)
Inlet screen	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Pump shaft	1E - 5m³/h - X12Cr13	1E - 5m³/h - 1.4006	1E - 5m³/h - ASTM A276 AISI 410
Coupling	1E - 5m³/h - X12Cr13	1E - 5m³/h - 1.4006	1E - 5m³/h - ASTM A276 AISI 410
Spline	1E - 5m³/h - NA	1E - 5m³/h - NA	1E - 5m³/h - NA
Locking Strap	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Cable guard	X5CrNi 18 9	1.4301	ASTM A240 AISI 304

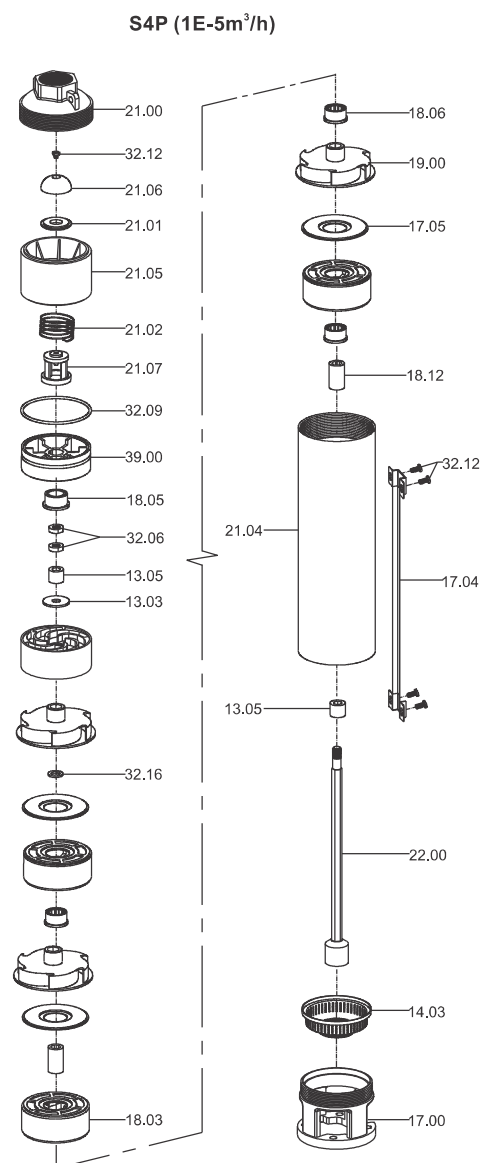
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SILVER LINE SERIES

Exploded View



Part No.	Part Name
13.03	Upthrust Washer / Stop Ring
13.05	Sleeve
14.03	Inlet Screen
17.00	Suction Inter-Connector
17.04	Cable Guard
17.05	Diffuser Plate
18.03	Diffuser Chamber
18.05	Bush - CT Pad

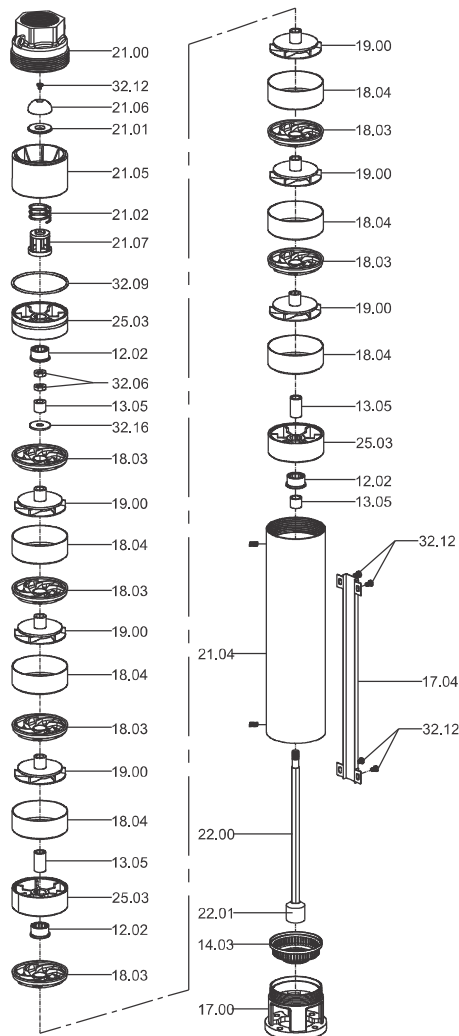
Part No.	Part Name
18.06	Bush-Diffuser Chamber
18.12	Spacer Sleeve
19.00	Impeller
21.00	Check Valve Housing
21.01	Check Valve Seat
21.02	Check Valve Spring
21.04	Outer Shell
21.05	Check Valve Bracket

Part No.	Part Name
21.06	Check Valve Disc
21.07	Check valve
22.00	Pump Shaft with Coupling
32.06	Lock Nut
32.09	O-Ring
32.12	Screw
32.16	Washer
39.00	Chamber-Bracket

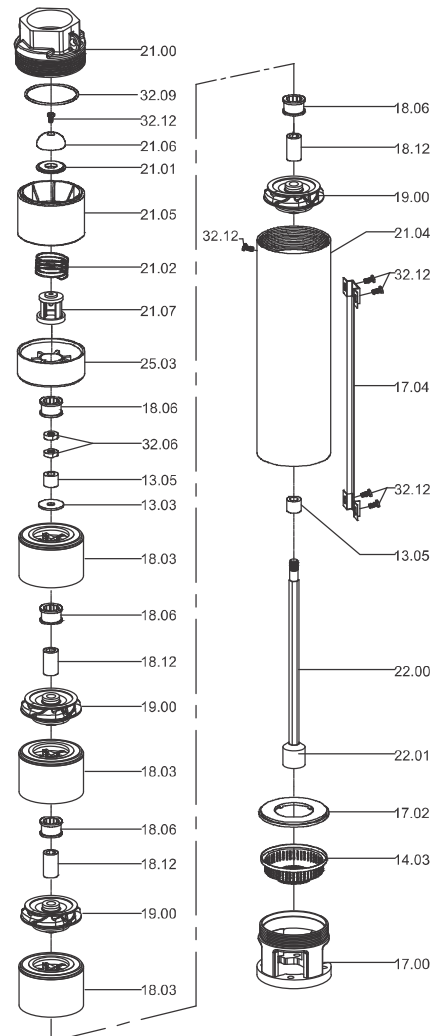
SILVER LINE SERIES

Exploded View

S4P - 8m³/h



S4P - 10m³/h

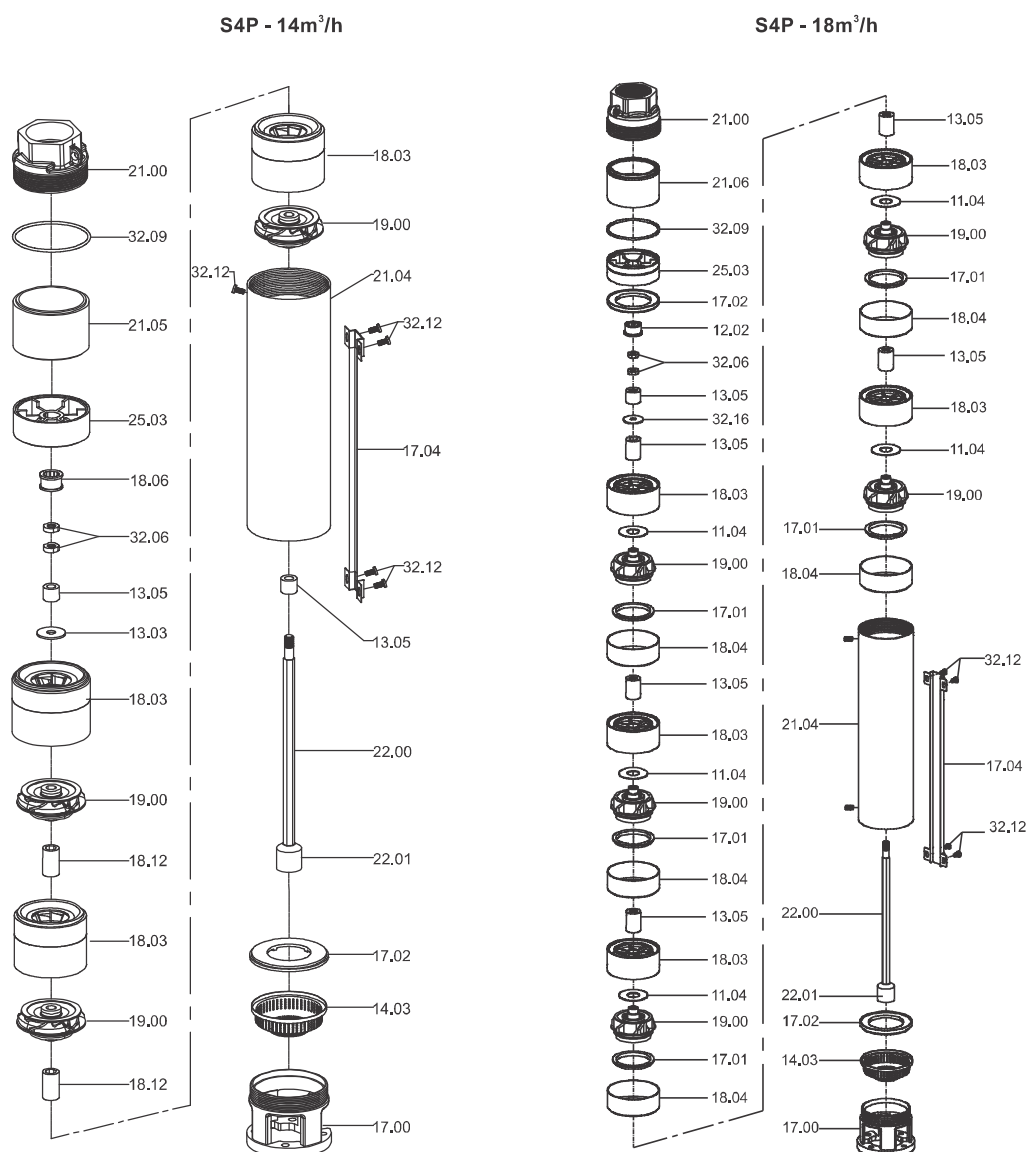


Part No.	Description	Part No.	Description	Part No.	Description
12.02	Bush-LTB	19.00	Impeller	21.07	Valve
13.05	Sleeve	21.00	Valve Housing	22.00	Pump Shaft
14.03	Strainer	21.01	Valve Seat	22.01	Coupling
17.00	Suction Inter Connector	21.02	Valve Spring	25.03	Bracket
17.04	Cable Guard	21.04	Pump Shell	32.06	Lock Nut
18.03	Diffuser	21.05	Valve Bracket	32.09	O-Ring
18.04	Chamber Cover	21.06	Valve Disc	32.12	Screw
				32.16	Washer

Part No.	Description	Part No.	Description	Part No.	Description
13.03	Up Thrust Washer	18.03	Diffuser	21.06	Valve Disc
13.05	Sleeve	18.06	Bush-Rubber	21.07	Suction valve
14.03	Strainer	18.12	Spacer	22.00	Pump Shaft
17.00	Suction Inter Connector	19.00	Impeller	22.01	Coupling
17.02	Suction inter Connector plate	21.00	Valve Housing	25.03	Bracket
17.04	Cable Guard	21.01	Valve Seat	32.06	Lock Nut
		21.02	Valve Spring	32.12	Screw
		21.04	Pump Shell	32.09	O Ring
		21.05	Valve Bracket		

SILVER LINE SERIES

Exploded View



S4P-14 & 18 models are not equipped with internal check valve, so external check valve must be fitted to the pump outlet to avoid back spin and water hammer effect.

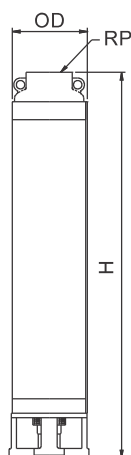
Part No.	Description
12.02	Bush-LTB
13.03	Up Thrust Washer
13.05	Sleeve
14.03	Strainer
17.00	Suction Inter Connector
17.04	Cable Guard
11.04	Thrust Pad
18.03	Diffuser
17.01	Wearing Ring

Part No.	Description
18.12	Spacer
19.00	Impeller
21.00	Valve Housing
21.01	Valve Seat
21.02	Valve Spring
21.04	Pump Shell
21.05	Valve Bracket
21.06	Valve Disc
18.04	Chamber Cover

Part No.	Description
21.07	Valve
22.00	Pump Shaft
22.01	Coupling
25.03	Bracket
32.06	Lock Nut
32.09	O-Ring
32.12	Screw
32.16	Washer
17.02	Suction Inter Connector Plate

SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4**Nominal Flow : **1.5m³/h**Outlet Size : **1 1/4"**

Dimensions & Weight Data

PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-1E/08	0.37	0.5	98	32	414	3
S4P-1E/13	0.55	0.75	98	32	524	4
S4P-1E/17	0.75	1	98	32	654	5
S4P-1E/18	0.75	1	98	32	679	5
S4P-1E/25	1.1	1.5	98	32	860	9
S4P-1E/26	1.1	1.5	98	32	882	9
S4P-1E/33	1.5	2	98	32	1036	12
S4P-1E/34	1.5	2	98	32	1058	12

Performance Table

PUMP MODEL	POWER (kW)	HEAD (m)	lps	0	0.20	0.27	0.34	0.41	0.48	0.55
			m ³ /h	0	0.75	1.0	1.25	1.50	1.75	2.0
S4P-1E/08	0.37			54	46	42	38	32	24	15
S4P-1E/13	0.55			89	78	75	70	61	50	38
S4P-1E/17	0.75			116	101	94	84	73	59	43
S4P-1E/18	0.75			122	111	102	93	81	67	49
S4P-1E/25	1.1			166	148	135	118	101	81	59
S4P-1E/26	1.1			177	156	143	127	109	89	68
S4P-1E/33	1.5			220	199	179	160	136	112	88
S4P-1E/34	1.5			226	202	188	172	149	124	98

SILVER LINE SERIES

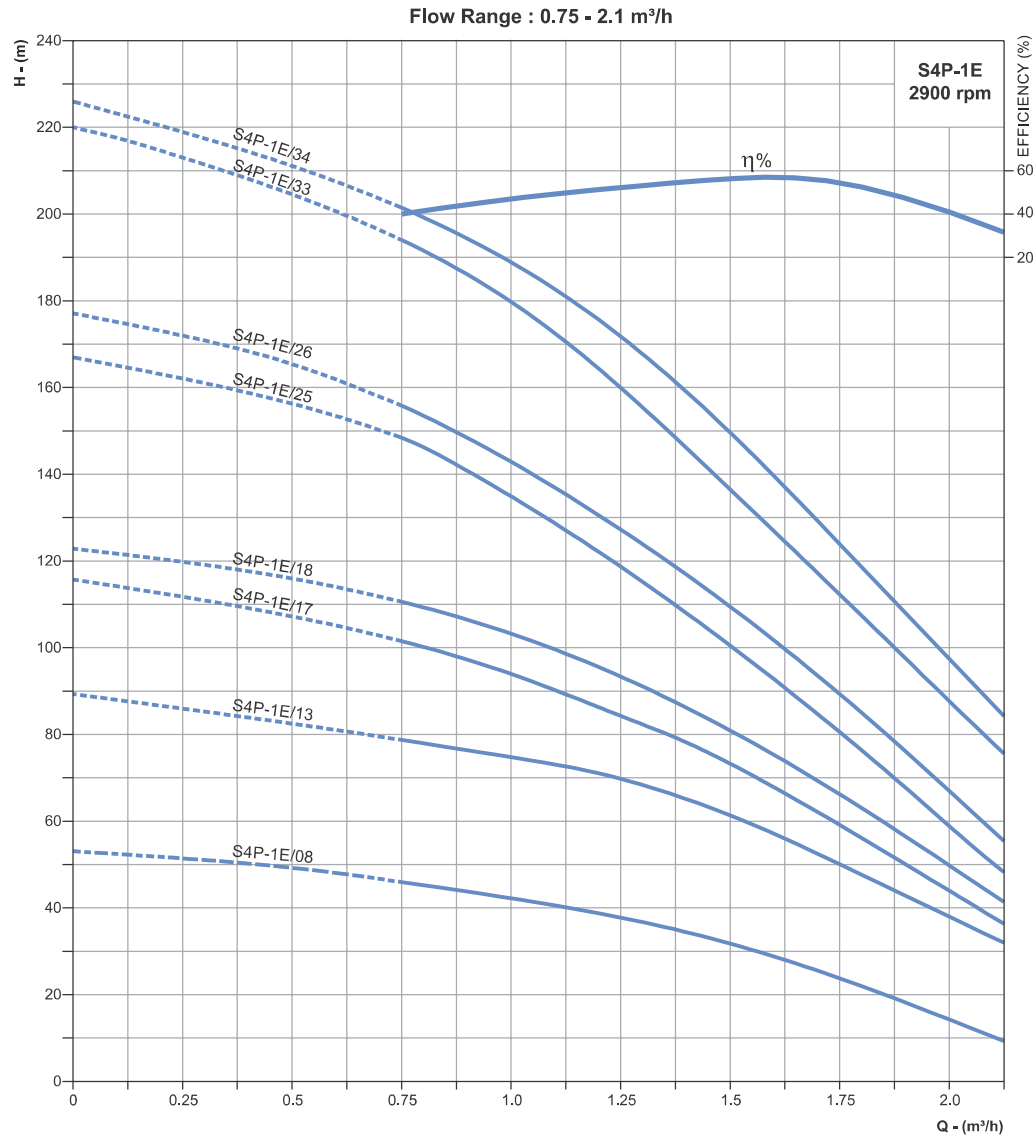
FLOATING IMPELLER MODEL

Nominal Diameter : **4"**

Nominal Flow : **1.5m³/h**

Outlet Size : **1 1/4"**

Performance Curves

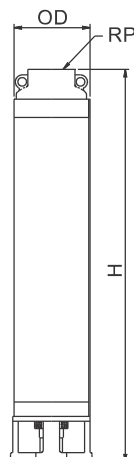


Performance curve tolerances are as per HI : 14.6 / ISO : 9906, Grade 3B.

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SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4"**Nominal Flow : **2m³/h**Outlet Size : **1 1/4"**

Dimensions & Weight Data

PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-2/05	0.37	0.5	98	32	354	3
S4P-2/07	0.55	0.75	98	32	400	3
S4P-2/11	0.75	1	98	32	493	4
S4P-2/16	1.1	1.5	98	32	651	7
S4P-2/22	1.5	2	98	32	790	8
S4P-2/30	2.2	3	98	32	1006	11

Performance Table

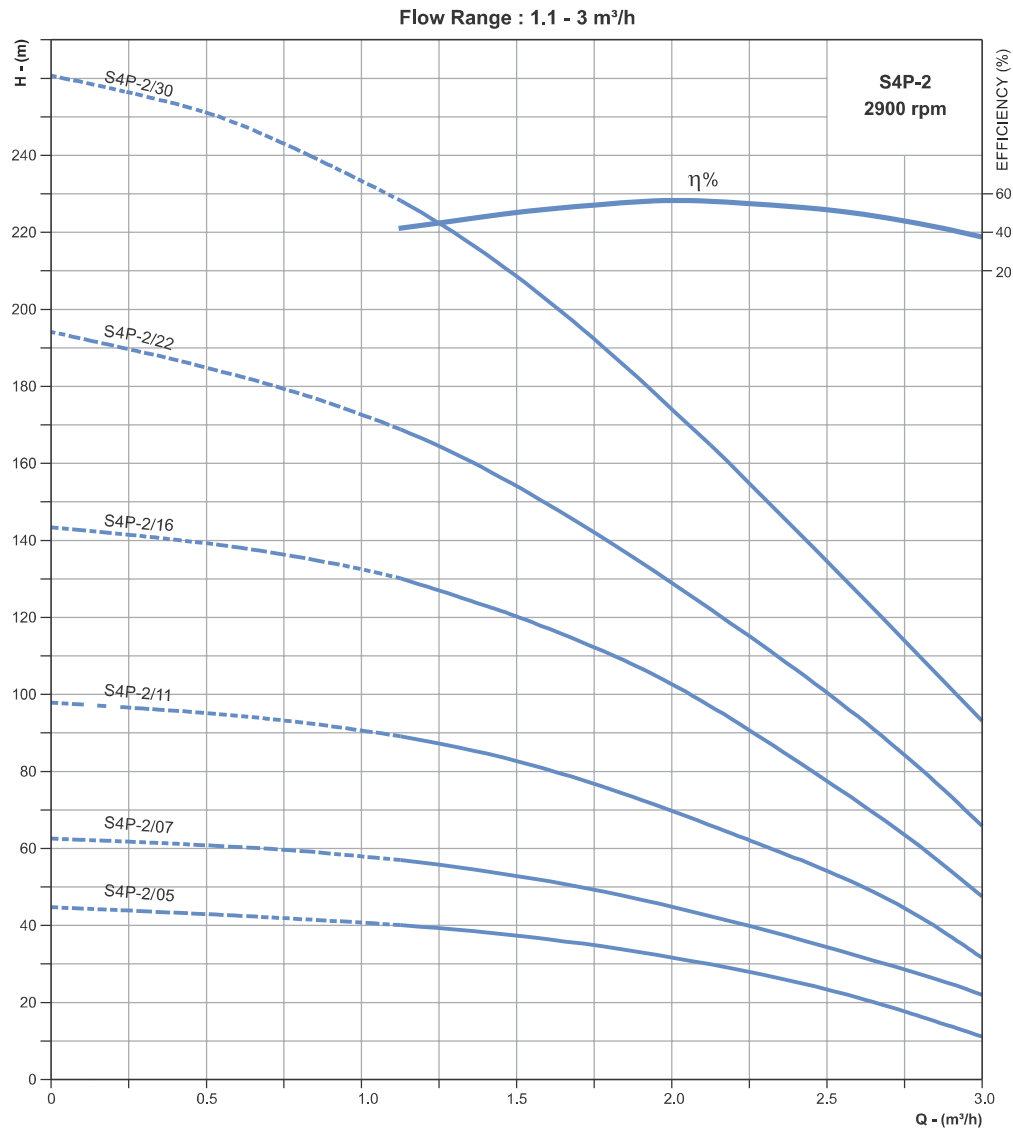
PUMP MODEL	POWER (kW)	lps	0	0.27	0.41	0.55	0.69	0.83
		m ³ /h	0	1.0	1.5	2.0	2.5	3.0
S4P-2/05	0.37	HEAD (m)	44	40	38	31	25	13
S4P-2/07	0.55		62	59	52	45	34	22
S4P-2/11	0.75		98	90	82	70	53	35
S4P-2/16	1.1		143	131	119	100	78	48
S4P-2/22	1.5		194	172	153	129	100	65
S4P-2/30	2.2		260	232	209	172	135	92

SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4"**Nominal Flow : **2m³/h**Outlet Size : **1 1/4"**

Performance Curves



Performance curve tolerances are as per HI : 14.6 / ISO : 9906, Grade 3B.

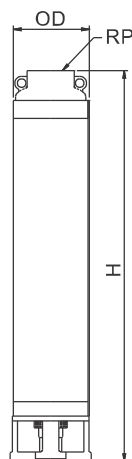
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SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4"**Nominal Flow : **3m³/h**Outlet Size : **1 1/4"**

Dimensions & Weight Data



PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-3/07	0.55	0.75	98	32	426	3
S4P-3/08	0.55	0.75	98	32	453	3
S4P-3/11	0.75	1	98	32	533	4
S4P-3/15	1.1	1.5	98	32	671	5
S4P-3/20	1.5	2	98	32	818	8
S4P-3/21	1.5	2	98	32	844	8
S4P-3/28	2.2	3	98	32	1063	11
S4P-3/30	2.2	3	98	32	1117	12

Performance Table

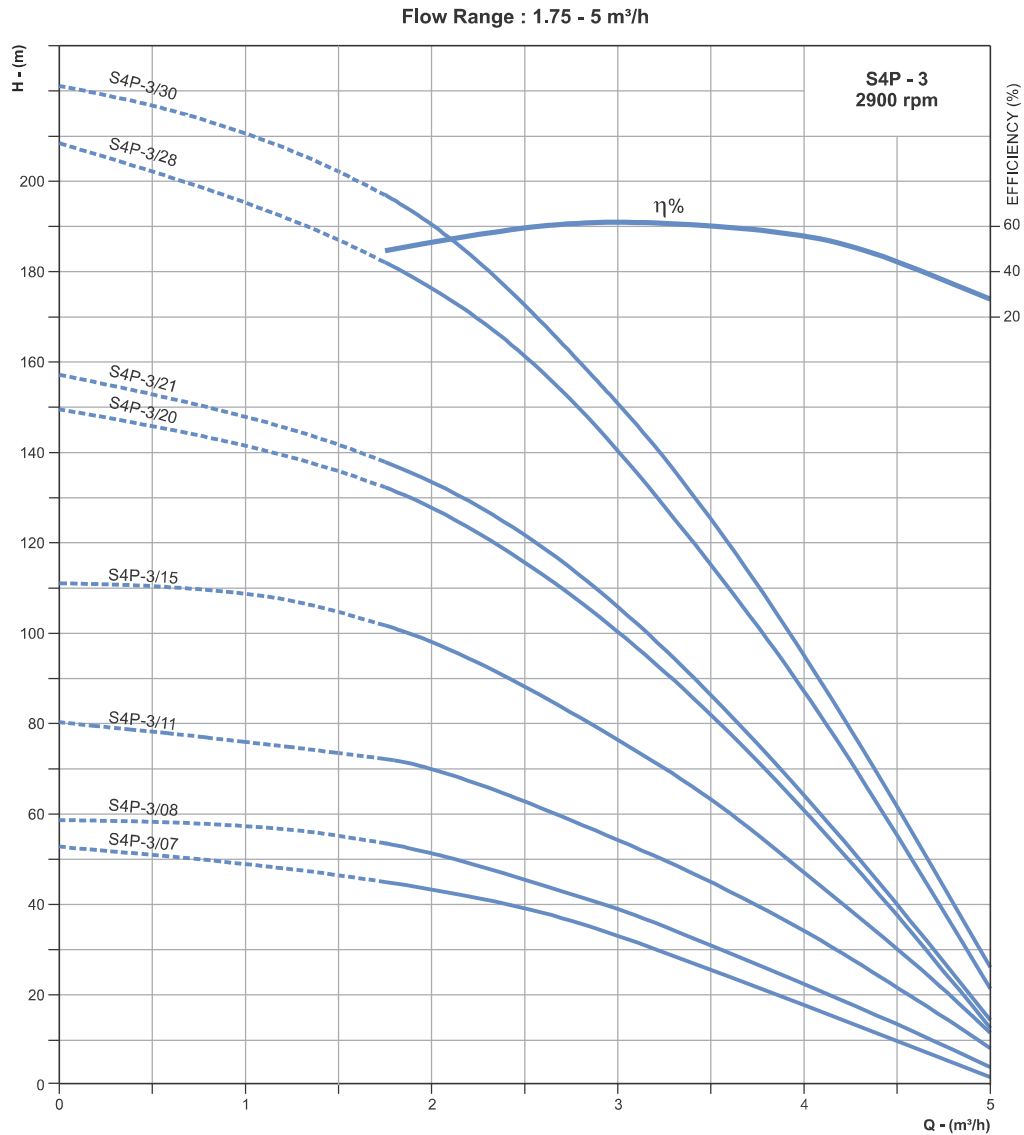
PUMP MODEL	POWER (kW)	lps	0	0.55	0.69	0.83	0.97	1.11	1.25
		m ³ /h	0	2.0	2.5	3.0	3.5	4.0	4.5
S4P-3/07	0.55	HEAD (m)	52	42	38	33	26	18	10
S4P-3/08	0.55		59	52	45	39	31	22	13
S4P-3/11	0.75		80	70	62	54	45	34	22
S4P-3/15	1.1		111	98	88	77	63	48	30
S4P-3/20	1.5		150	128	116	101	82	61	38
S4P-3/21	1.5		157	133	121	107	86	63	40
S4P-3/28	2.2		208	177	161	141	115	88	55
S4P-3/30	2.2		221	190	172	151	125	96	62

SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4"**Nominal Flow : **3m³/h**Outlet Size : **1 1/4"**

Performance Curves

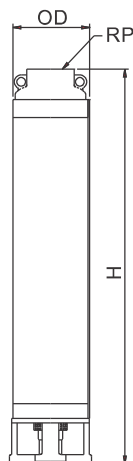


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SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4"**Nominal Flow : **4m³/h**Outlet Size : **1 1/4"**

Dimensions & Weight Data

PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-4/05	0.55	0.75	98	32	383	2
S4P-4/06	0.55	0.75	98	32	412	2
S4P-4/07	0.75	1	98	32	441	3
S4P-4/10	1.1	1.5	98	32	528	4
S4P-4/11	1.1	1.5	98	32	557	4
S4P-4/14	1.5	2	98	32	674	6
S4P-4/15	1.5	2	98	32	703	6
S4P-4/20	2.2	3	98	32	860	8
S4P-4/22	2.2	3	98	32	918	9
S4P-4/27	3	4	98	32	1093	11
S4P-4/35	3.7	5	98	32	1325	14

Performance Table

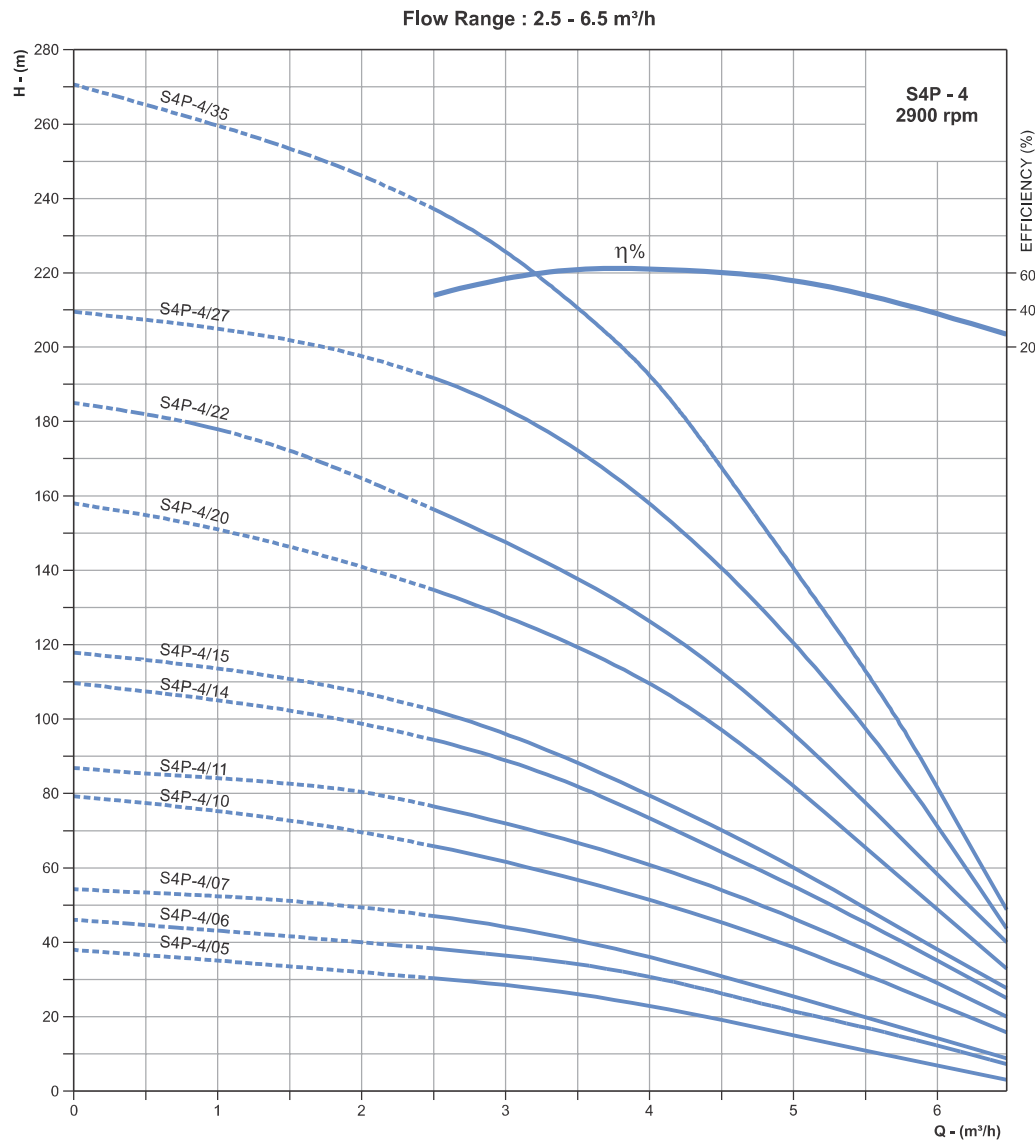
PUMP MODEL	POWER (kW)	lps	0	0.55	0.83	1.11	1.39	1.66	1.80
		m ³ /h	0	2	3	4	5	6	6.5
S4P-4/05	0.55	HEAD (m)	38	32	28	22	15	8	4
S4P-4/06	0.55		46	40	37	31	21	12	8
S4P-4/07	0.75		54	49	44	37	25	14	9
S4P-4/10	1.1		79	69	62	51	39	22	16
S4P-4/11	1.1		86	77	72	61	47	29	20
S4P-4/14	1.5		110	99	89	73	55	35	26
S4P-4/15	1.5		118	108	96	79	60	38	28
S4P-4/20	2.2		158	141	128	110	82	49	34
S4P-4/22	2.2		185	165	148	128	98	58	40
S4P-4/27	3		210	198	183	159	120	71	44
S4P-4/35	3.7		270	248	228	192	140	81	49

SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4"**Nominal Flow : **4m³/h**Outlet Size : **1 1/4"**

Performance Curves

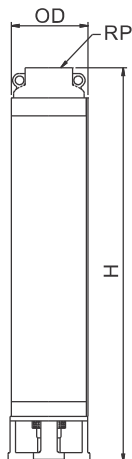


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SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4"**Nominal Flow : **5m³/h**Outlet Size : **1½"**

Dimensions & Weight Data

PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-5/06	0.75	1	98	40	459	3
S4P-5/08	1.1	1.5	98	40	533	3
S4P-5/09	1.1	1.5	98	40	570	4
S4P-5/11	1.5	2	98	40	643	4
S4P-5/12	1.5	2	98	40	680	9
S4P-5/17	2.2	3	98	40	907	7
S4P-5/21	3.0	4	98	40	1054	8
S4P-5/27	3.7	5	98	40	1306	11

Performance Table

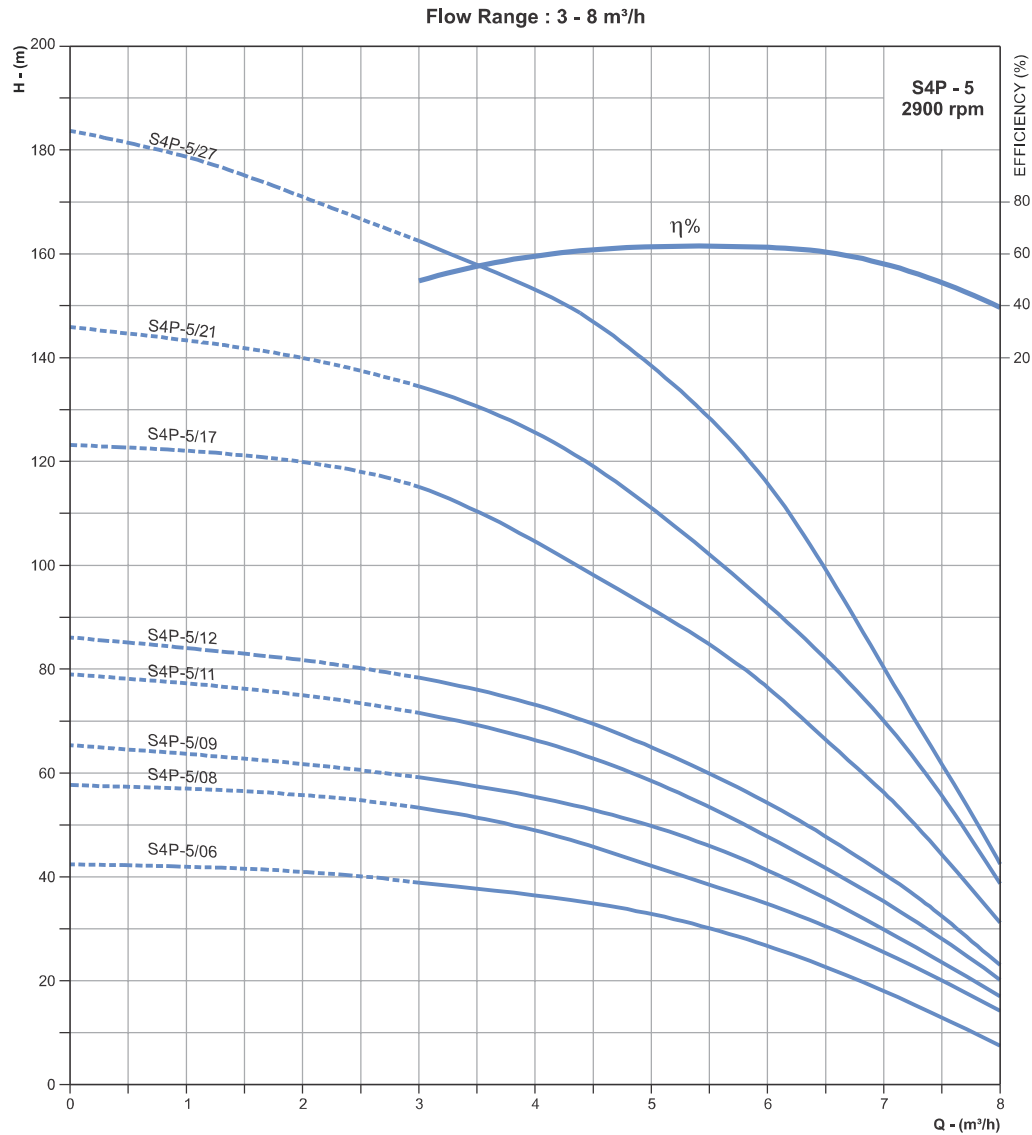
PUMP MODEL	POWER (kW)	lps	0	0.83	1.11	1.39	1.66	1.94	2.22
		m ³ /h	0	3	4	5	6	7	8
S4P-5/06	0.75	HEAD (m)	42	39	37	32	27	18	9
S4P-5/08	1.1		58	53	49	42	34	25	15
S4P-5/09	1.1		65	59	55	50	41	31	17
S4P-5/11	1.5		79	72	67	58	48	35	20
S4P-5/12	1.5		86	78	73	65	55	42	25
S4P-5/17	2.2		123	115	105	91	76	57	31
S4P-5/21	3		145	135	126	111	92	70	39
S4P-5/27	3.7		184	163	158	138	116	80	42

SILVER LINE SERIES

FLOATING IMPELLER MODEL

Nominal Diameter : **4"**Nominal Flow : **5m³/h**Outlet Size : **1½"**

Performance Curves

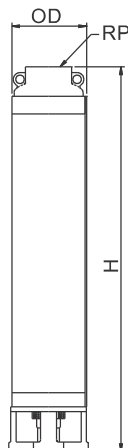


* These Models are available in Type - "V" construction as well.

Performance curve tolerances are as per HI : 14.6 / ISO : 9906, Grade 3B.

In view of continuous developments, the informations / descriptions / specifications / illustrations are subject to change without notice.

SILVER LINE SERIES

Nominal Diameter : **4"**Nominal Flow : **8m³/h**Outlet Size : **2"**

Dimensions & Weight Data

PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-8/04	0.75	1.0	98	50	374	4
S4P-8/06	1.1	1.5	98	50	436	4
S4P-8/08	1.5	2.0	98	50	498	3
S4P-8/13	2.2	3.0	98	50	653	7
S4P-8/17	3.0	4.0	98	50	807	8
S4P-8/23	4.0	5.5	98	50	993	10
S4P-8/32	5.5	7.5	98	50	1302	13
S4P-8/43	7.5	10	98	50	1643	18

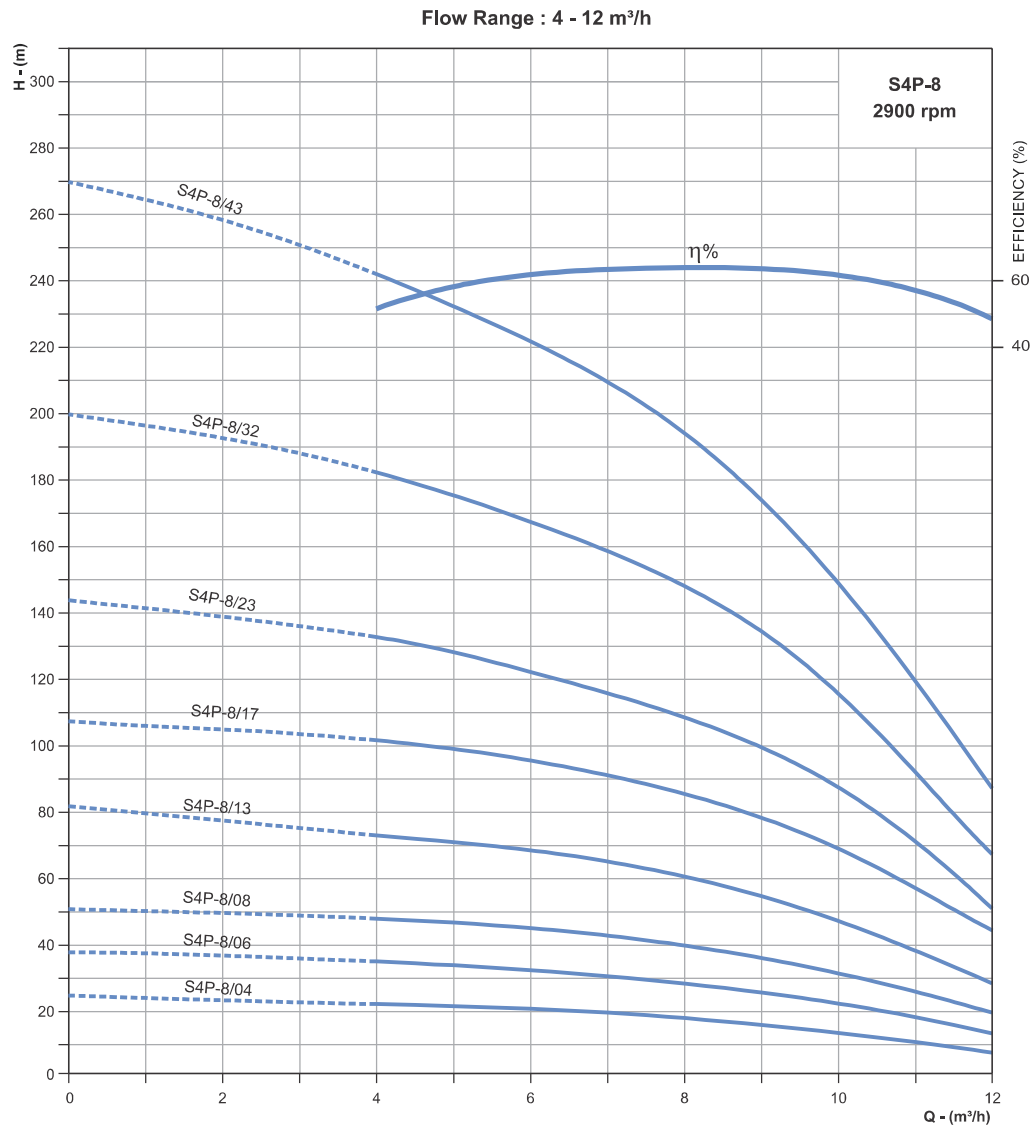
Performance Table

PUMP MODEL	POWER (kW)	lps	0	1.11	1.66	2.22	2.78	3.33
		m ³ /h	0	4	6	8	10	12
S4P-8/04	0.75	HEAD (m)	25	21	20	19	14	8
S4P-8/06	1.1		38	35	32	28	22	13
S4P-8/08	1.5		51	48	45	40	31	20
S4P-8/13	2.2		82	72	69	61	48	29
S4P-8/17	3.0		108	101	96	85	69	43
S4P-8/23	4.0		143	132	122	109	88	52
S4P-8/32	5.5		200	182	168	148	116	68
S4P-8/43	7.5		270	242	221	193	149	88

SILVER LINE SERIES

Nominal Diameter : **4"**Nominal Flow : **8m³/h**Outlet Size : **2"**

Performance Curves



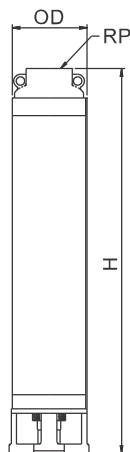
Performance curve tolerances are as per HI : 14.6 / ISO : 9906, Grade 3B.

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SILVER LINE SERIES

Nominal Diameter : **4"**Nominal Flow : **10m³/h**Outlet Size : **2"**

Dimensions & Weight Data



PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-10/03	0.75	1	98	50	448	3
S4P-10/04	0.75	1	98	50	450	3
S4P-10/05	1.1	1.5	98	50	562	4
S4P-10/06	1.1	1.5	98	50	570	5
S4P-10/07	1.5	2	98	50	676	5
S4P-10/08	1.5	2	98	50	690	6
S4P-10/10	2.2	3	98	50	790	8
S4P-10/12	2.2	3	98	50	904	9
S4P-10/15	3	4	98	50	1075	11
S4P-10/17	3	4	98	50	1189	13
S4P-10/20	4	5.5	98	50	1360	15
S4P-10/22	4	5.5	98	50	1474	17
S4P-10/26	5.5	7.5	98	50	1702	20
S4P-10/28	5.5	7.5	98	50	1816	21

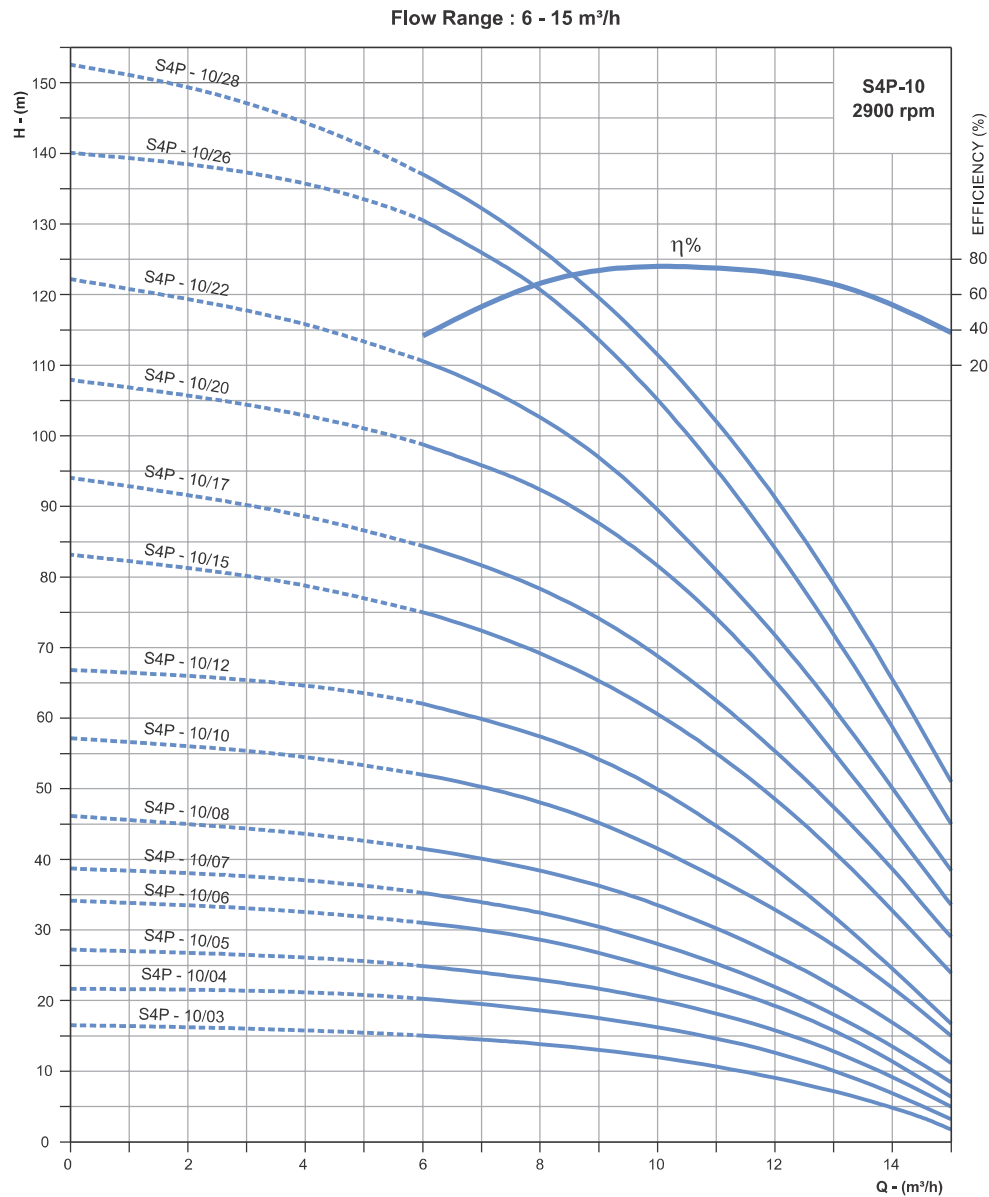
Performance Table

PUMP MODEL	POWER kW	lps	0	1.11	1.66	2.22	2.78	3.33	3.89
		m ³ /h	0	4	6	8	10	12	14
S4P-10/03	0.75	HEAD (m)	17	16	15	14	12	9	5
S4P-10/04	0.75		22	21	20	18	16	13	7
S4P-10/05	1.1		27	26	25	23	20	16	9
S4P-10/06	1.1		34	33	31	28	24	19	12
S4P-10/07	1.5		39	37	35	33	28	22	14
S4P-10/08	1.5		46	43	42	38	33	27	12
S4P-10/10	2.2		57	54	52.5	48	42	33	22
S4P-10/12	2.2		66	64	62.5	57	50	39	25
S4P-10/15	3		83	78	75	69	61	48	33
S4P-10/17	3		94	88	84	78	69	55	39
S4P-10/20	4		107	102	98	92.5	82	65	45
S4P-10/22	4		122	116	111	102.5	90	72	50
S4P-10/26	5.5		140	136	130	122	107	85	59
7S4P-10/28	5.5		153	144	137	127	112	91	65

SILVER LINE SERIES

Nominal Diameter : **4"**Nominal Flow : **10m³/h**Outlet Size : **2"**

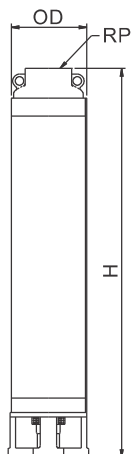
Performance Curves



Performance curve tolerances are as per HI : 14.6 / ISO : 9906, Grade 3B.

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SILVERLINE SERIES

Nominal Diameter : **4"**Nominal Flow : **14m³/h**Outlet Size : **2"**
Dimensions & Weight Data


PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-14/03	0.75	1	98	50	463	3
S4P-14/05	1.1	1.5	98	50	610	4
S4P-14/07	1.5	2	98	50	775	6
S4P-14/10	2.2	3	98	50	1009	9
S4P-14/11	2.2	3	98	50	1087	10
S4P-14/12	3.0	4	98	50	1165	10
S4P-14/13	3.0	4	98	50	1243	11
S4P-14/16	3.7	5	98	50	1477	14
S4P-14/17	3.7	5	98	50	1555	14
S4P-14/22	5.5	7.5	98	50	1945	29
S4P-14/24	5.5	7.5	98	50	2101	33

Performance Table

PUMP MODEL	POWER (kW)	lps	0	2.22	2.78	3.33	3.89	4.44	5.00	5.56
		m ³ /h	0	8	10	12	14	16	18	20
S4P-14/03	0.75	HEAD (m)	17	14	13	12	9	7	-	-
S4P-14/05	1.1		28	24	22	19	16	14	9	6
S4P-14/07	1.5		38	33	30	26	22	18	14	9
S4P-14/10	2.2		59	49	45	40	34	29	22	15
S4P-14/11	2.2		64	59	50	45	39	33	25	17
S4P-14/12	3		69	59	55	48	43	34	27	18
S4P-14/13	3		74	65	58	52	44	36	29	20
S4P-14/16	3.7		89	77	69	62	53	44	34	24
S4P-14/17	3.7		98	85	77	68	59	49	38	27
S4P-14/22	5.5		123	104	93	82	70	57	43	29
S4P-14/24	5.5		134	114	104	92	78	64	49	33

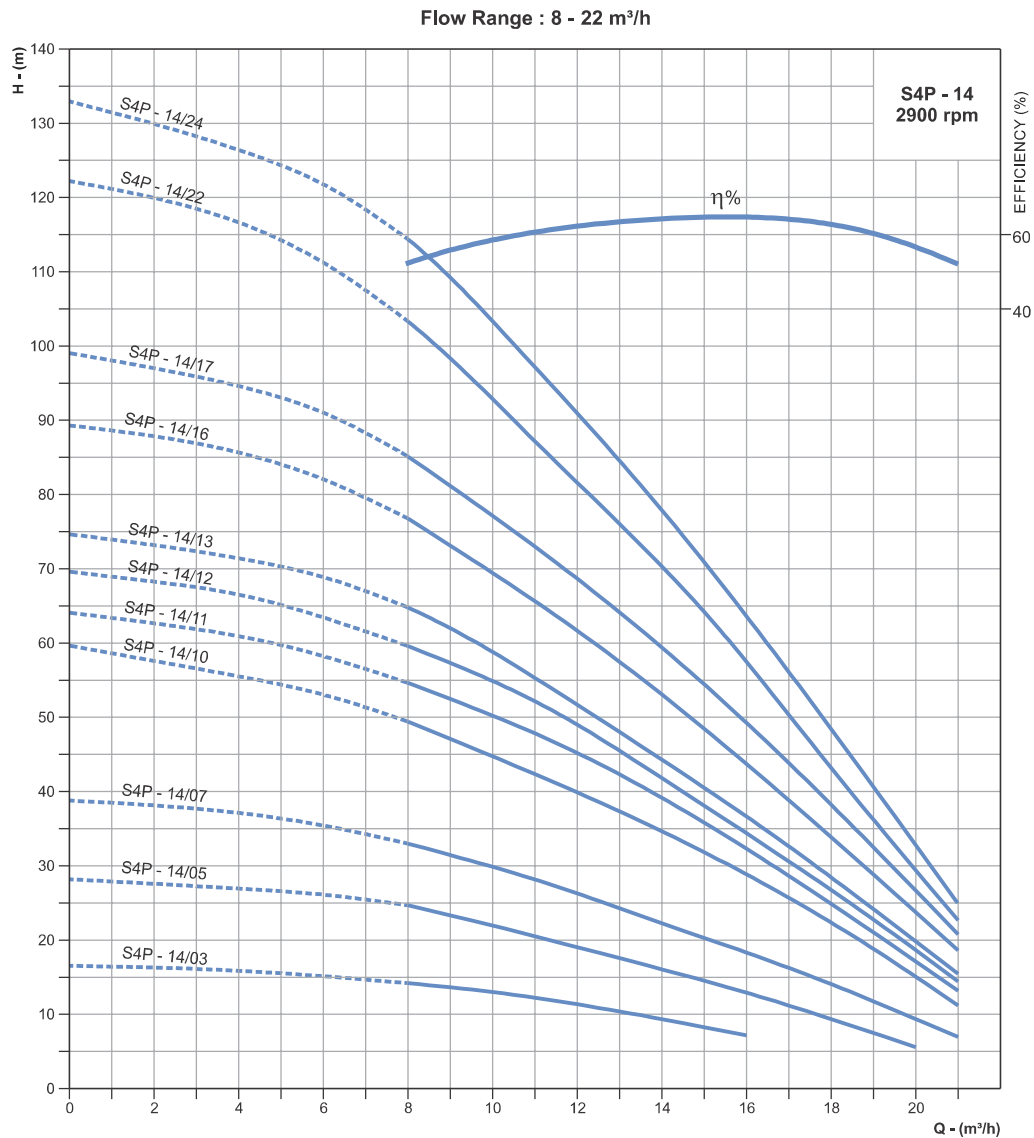
Note: S4P-14 & 18 models are not equipped with check valve, so external check valve must be fitted to the pump outlet to avoid back spin and water hammer effect.

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SILVER LINE SERIES

Nominal Diameter : **4"**Nominal Flow : **14m³/h**Outlet Size : **2"**

Performance Curves

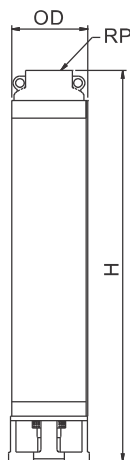


Note: S4P-14 & 18 models are not equipped with check valve, so external check valve must be fitted to the pump outlet to avoid back spin and water hammer effect.

Performance curve tolerances are as per HI : 14.6 / ISO : 9906, Grade 3B.

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SILVERLINE SERIES

Nominal Diameter : **4"**Nominal Flow : **18m³/h**Outlet Size : **2"**

Dimensions & Weight Data

PUMP MODEL	POWER		DIMENSIONS (mm)			NET WEIGHT (kg)
	kW	HP	OD	RP	H	
S4P-18/04	1.1	1.5	98	50	407	4
S4P-18/06	1.5	2.0	98	50	648	5
S4P-18/09	2.2	3.0	98	50	860	7
S4P-18/13	3.7	5.0	98	50	1142	10
S4P-18/14	4.0	5.5	98	50	1213	11
S4P-18/20	5.5	7.5	98	50	1637	16
S4P-18/22	5.5	7.5	98	50	1778	18
S4P-18/26	7.5	10.0	98	50	2060	19
S4P-18/28	7.5	10.0	98	50	2201	22

Performance Table

PUMP MODEL	POWER (kW)	lps	0	2.78	3.33	3.86	4.44	5	5.56	6.11
		m ³ /h	0	10	12	14	16	18	20	22
S4P-18/04	1.1	HEAD (m)	17	14	13	11	10	9	8	6
S4P-18/06	1.5		26	19	18	17	16	14	11	9
S4P-18/09	2.2		38	31	29	27	24	21	17	14
S4P-18/13	3.7		54	45	42	38	34	28	24	20
S4P-18/14	4		58	48	44	41	37	33	27	23
S4P-18/20	5.5		81	68	63	57	52	46	38	30
S4P-18/22	5.5		89	74	71	61	55	48	41	32
S4P-18/26	7.5		106	90	84	76	67	57	47	38
S4P-18/28	7.5		116	97	89	82	73	64	54	43

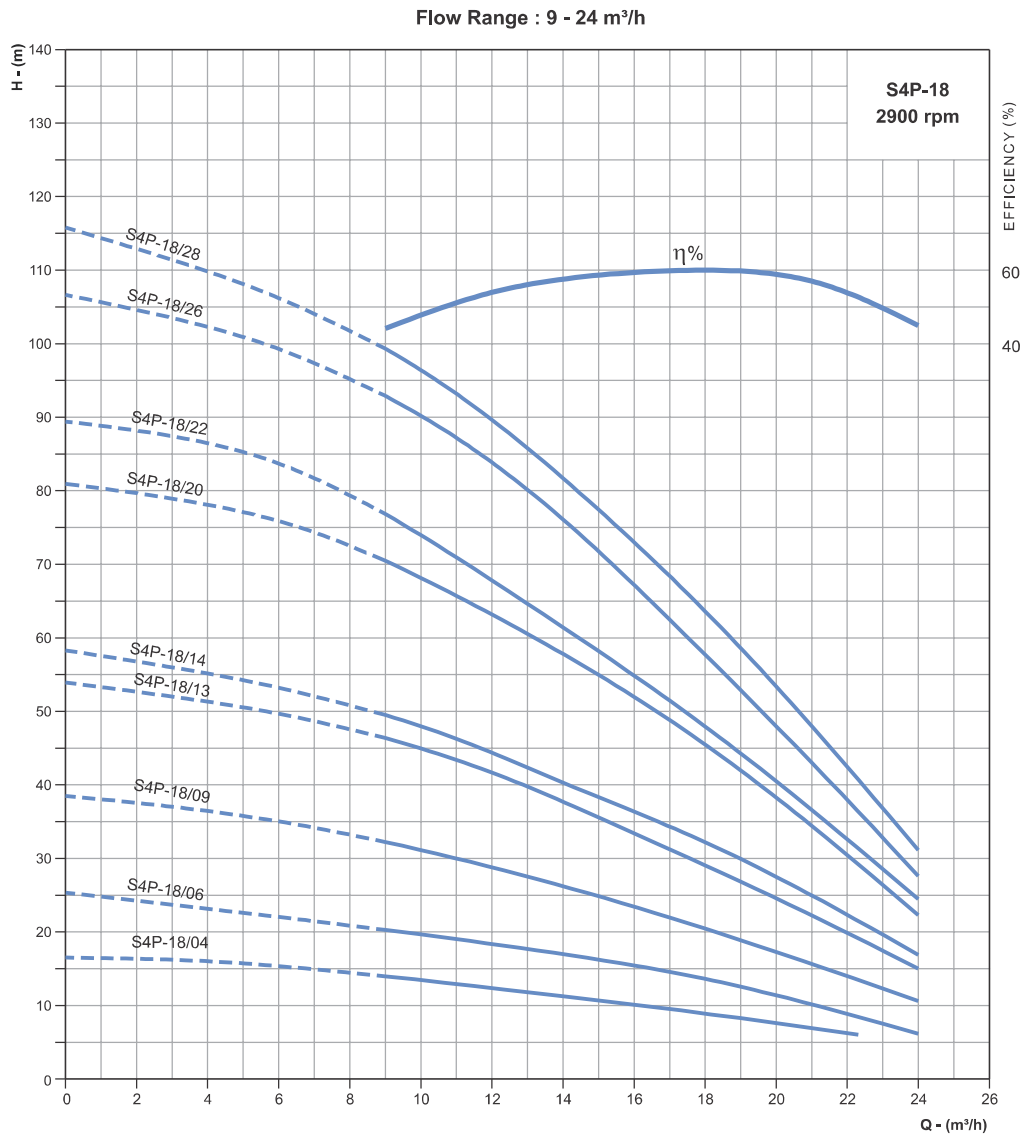
Note: S4P-14 & 18 models are not equipped with check valve, so external check valve must be fitted to the pump outlet to avoid back spin and water hammer effect.

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SILVER LINE SERIES

Nominal Diameter : **4"**Nominal Flow : **18m³/h**Outlet Size : **2"**

Performance Curves



Note: S4P-14 & 18 models are not equipped with check valve, so external check valve must be fitted to the pump outlet to avoid back spin and water hammer effect.

Performance curve tolerances are as per HI : 14.6 / ISO : 9906, Grade 3B.

In view of continuous developments, the informations / descriptions / specifications / illustrations are subject to change without notice.