4SR 4" submersible pumps

Clean water

Domestic use

Civil use

Agricultural use

※ The new 4SR-S series floating impeller pumps, with their advanced hydraulic design and patented innovations, deliver outstanding performance and efficiency. They are exceptionally resistant to sand-related wear, offering a durability 10 times higher than other global market pumps!

※ The new 4SR-S pumps feature a patented inductor that improves priming capabilities in wells with air/water mix or water containing gasses.

PERFORMANCE RANGE

- Flow rate up to **450 l/min** (27 m³/h)
- Head up to **576 m**

INSTALLATION AND USE

They are recommended for pumping clean water. Due to their high efficiency and reliability, they are suitable for **domestic, civil and industrial** applications, for water distribution coupled with autoclaves, for irrigation, for washing systems, for pressure boosting, etc.

※ KEY FEATURES

Low energy consumption and remarkable durability, even in the presence of sand (up to **200 g/m³**), thanks to an innovative patented hydraulics system..

APPLICATION LIMITS

- Liquid temperature up to **+35 °C**
- Maximum sand content:
  - **200 g/m³** for 4SR-S
  - **150 g/m³** for 4SR-N
- Maximum operating depth below water level:
  - **200 m** with 4PD motors
  - **300 m** with 4PS motors
- Operation:
  - in vertical position
  - horizontally with the following limits:
    4SR-S - 1 / 1.5 / 2 / 4 up to **23 stages**
    4SR-S 6 / 8 up to **17 stages**
    4SR-N 10 / 12 / 15 up to **13 stages**
    4SR-N 18 up to **9 stadi**
- Starts per hour: **20** at regular intervals
- Minimum motor cooling flow **8 cm/s**
- Continuous running duty **S1**

INCLUDES

ELECTRIC MOTOR

※ Three-phase 400 V - 50 Hz
※ Single-phase 230 V - 50 Hz
※ **Capacitor included in packaging**
※ Power cable:
  - **2 m** for power ratings from 0.75 to 2.2 kW
  - **3.6 m** for power ratings from 3 to 7.5 kW.

AVAILABLE UPON REQUEST

※ Different voltage requirements 60 Hz frequency
※ Cooling jacket kit

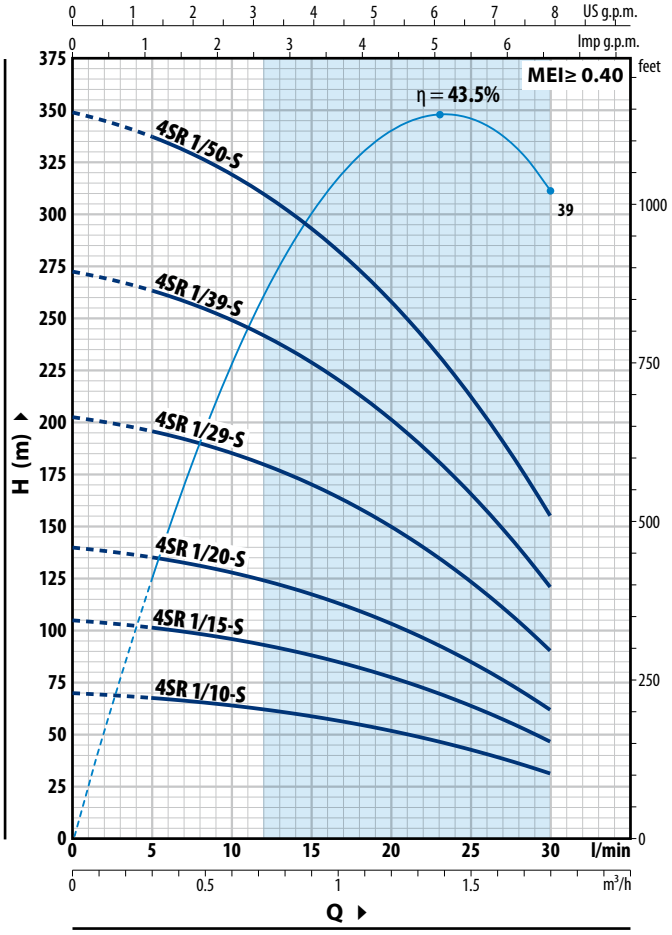
PATENTS:

- European Patent No. EP3123031
- European Patent No. EP2419642 for 4SR-S
- Patent No. 10202100003057 for 4SR-S
- **4SR-S®** is a registered trademark No. 018702382
- **SABBIA®** is registered trademark no. 5456231

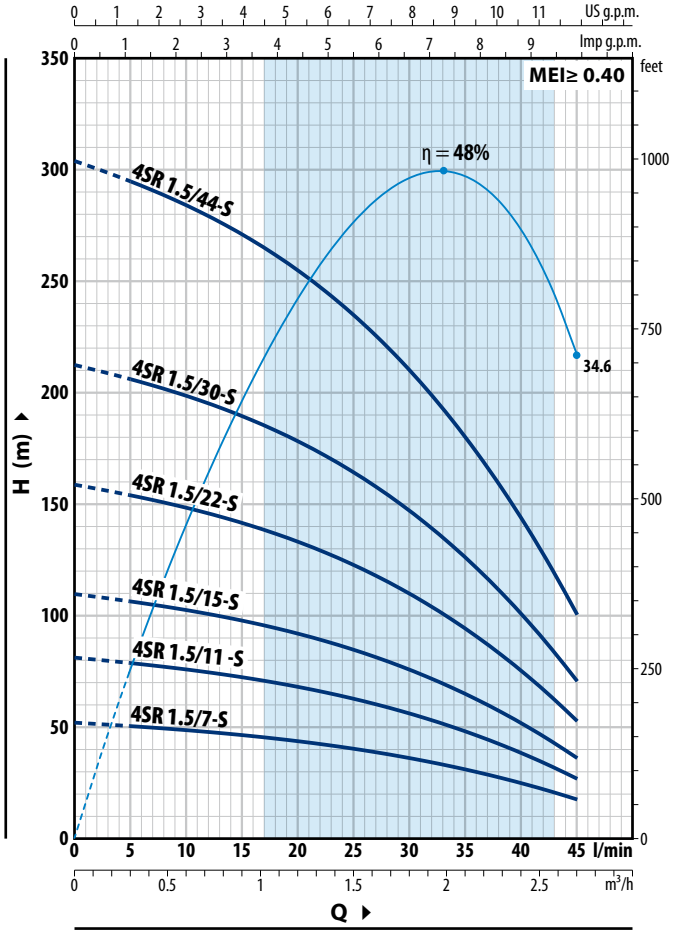
CURVES AND PERFORMANCE DATA

50 Hz

4SR 1-S



4SR 1.5-S



4SR 1-S

TYPE		POWER (P2)		Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8
Single-phase	**Three-phase**	**kW**	**HP**		l/min	**0**	**5**	**10**	**15**	**20**	**25**	**30**
4SRm 1/10 - S	**4SR 1/10 - S**	0.37	0.50	**H**	metres	70	67.5	64	58.5	51.5	42.5	31
4SRm 1/15 - S	**4SR 1/15 - S**	0.55	0.75			105	101	96	88	78	64	46.5
4SRm 1/20 - S	**4SR 1/20 - S**	0.75	1			140	135	128	117	103	85	62
4SRm 1/29 - S	**4SR 1/29 - S**	1.1	1.5			203	196	185	170	150	123	90
4SRm 1/39 - S	**4SR 1/39 - S**	1.5	2			273	264	249	229	202	166	121
4SRm 1/50 - S	**4SR 1/50 - S**	2.2	3			350	338	320	294	258	213	155

4SR 1.5-S

TYPE		POWER (P2)		Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
Single-phase	**Three-phase**	**kW**	**HP**		l/min	**0**	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**
4SRm 1.5/7 - S	**4SR 1.5/7 - S**	0.37	0.50	**H**	metres	51.5	50	48.5	46	43.5	40	36	30.5	24.5	17
4SRm 1.5/11 - S	**4SR 1.5/11 - S**	0.55	0.75			81	78	75	72	67.5	62.5	55.5	48	38	26.5
4SRm 1.5/15 - S	**4SR 1.5/15 - S**	0.75	1			109	106	102	97	92	84	76	64.5	51.5	36
4SRm 1.5/22 - S	**4SR 1.5/22 - S**	1.1	1.5			158	154	148	141	133	122	109	94	75	52.5
4SRm 1.5/30 - S	**4SR 1.5/30 - S**	1.5	2			213	206	199	190	178	164	147	126	100	70
4SRm 1.5/44 - S	**4SR 1.5/44 - S**	2.2	3			304	295	284	271	255	235	210	180	144	100

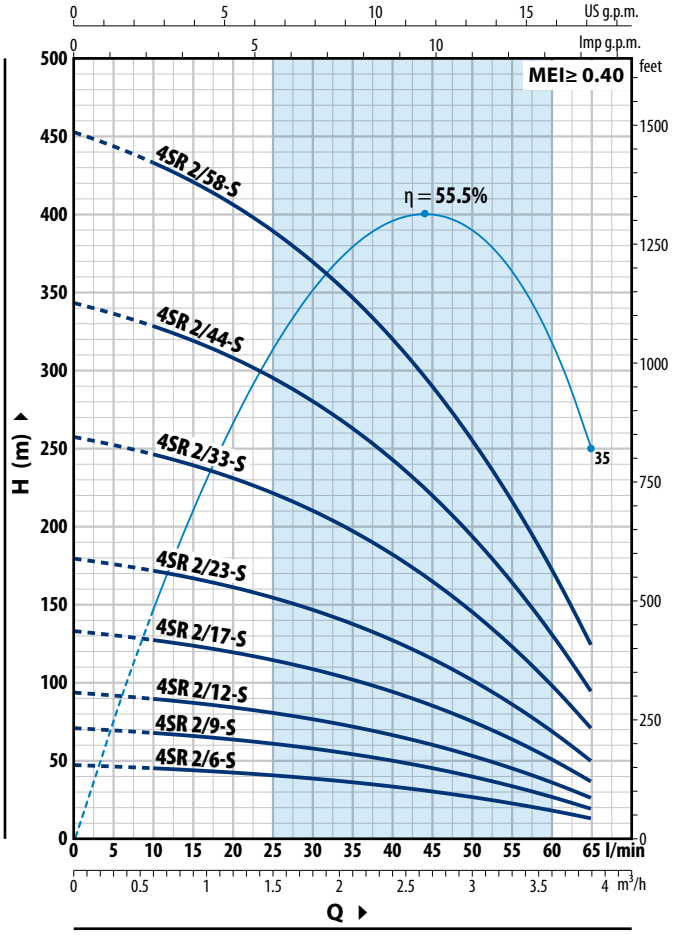
Q = Flow rate **H** = Total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

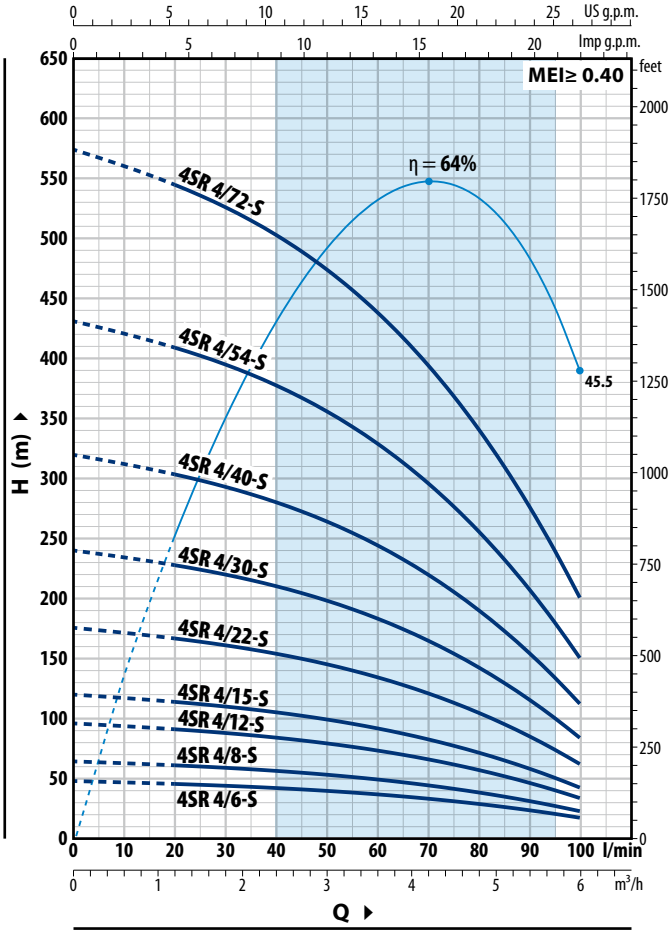
CURVES AND PERFORMANCE DATA

50 Hz

4SR 2-S



4SR 4-S



4SR 2-S

TYPE		POWER (P2)		Q m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	3.9
Single-phase	**Three-phase**	**kW**	**HP**	l/min	**0**	**10**	**20**	**30**	**40**	**50**	**60**	**65**
4SRm 2/6 - S	**4SR 2/6 - S**	0.37	0.50		47	45	42	38	33	26.4	18	13
4SRm 2/9 - S	**4SR 2/9 - S**	0.55	0.75		70	67	63	57.5	49.5	39.5	26.8	19.5
4SRm 2/12 - S	**4SR 2/12 - S**	0.75	1		94	90	84	76	66	53	36	25.5
4SRm 2/17 - S	**4SR 2/17 - S**	1.1	1.5		133	127	119	108	94	75	50.5	36.5
4SRm 2/23 - S	**4SR 2/23 - S**	1.5	2	**H** metres	179	172	161	146	127	101	68.5	49
4SRm 2/33 - S	**4SR 2/33 - S**	2.2	3		257	246	231	210	182	145	98	71
–	**4SR 2/44 - S**	3	4		343	328	308	280	243	194	131	94
–	**4SR 2/58 - S**	4	5.5		452	433	406	369	320	256	173	124

4SR 4-S

TYPE		POWER (P2)		Q m³/h	0	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
Single-phase	**Three-phase**	**kW**	**HP**	l/min	**0**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**
4SRm 4/6 - S	**4SR 4/6 - S**	0.55	0.75		48	45.5	44	42	39.5	36.5	33	28.5	23.2	17
4SRm 4/8 - S	**4SR 4/8 - S**	0.75	1		64	60.5	58.5	56	53	49	44	38	31	22.5
4SRm 4/12 - S	**4SR 4/12 - S**	1.1	1.5		96	91	88	84	79	73	66	57	46.5	33.5
4SRm 4/15 - S	**4SR 4/15 - S**	1.5	2		120	114	110	105	99	92	83	71	58	42
4SRm 4/22 - S	**4SR 4/22 - S**	2.2	3	**H** metres	176	167	161	154	145	134	121	105	85	61.5
–	**4SR 4/30 - S**	3	4		240	228	220	210	198	183	165	143	116	84
–	**4SR 4/40 - S**	4	5.5		320	304	293	280	264	244	220	190	154	112
–	**4SR 4/54 - S**	5.5	7.5		432	410	396	379	357	330	297	257	209	151
–	**4SR 4/72 - S**	7.5	10		576	547	528	505	476	440	396	342	278	202

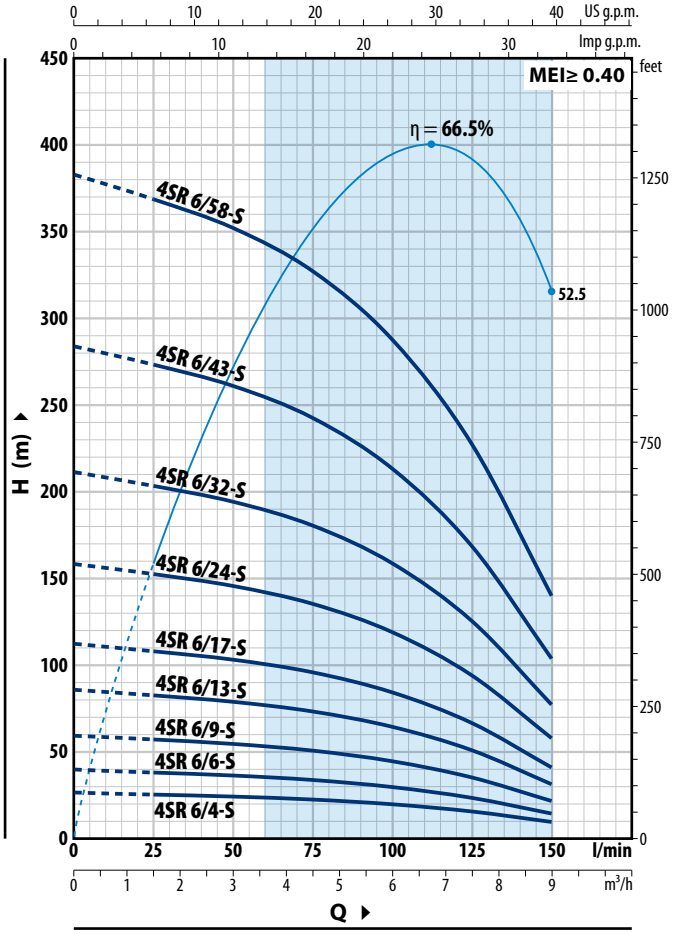
Q = Flow rate **H** = Total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

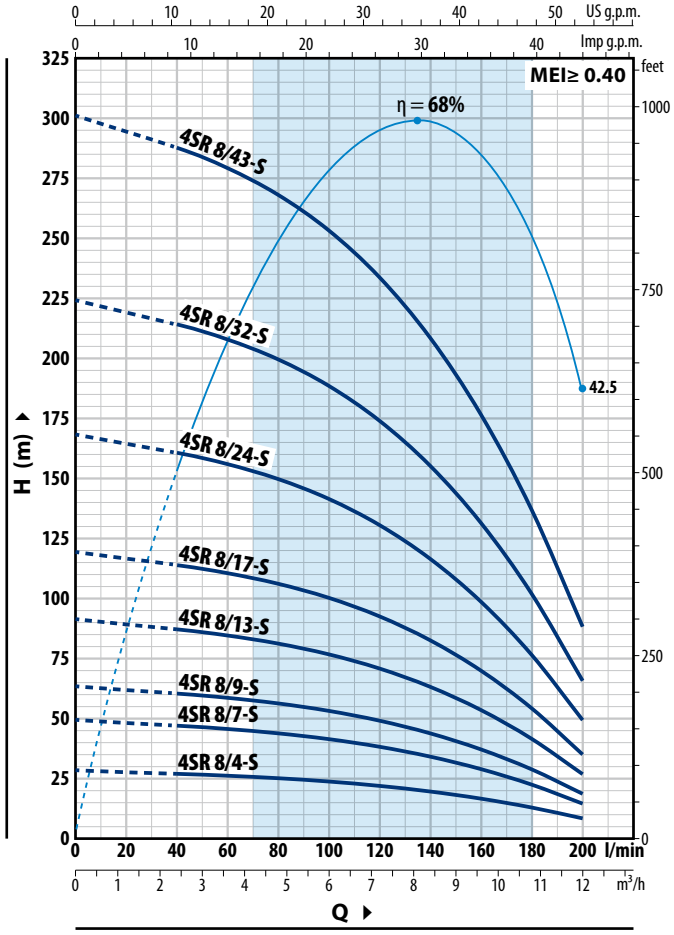
CURVES AND PERFORMANCE DATA

50 Hz

4SR 6-S



4SR 8- S



4SR 6-S

TYPE		POWER (P2)		Q m³/h	0	1.5	3.0	4.5	6.0	7.5	9.0
Single-phase	**Three-phase**	**kW**	**HP**	l/min	**0**	**25**	**50**	**75**	**100**	**125**	**150**
4SRm 6/4 - S	**4SR 6/4 - S**	0.55	0.75	H metres	26.5	25.5	24.3	22.5	19.8	15.7	9.5
4SRm 6/6 - S	**4SR 6/6 - S**	0.75	1		39.5	38	36.5	34	29.5	23.5	14.5
4SRm 6/9 - S	**4SR 6/9 - S**	1.1	1.5		59.5	57	54.5	50.5	44.5	35.5	21.5
4SRm 6/13 - S	**4SR 6/13 - S**	1.5	2		86	83	79	73	64.5	51	31.5
4SRm 6/17 - S	**4SR 6/17 - S**	2.2	3		112	108	103	96	84	66.5	41
–	**4SR 6/24 - S**	3	4		158	152	146	135	119	94	58
–	**4SR 6/32 - S**	4	5.5		211	203	194	180	159	125	77
–	**4SR 6/43 - S**	5.5	7.5		284	273	261	242	213	168	104
–	**4SR 6/58 - S**	7.5	10		383	368	352	327	287	227	140

4SR 8-S

TYPE		POWER (P2)		Q m³/h	0	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0
Single-phase	**Three-phase**	**kW**	**HP**	l/min	**0**	**40**	**60**	**80**	**100**	**120**	**140**	**160**	**180**	**200**
4SRm 8/4 - S	**4SR 8/4 - S**	0.75	1	H metres	28	27	26	25	23.6	21.8	19.4	16.4	12.7	8
4SRm 8/7 - S	**4SR 8/7 - S**	1.1	1.5		49	47	45.5	43.5	41.5	38	34	28.5	22.3	14.5
4SRm 8/9 - S	**4SR 8/9 - S**	1.5	2		63	60.5	58.5	56	53	49	43.5	37	28.5	18.5
4SRm 8/13 - S	**4SR 8/13 - S**	2.2	3		91	87	85	81	77	71	63	53.5	41.5	26.5
–	**4SR 8/17 - S**	3	4		119	114	111	106	100	92	82	70	54	35
–	**4SR 8/24 - S**	4	5.5		168	161	156	150	141	131	116	99	76	49
–	**4SR 8/32 - S**	5.5	7.5		224	214	208	200	189	174	155	131	102	65.5
–	**4SR 8/43 - S**	7.5	10		301	288	280	268	253	234	209	177	137	88

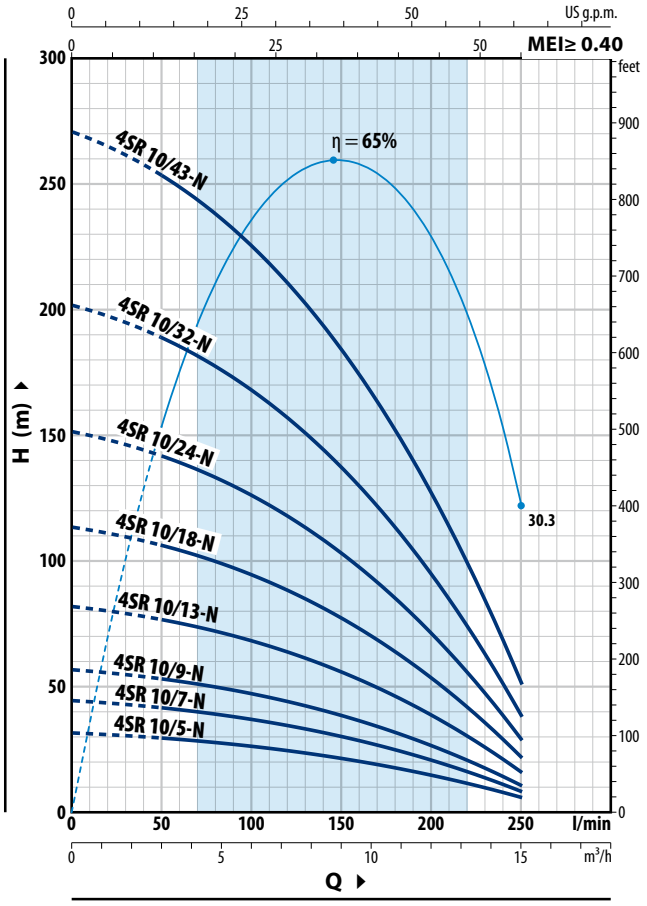
Q = Flow rate **H** = Total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

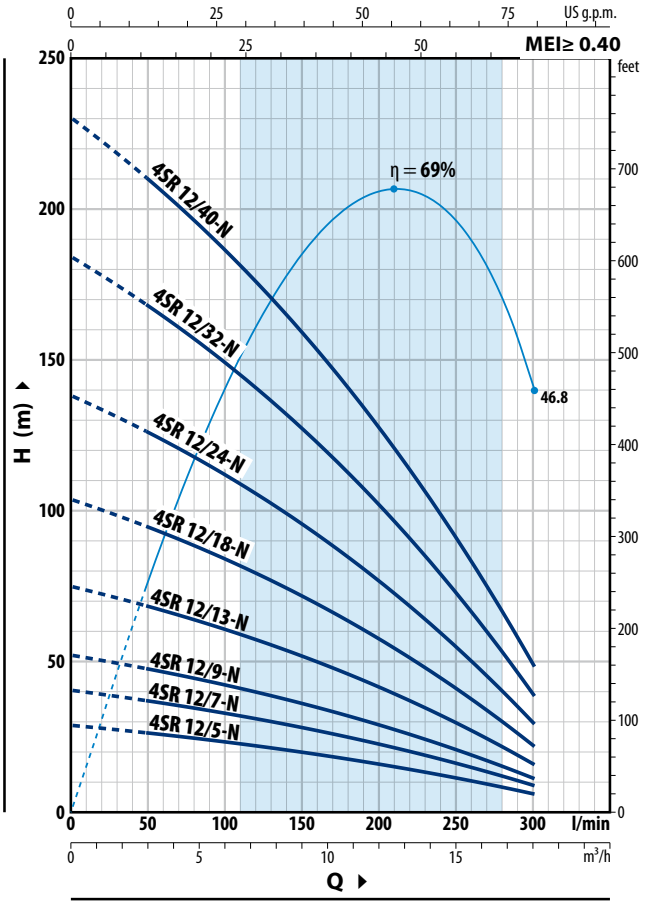
CURVES AND PERFORMANCE DATA

50 Hz

4SR 10-N



4SR 12-N



4SR 10-N

TYPE		POWER (P2)		Q m³/h	0	3.0	6.0	7.5	9.0	10.5	12.0	13.5	15.0
Single-phase	Three-phase	kW	HP	Q l/min	**0**	**50**	**100**	**125**	**150**	**175**	**200**	**225**	**250**
4SRm 10/5 - N	**4SR 10/5 - N**	0.75	1		31.5	29.5	26.2	24	21.4	18.3	14.7	10.6	6
4SRm 10/7 - N	**4SR 10/7 - N**	1.1	1.5		44	41.5	36.5	33.5	30	25.6	20.6	14.8	8.5
4SRm 10/9 -N	**4SR 10/9 - N**	1.5	2		56.5	53	47	43	38.5	33	26.5	19.1	10.5
4SRm 10/13 - N	**4SR 10/13 - N**	2.2	3	**H** metres	82	77	68	62.5	55.5	47.5	38	27.5	15.5
–	**4SR 10/18 - N**	3	4		113	106	94	86	77	66	53	38	21
–	**4SR 10/24 - N**	4	5.5		151	141	126	115	103	88	71	51	28.5
–	**4SR 10/32 - N**	5.5	7.5		202	189	168	154	137	117	94	68	38
–	**4SR 10/43 - N**	7.5	10		271	254	226	206	184	157	126	91	51

4SR 12-N

TYPE		POWER (P2)		Q m³/h	0	3	6	9	12	15	18
Single-phase	Three-phase	kW	HP	Q l/min	**0**	**50**	**100**	**150**	**200**	**250**	**300**
4SRm 12/5 - N	**4SR 12/5 - N**	0.75	1		29	26	23.2	19.8	15.9	11.3	6
4SRm 12/7 - N	**4SR 12/7 - N**	1.1	1.5		40.5	36.5	32.5	27.5	22.2	15.8	8.5
4SRm 12/9 - N	**4SR 12/9 - N**	1.5	2		52	47	42	35.5	28.5	20.3	11
4SRm 12/13 - N	**4SR 12/13 - N**	2.2	3	**H** metres	75	68	60.5	51.5	41	29.5	15.5
–	**4SR 12/18 - N**	3	4		104	94	84	71	57	40.5	21.5
–	**4SR 12/24 - N**	4	5.5		138	126	112	95	76	54	29
–	**4SR 12/32 - N**	5.5	7.5		184	168	149	127	101	72	38.5
–	**4SR 12/40 - N**	7.5	10		230	210	186	159	127	90	48

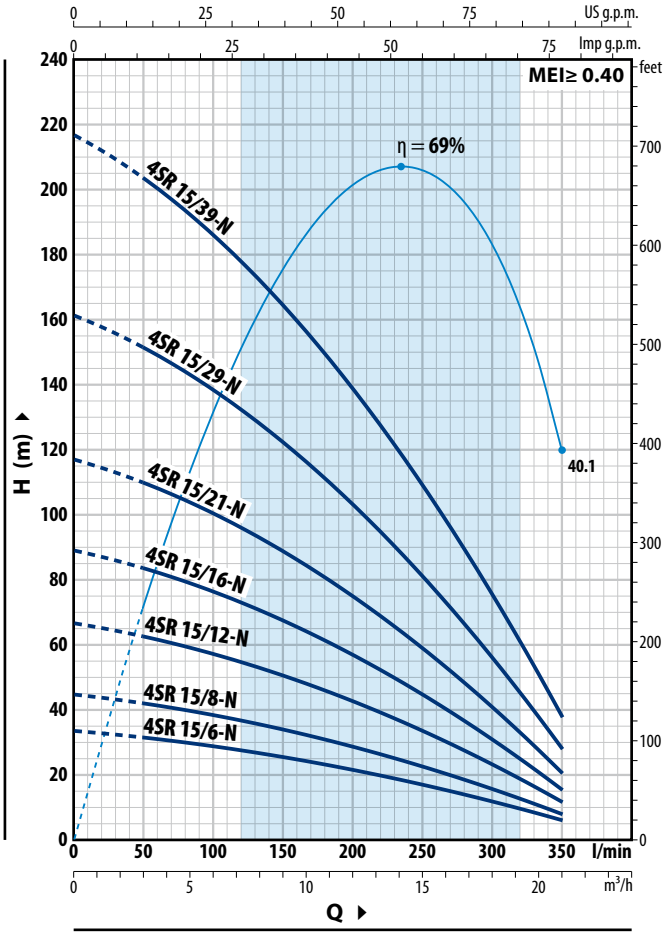
Q = Flow rate **H** = Total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

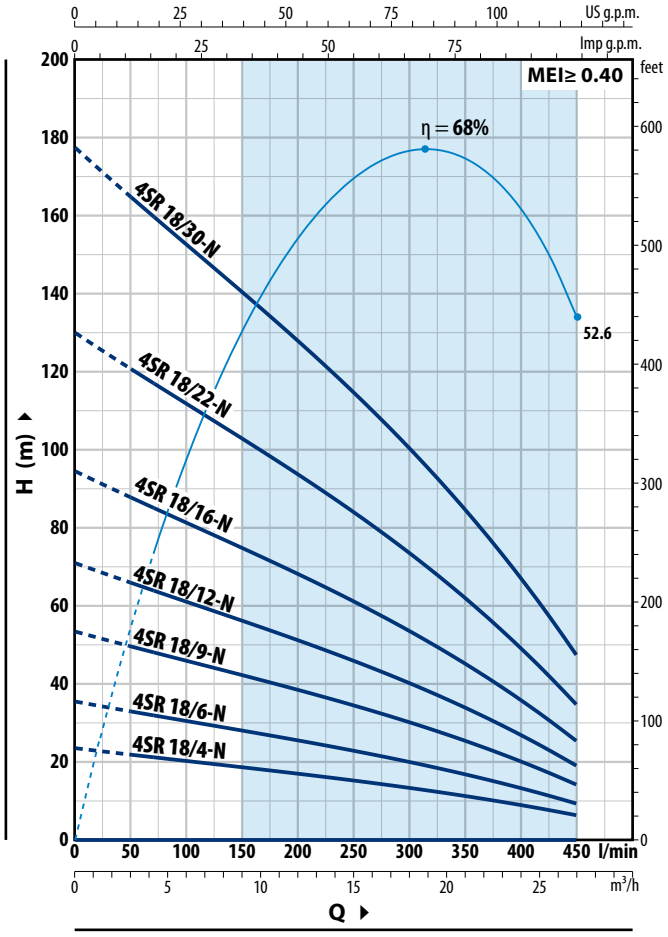
CURVES AND PERFORMANCE DATA

50 Hz

4SR 15-N



4SR 18-N



4SR 15-N

TYPE		POWER (P2)		Q	m³/h	0	3.0	6.0	9.0	12	15	18	21.0
Single-phase	**Three-phase**	**kW**	**HP**		l/min	**0**	**50**	**100**	**150**	**200**	**250**	**300**	**350**
4SRm 15/6 - N	**4SR 15/6 - N**	1.1	1.5			33.5	31.5	28.5	25.3	21.3	16.7	11.6	6
4SRm 15/8 - N	**4SR 15/8 - N**	1.5	2			44.5	41.5	38	33.5	28.5	22.3	15.4	7.5
4SRm 15/12 - N	**4SR 15/12 - N**	2.2	3			66.5	62.5	57	50.5	42.5	33.5	23.1	11.5
–	**4SR 15/16 - N**	3	4	**H**	metres	89	83	76	67.5	57	44.5	31	15.5
–	**4SR 15/21 - N**	4	5.5			117	110	100	88	75	58.5	40.5	20
–	**4SR 15/29 - N**	5.5	7.5			161	151	138	122	103	81	56	28
–	**4SR 15/39 - N**	7.5	10			217	203	186	164	139	109	75	37.5

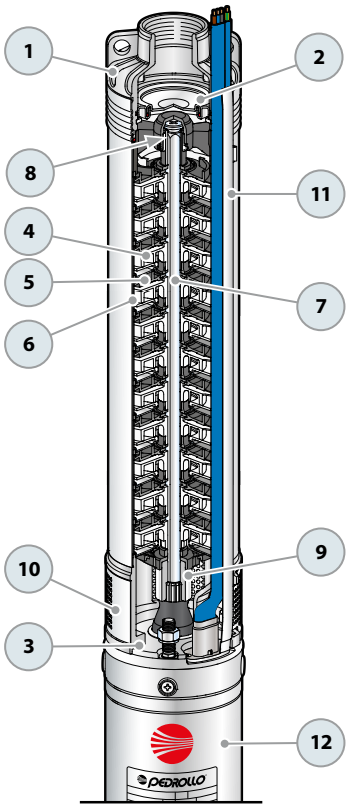
4SR 18-N

Q = flow rate - H = total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

MATERIALS AND COMPONENTS

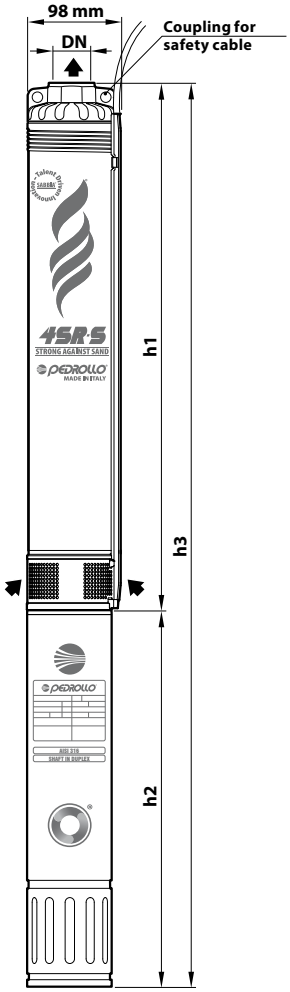
1	**Delivery port**	Micro-cast **AISI 304** stainless steel with thread according to ISO 228/1
2	**Check valve**	Stainless steel **AISI 304**
3	**Motor bracket**	Stainless steel **AISI 304**, sized to NEMA standards
4	**Impeller**	Delrin® for 4SR-S, Noryl™ for 4SR-N
5	**Diffuser**	Noryl™
6	**Stadium box**	Stainless steel **AISI 304**
7	**Pump shaft**	Stainless steel **AISI 304**
8	**Pump bearings**	Made of **AISI 316L** stainless steel coated with chromium oxide to resist sand
9	**Tow coupling**	Stainless steel
10	**Filter**	Stainless steel **AISI 304**
11	**Cable sheath**	Stainless steel **AISI 304**
12	**Motor 4"**	※ **4PD = rewindable oil filled motor** ※ **4PS = encapsulated water filled motor**



DIMENSIONS AND WEIGHTS (single-phase models)

TYPE Single-phase ※	DN	DIMENSIONS mm h1	h2	h3	kg
4SRm 1/10 - S - PD		362	311	673	10.8
4SRm 1/15 - S - PD		488	331	819	13.2
4SRm 1/20 - S - PD		588	356	944	15.9
4SRm 1/29 - S - PD		767	396	1163	19.9
4SRm 1/39 - S - PD		992	437	1429	24.4
4SRm 1/50 - S - PD		1284	492	1776	31.3
4SRm 1.5/7 - S - PD		303	311	614	10.1
4SRm 1.5/11 - S - PD		382	331	713	11.8
4SRm 1.5/15 - S - PD		488	356	844	14.0
4SRm 1.5/22 - S - PD		627	396	1023	17.8
4SRm 1.5/30 - S - PD		787	437	1224	21.4
4SRm 1.5/44 - S - PD	**1¼"**	1163	492	1655	29.2
4SRm 2/6 - S - PD		283	311	594	10.0
4SRm 2/9 - S - PD		343	331	674	11.4
4SRm 2/12 - S - PD		402	356	758	13.3
4SRm 2/17 - S - PD		528	396	924	16.1
4SRm 2/23 - S - PD		647	437	1084	20.1
4SRm 2/33 - S - PD		873	492	1365	24.9
4SRm 4/6 - S - PD		313	331	644	11.2
4SRm 4/8 - S - PD		363	356	719	12.9
4SRm 4/12 - S - PD		462	396	858	15.5
4SRm 4/15 - S - PD		563	437	1000	18.4
4SRm 4/22 - S - PD		737	492	1229	23.2
4SRm 6/4 - S - PD		289	331	620	11.0
4SRm 6/6 - S - PD		352	356	708	12.7
4SRm 6/9 - S - PD		446	396	842	15.2
4SRm 6/13 - S - PD		598	437	1035	18.4
4SRm 6/17 - S - PD	**2"**	723	492	1215	22.7
4SRm 8/4 - S - PD		289	356	645	12.1
4SRm 8/7 - S - PD		382	396	778	15.0
4SRm 8/9 - S - PD		446	437	883	17.0
4SRm 8/13 - S - PD		598	492	1090	21.0

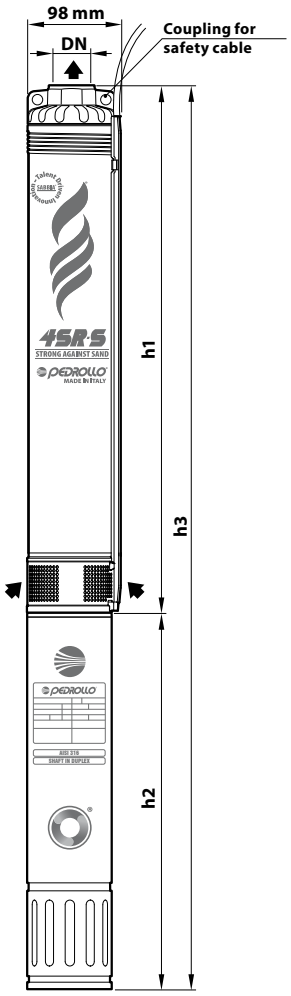
TYPE Single-phase ※	DN	DIMENSIONS mm h1	h2	h3	kg
4SRm 1/10 - S - PS		362	237	599	12.3
4SRm 1/15 - S - PS		488	257	745	14.4
4SRm 1/20 - S - PS		588	272	860	16.6
4SRm 1/29 - S - PS		767	312	1079	20.6
4SRm 1/39 - S - PS		992	352	1344	25
4SRm 1/50 - S - PS		1284	402	1686	30.6
4SRm 1.5/7 - S - PS		303	237	540	10.1
4SRm 1.5/11 - S - PS		382	257	639	12.2
4SRm 1.5/15 - S - PS		488	272	760	14.8
4SRm 1.5/22 - S - PS		627	312	939	18.4
4SRm 1.5/30 - S - PS		787	352	1139	22.6
4SRm 1.5/44 - S - PS	**1¼"**	1163	402	1565	28.8
4SRm 2/6 - S - PS		283	237	520	10.2
4SRm 2/9 - S - PS		343	257	600	11.8
4SRm 2/12 - S - PS		402	272	674	14.0
4SRm 2/17 - S - PS		528	312	840	17.0
4SRm 2/23 - S - PS		647	352	999	20.6
4SRm 2/33 - S - PS		873	402	1275	24.8
4SRm 4/6 - S - PS		313	257	570	11.5
4SRm 4/8 - S - PS		363	272	635	13.6
4SRm 4/12 - S - PS		462	312	774	15.3
4SRm 4/15 - S - PS		563	352	915	18.8
4SRm 4/22 - S - PS		737	402	1139	24.0
4SRm 6/4 - S - PS		289	257	546	11.1
4SRm 6/6 - S - PS		352	272	624	13.2
4SRm 6/9 - S - PS		446	312	758	15.8
4SRm 6/13 - S - PS		598	352	950	19.0
4SRm 6/17 - S - PS	**2"**	723	402	1125	22.8
4SRm 8/4 - S - PS		289	272	561	12.3
4SRm 8/7 - S - PS		382	312	694	15.4
4SRm 8/9 - S - PS		446	352	798	17.8
4SRm 8/13 - S - PS		598	402	1000	20.2



DIMENSIONS AND WEIGHTS (three-phase models)

TYPE Three-phase ※	DN	DIMENSIONS mm h1	h2	h3	kg
4SR 1/10 - S - PD		362	311	673	10.6
4SR 1/15 - S - PD		488	331	819	13.5
4SR 1/20 - S - PD		588	356	944	14.2
4SR 1/29 - S - PD		767	371	1138	17.8
4SR 1/39 - S - PD		992	396	1388	22.8
4SR 1/50 - S - PD		1284	437	1721	28.1
4SR 1.5/7 - S - PD		303	311	614	10.0
4SR 1.5/11 - S - PD		382	331	713	11.7
4SR 1.5/15 - S - PD		488	356	844	13.8
4SR 1.5/22 - S - PD		627	371	998	16.2
4SR 1.5/30 - S - PD		787	396	1183	19.3
4SR 1.5/44 - S - PD		1163	437	1600	26.6
4SR 2/6 - S - PD		283	311	594	9.8
4SR 2/9 - S - PD		343	331	674	11.4
4SR 2/12 - S - PD	**1¼"**	402	356	758	13.1
4SR 2/17 - S - PD		528	371	899	15.0
4SR 2/23 - S - PD		647	396	1043	17.7
4SR 2/33 - S - PD		873	437	1310	22.3
4SR 2/44 - S - PD		1163	450	1613	27.8
4SR 2/58 - S - PD		1432	625	2057	34.4
4SR 4/6 - S - PD		313	331	644	11.0
4SR 4/8 - S - PD		363	356	719	12.4
4SR 4/12 - S - PD		462	371	833	15.5
4SR 4/15 - S - PD		563	396	959	16.3
4SR 4/22 - S - PD		737	437	1174	20.3
4SR 4/30 - S - PD		963	450	1413	23.7
4SR 4/40 - S - PD		1284	625	1909	35.0
4SR 4/54 - S - PD		1684	725	2409	47.0
4SR 4/72 - S - PD		2134	845	2979	54.0
4SR 6/4 - S - PD		289	331	620	10.8
4SR 6/6 - S - PD		352	356	708	12.0
4SR 6/9 - S - PD		446	371	817	13.9
4SR 6/13 - S - PD		598	396	994	16.3
4SR 6/17 - S - PD		723	437	1160	20.0
4SR 6/24 - S - PD		969	450	1419	23.5
4SR 6/32 - S - PD		1247	625	1872	32.0
4SR 6/43 - S - PD		1618	725	2343	45.0
4SR 6/58 - S - PD	**2"**	2161	845	3006	55.0
4SR 8/4 - S - PD		289	356	645	11.6
4SR 8/7 - S - PD		382	371	753	13.4
4SR 8/9 - S - PD		446	396	842	15.1
4SR 8/13 - S - PD		598	437	1035	18.2
4SR 8/17 - S - PD		723	450	1173	21.1
4SR 8/24 - S - PD		969	625	1594	30.0
4SR 8/32 - S - PD		1247	725	1972	40.6
4SR 8/43 - S - PD		1618	845	2463	49.0

TYPE Three-phase ※	DN	DIMENSIONS mm h1	h2	h3	kg
4SR 1/10 - S - PS		362	237	599	12.2
4SR 1/15 - S - PS		488	237	725	13.9
4SR 1/20 - S - PS		588	257	845	15.6
4SR 1/29 - S - PS		767	272	1039	18.8
4SR 1/39 - S - PS		992	297	1289	22.6
4SR 1/50 - S - PS		1284	352	1636	29.8
4SR 1.5/7 - S - PS		303	237	540	10.1
4SR 1.5/11 - S - PS		382	237	619	11.1
4SR 1.5/15 - S - PS		488	257	745	13.8
4SR 1.5/22 - S - PS		627	272	899	16.4
4SR 1.5/30 - S - PS		787	297	1084	20.5
4SR 1.5/44 - S - PS		1163	352	1515	28.0
4SR 2/6 - S - PS		283	237	520	10.2
4SR 2/9 - S - PS		343	237	580	10.7
4SR 2/12 - S - PS	**1¼"**	402	257	659	13.2
4SR 2/17 - S - PS		528	272	800	15.5
4SR 2/23 - S - PS		647	297	944	17.8
4SR 2/33 - S - PS		873	352	1225	24.0
4SR 2/44 - S - PS		1163	484	1647	31.6
4SR 2/58 - S - PS		1432	574	2006	41.7
4SR 4/6 - S - PS		313	237	550	11.2
4SR 4/8 - S - PS		363	257	620	12.6
4SR 4/12 - S - PS		462	272	734	14.2
4SR 4/15 - S - PS		563	297	860	16.2
4SR 4/22 - S - PS		737	352	1089	20.8
4SR 4/30 - S - PS		963	484	1447	28.4
4SR 4/40 - S - PS		1284	574	1858	40.4
4SR 4/54 - S - PS		1684	664	2348	40.0
4SR 4/72 - S - PS		2134	764	2898	54.4
4SR 6/4 - S - PS		289	237	526	10.0
4SR 6/6 - S - PS		352	257	609	12.4
4SR 6/9 - S - PS		446	272	718	14.0
4SR 6/13 - S - PS		598	297	895	17.3
4SR 6/17 - S - PS		723	352	1075	20.4
4SR 6/24 - S - PS		969	484	1453	27.3
4SR 6/32 - S - PS		1247	574	1821	35.2
4SR 6/43 - S - PS		1618	664	2282	45.0
4SR 6/58 - S - PS	**2"**	2161	764	2925	55.0
4SR 8/4 - S - PS		289	257	546	11.1
4SR 8/7 - S - PS		382	272	654	14.3
4SR 8/9 - S - PS		446	297	743	15.0
4SR 8/13 - S - PS		598	352	950	18.8
4SR 8/17 - S - PS		723	484	1207	25.8
4SR 8/24 - S - PS		969	574	1543	33.7
4SR 8/32 - S - PS		1247	664	1911	39.4
4SR 8/43 - S - PS		1618	764	2382	49.0

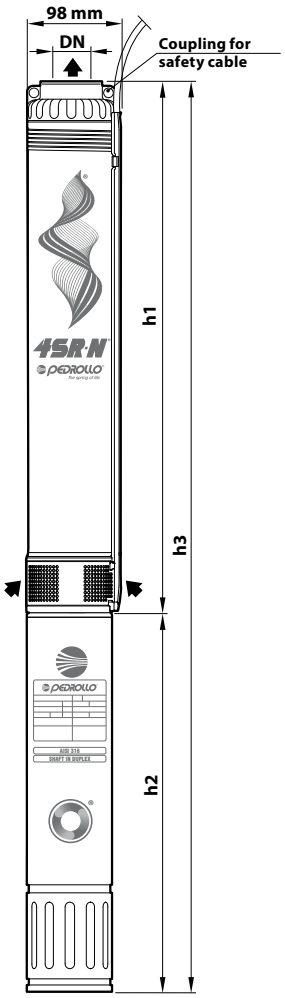


※ 4PD = rewindable in oil filled motor

※ 4PS = encapsulated water filled motor

DIMENSIONS AND WEIGHT

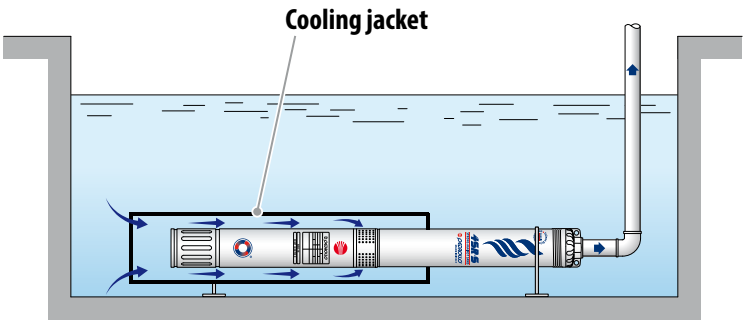
TYPE	DN	DIMENSIONS mm			kg	TYPE	DN	DIMENSIONS mm			kg
Single-phase ※		h1	h2	h3		**Single-phase ※**		h1	h2	h3	
4SRm 10/5 - N - PD		430	357	787	12.4	**4SRm 10/5 - N - PS**		430	272	702	13.0
4SRm 10/7 - N - PD		532	397	929	16.7	**4SRm 10/7 - N - PS**		532	312	844	17.7
4SRm 10/9 - N - PD		633	437	1070	18.9	**4SRm 10/9 - N - PS**		633	352	985	20.6
4SRm 10/13 - N - PD		837	492	1329	25.6	**4SRm 10/13 - N - PS**		837	402	1239	24.9
4SRm 12/5 - N - PD		488	357	845	13.0	**4SRm 12/5 - N - PS**		488	272	760	13.5
4SRm 12/7 - N - PD	**2"**	613	397	1010	15.5	**4SRm 12/7 - N - PS**	**2"**	613	312	925	16.5
4SRm 12/9 - N - PD		738	437	1175	18.5	**4SRm 12/9 - N - PS**		738	352	1090	20.0
4SRm 12/13 - N - PD		989	492	1481	23.5	**4SRm 12/13 - N - PS**		989	402	1391	23.0
4SRm 15/6 - N - PD		550	397	947	16.0	**4SRm 15/6 - N - PS**		550	312	862	16.0
4SRm 15/8 - N - PD		676	437	1113	19.5	**4SRm 15/8 - N - PS**		676	352	1028	19.5
4SRm 15/12 - N - PD		926	492	1418	22.5	**4SRm 15/12 - N - PS**		926	402	1328	22.5
Three-phase ※						**Three-phase ※**					
4SR 10/5 - N - PD		430	357	787	12.4	**4SR 10/5 - N - PS**		430	257	687	11.8
4SR 10/7 - N - PD		532	372	904	14.2	**4SR 10/7 - N - PS**		532	272	804	13.9
4SR 10/9 - N - PD		633	397	1030	15.9	**4SR 10/9 - N - PS**		633	297	930	16.9
4SR 10/13 - N - PD		837	437	1274	19.2	**4SR 10/13 - N - PS**		837	352	1189	20.9
4SR 10/18 - N - PD		1092	450	1542	23.0	**4SR 10/18 - N - PS**		1092	484	1576	26.8
4SR 10/24 - N - PD		1398	625	2023	32.4	**4SR 10/24 - N - PS**		1398	574	1972	37.4
4SR 10/32 - N - PD		1805	725	2530	43.4	**4SR 10/32 - N - PS**		1805	664	2469	43.8
4SR 10/43 - N - PD		2366	845	3211	52.0	**4SR 10/43 - N - PS**		2366	764	3130	52.4
4SR 12/5 - N - PD		488	357	845	13.0	**4SR 12/5 - N - PS**		488	257	745	12.0
4SR 12/7 - N - PD		613	372	985	14.5	**4SR 12/7 - N - PS**		613	272	885	14.5
4SR 12/9 - N - PD		738	397	1135	17.0	**4SR 12/9 - N - PS**		738	297	1035	18.0
4SR 12/13 - N - PD	**2"**	989	437	1426	20.5	**4SR 12/13 - N - PS**	**2"**	989	352	1341	22.0
4SR 12/18 - N - PD		1302	450	1752	25.0	**4SR 12/18 - N - PS**		1302	484	1786	25.6
4SR 12/24 - N - PD		1677	625	2302	34.5	**4SR 12/24 - N - PS**		1677	574	2251	38.0
4SR 12/32 - N - PD		2178	725	2903	46.1	**4SR 12/32 - N - PS**		2178	664	2842	46.5
4SR 12/40 - N - PD		2679	845	3524	54.0	**4SR 12/40 - N - PS**		2679	764	3443	54.0
4SR 15/6 - N - PD		550	372	922	15.0	**4SR 15/6 - N - PS**		550	272	822	14.0
4SR 15/8 - N - PD		676	397	1073	17.9	**4SR 15/8 - N - PS**		676	297	973	17.5
4SR 15/12 - N - PD		926	437	1363	22.4	**4SR 15/12 - N - PS**		926	352	1278	21.5
4SR 15/16 - N - PD		1176	450	1626	25.4	**4SR 15/16 - N - PS**		1176	484	1660	27.5
4SR 15/21 - N - PD		1489	625	2114	33.0	**4SR 15/21 - N - PS**		1489	574	2063	36.5
4SR 15/29 - N - PD		1990	725	2715	48.2	**4SR 15/29 - N - PS**		1990	664	2654	45.0
4SR 15/39 - N - PD		2616	845	3461	58.0	**4SR 15/39 - N - PS**		2616	764	3380	53.5

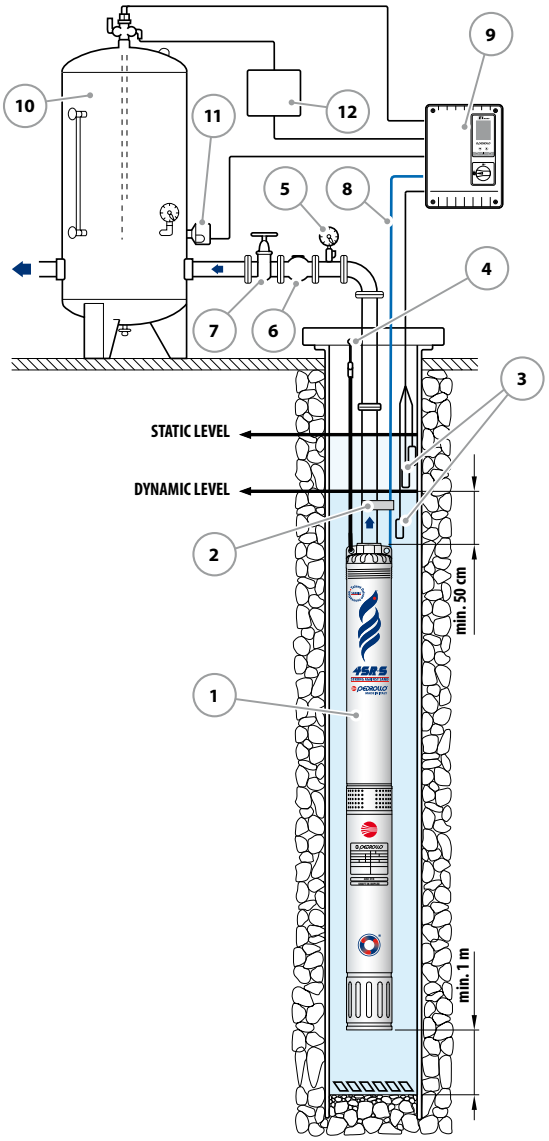


※ 4PD = rewindable oil filled motor

※ 4PS = encapsulated water filled motor

EXAMPLES OF INSTALLATION





COOLING JACKET

※ When the pump is installed in reservoirs, rivers, or lakes, it requires an external cooling jacket (flow generator) to ensure sufficient water flow across the motor surface, preventing overheating.

※ The **4SR** pumps are suitable for wells with a minimum diameter of **4"** (**100 mm**).

※ The submersible pump must be lowered into the well through the delivery pipe to a depth that ensures it remains fully submerged, maintaining at least 50 cm or one metre from the bottom of the well, even if liquid levels decrease during operation.

※ It is advisable to secure the submersible pump using a stainless-steel cable connected to appropriate attachments on the delivery port.

COMPONENTS

1) Submersible pump
2) Fixing Ties
3) Level control probes
4) Bracket and anchor cable
5) Pressure Gauge
6) Check valve
7) Flow control gate valve
8) Electrical power supply cable
9) Control panel
10) Autoclave tank
11) Pressure switch
12) Solenoid valve/electric compressor