

4SR

4" submersible pumps sand-resistant

The combination of a hydraulic design with floating impellers and the materials used allows the pump to handle sand content of up to 150 g/m³ without risk of blockage or premature wear.



RANGE OF PERFORMANCE

Flow rate up to 375 l/min (22.5 m³/h)
Head up to 525 m

LIMITS OF USE

Liquid temperature up to +30°C
Maximum sand content 150 g/m³
Starts/hour: 20 at regular intervals

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1 EN 60034-1
IEC 335-1 IEC 34-1
CEI 61-150 CEI 2-3



INSTALLATION AND USE

THEY ARE RECOMMENDED FOR PUMPING CLEAN WATER WITH A SAND CONTENT NO HIGHER THAN 150 g/m³. THEIR HIGH EFFICIENCY AND RELIABILITY MAKE THEM SUITABLE FOR USE IN THE DOMESTIC, CIVIL AND INDUSTRIAL SECTORS, INCLUDING FOR WATER SUPPLIES AS PART OF A PRESSURE SET, IRRIGATION, WASHDOWN SYSTEMS, PRESSURE BOOSTING AND FIRE FIGHTING SYSTEMS.

GUARANTEE 2 YEARS subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

- DELIVERY BODY AND MOTOR BRACKET: stainless steel AISI 304.
- NON-RETURN VALVE: stainless steel AISI 304.
- IMPELLERS AND DIFFUSERS: technopolymer.
- DIFFUSER HOUSING: stainless steel AISI 304.
- PUMP CASING: stainless steel AISI 304.
- PUMP SHAFT: stainless steel AISI 304.
- PUMP BEARINGS: housing in special technopolymer with stainless steel AISI 316 shaft bushes, chrome oxide coated to resist sand.
- DRIVE COUPLING: stainless steel AISI 316L up to 2.2 kW; stainless steel AISI 304 for higher powers.
- SCREWS, FILTER AND CABLE COVER: stainless steel AISI 304.
- MOTOR: Pedrollo 4" submersible electric motor.
4SRm: single-phase 220÷230 V - 50 Hz.
4SR: three-phase 380÷415 V - 50 Hz.
- PROTECTION: IP 68.

STANDARD FEATURES:

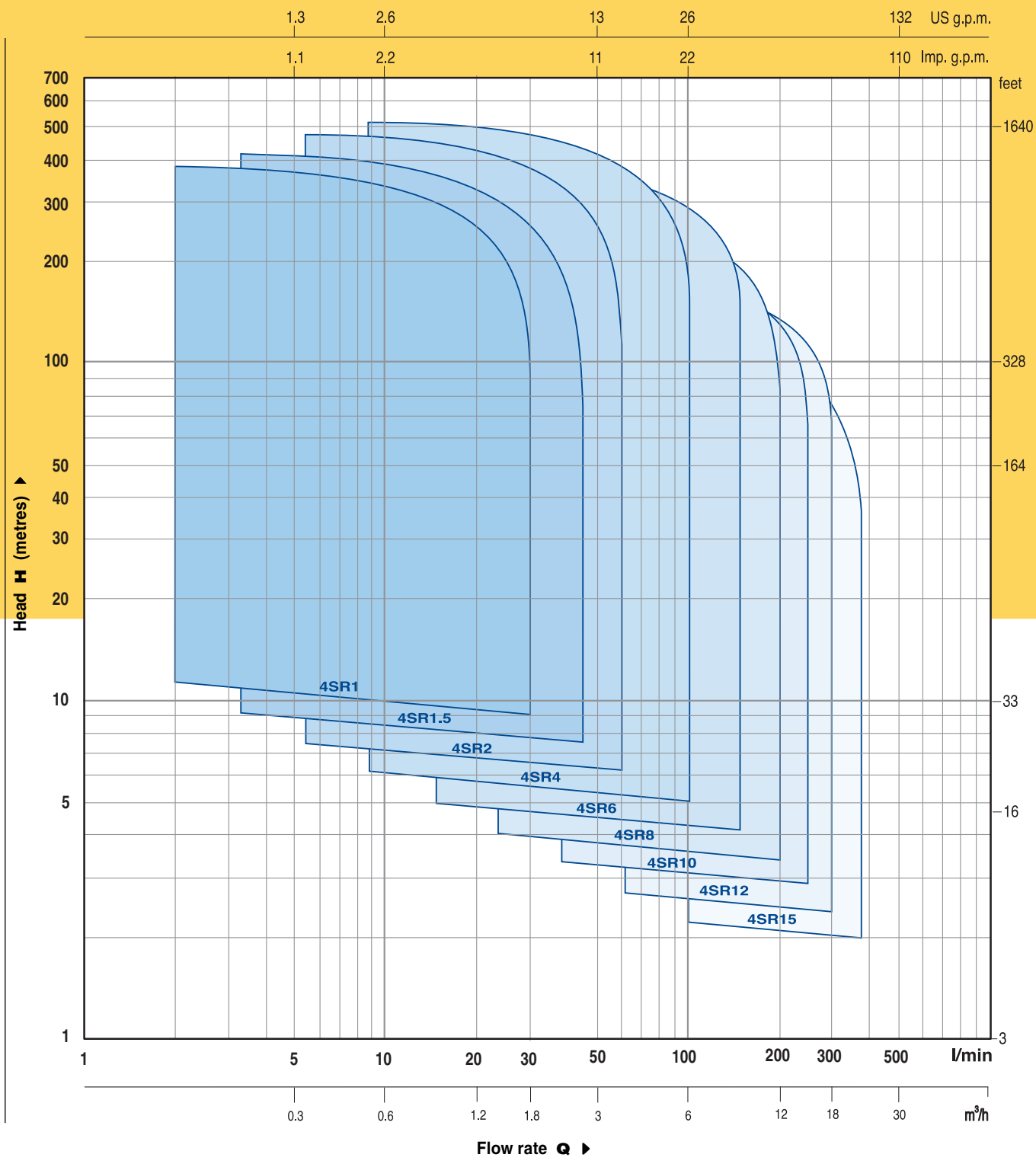
4SRm (single-phase) Power cable 1.5 metres long (2.5 metres for motors over 3 kW). Capacitor supplied loose with Pedrollo motors.

4SR (three-phase) Power cable 1.5 metres long (2.5 metres for powers higher than 3 kW).

OPTIONS ON REQUEST

- ⇒ pumps for water with a sand content higher than 150 g/m³
- ⇒ pumps for sea water
- ⇒ Franklin Electric 4" submersible electric motor
- ⇒ other voltages or frequency 60 Hz

RANGE OF PERFORMANCE AT n= 2900 1/min

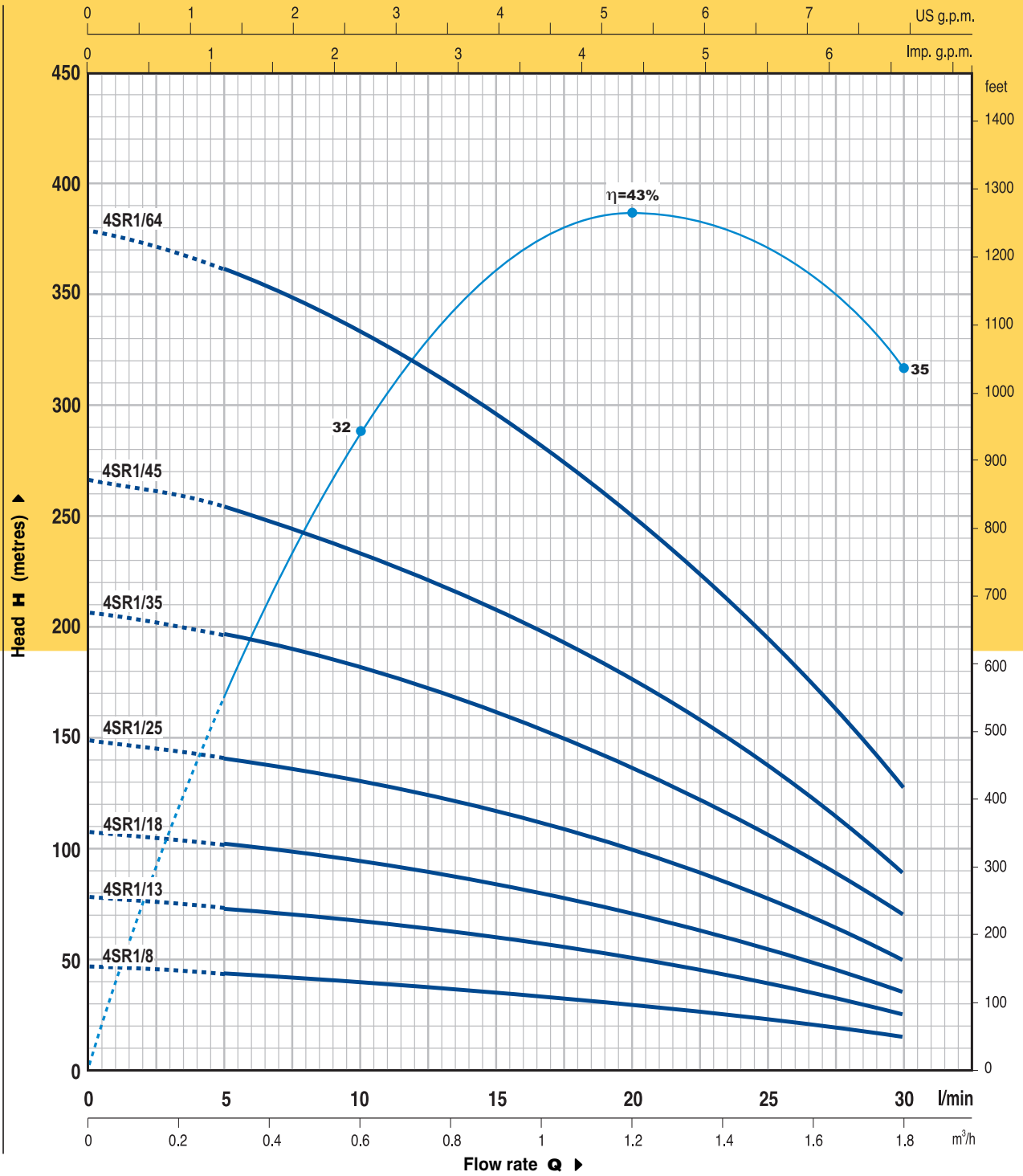


DESCRIPTION

4 SR 1 m / 13
 Borehole diameter in inches _____
 Series _____
 Flow rate in m³/h in the point of highest efficiency _____
 Single-phase motor _____
 Number of stages _____

4SR1

CURVES AND PERFORMANCE DATA AT n= 2900 1/min



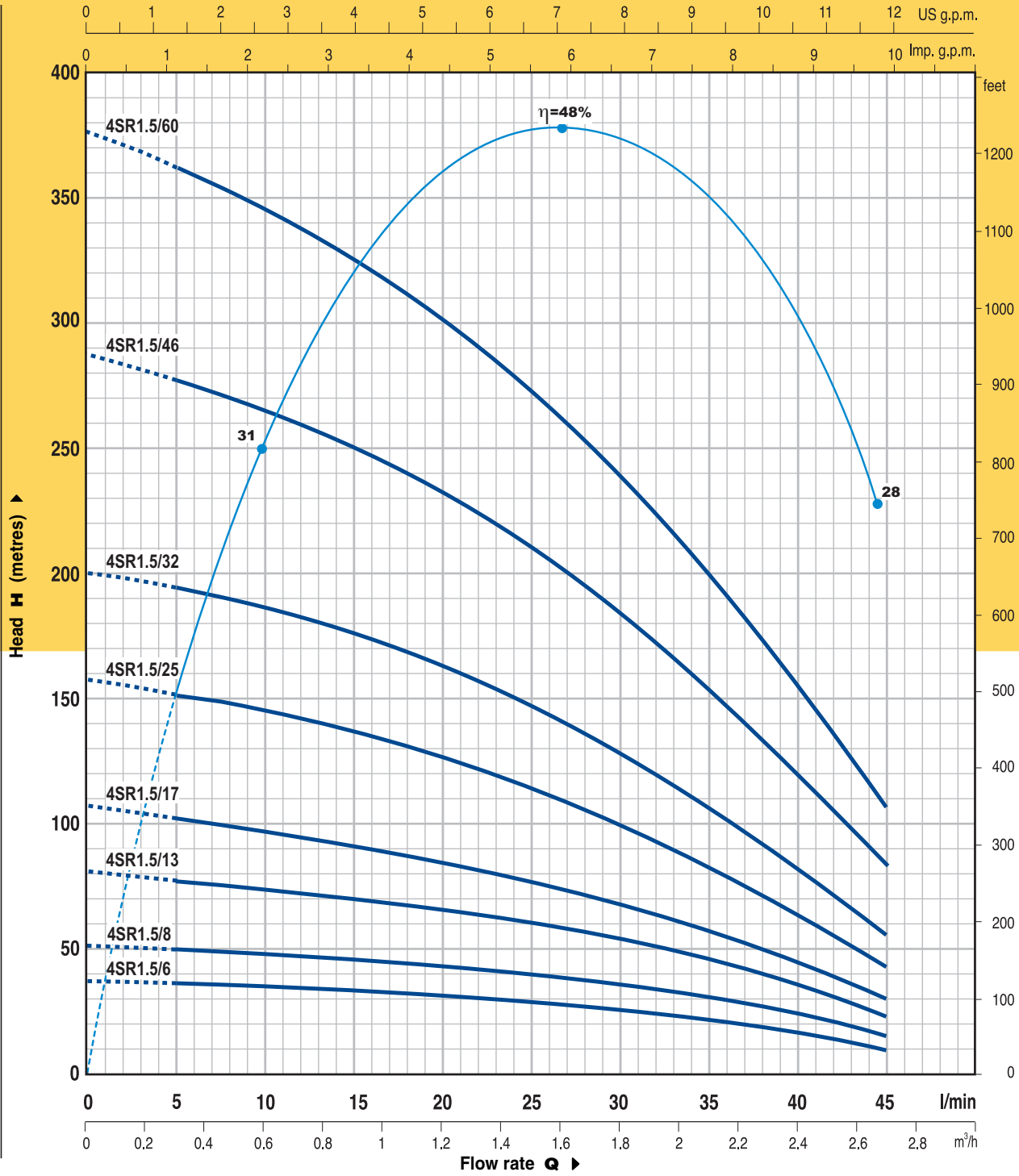
TYPE		POWER		Q	H metres						
Single-phase	Three-phase	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8
				l/min	0	5	10	15	20	25	30
4SR1m/8	—	0.25	0.33	H metres	47	45	42	37	31	24	16
4SR1m/13	4SR1/13	0.37	0.50		77	73	67	60	51	40	26
4SR1m/18	4SR1/18	0.55	0.75		107	101	93	83	71	55	36
4SR1m/25	4SR1/25	0.75	1		148	140	129	115	98	77	50
4SR1m/35	4SR1/35	1.1	1.5		206	197	182	161	136	107	70
4SR1m/45	4SR1/45	1.5	2		266	254	234	207	176	137	90
4SR1m/64	4SR1/64	2.2	3		379	362	332	295	250	195	128

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR1.5

CURVES AND PERFORMANCE DATA AT $n= 2900$ 1/min



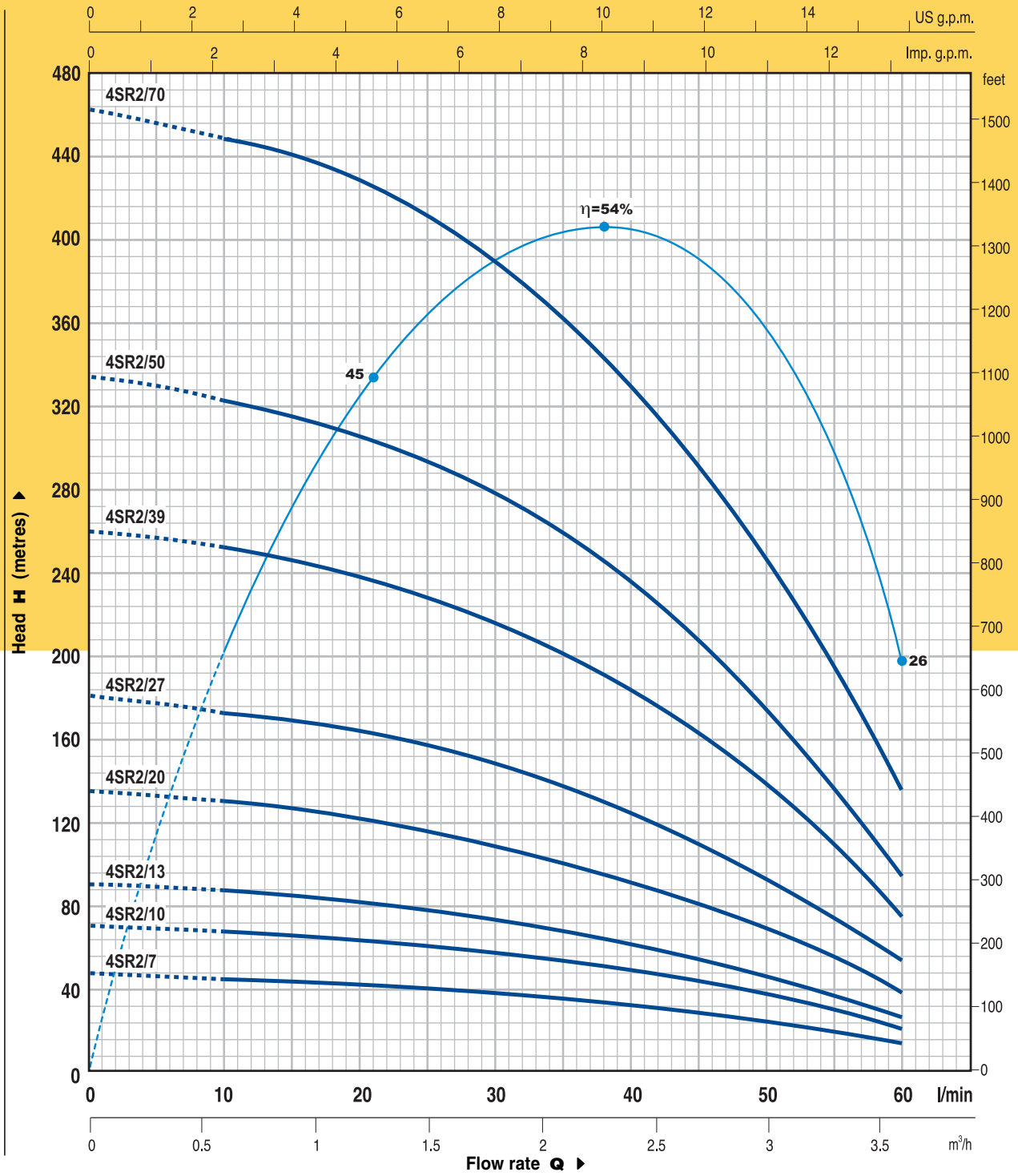
TYPE		POWER		Q	m³/h										
Single-phase	Three-phase	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	
				l/min	0	5	10	15	20	25	30	35	40	45	
4SR1.5m/6	—	0.25	0.33	H metres	38	36	34	33	30	27	24	20	15	11	
4SR1.5m/8	4SR1.5/8	0.37	0.50		50	48	46	44	40	36	32	26	20	14	
4SR1.5m/13	4SR1.5/13	0.55	0.75		81	78	75	71	66	59	52	43	33	23	
4SR1.5m/17	4SR1.5/17	0.75	1		106	102	98	93	86	78	68	56	43	30	
4SR1.5m/25	4SR1.5/25	1.1	1.5		156	151	144	136	127	115	100	83	64	45	
4SR1.5m/32	4SR1.5/32	1.5	2		200	193	184	175	162	147	128	106	82	58	
4SR1.5m/46	4SR1.5/46	2.2	3		288	277	265	250	233	211	184	153	117	83	
—	4SR1.5/60	3	4		375	362	346	328	304	276	241	199	153	108	

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR2

CURVES AND PERFORMANCE DATA AT n= 2900 1/min



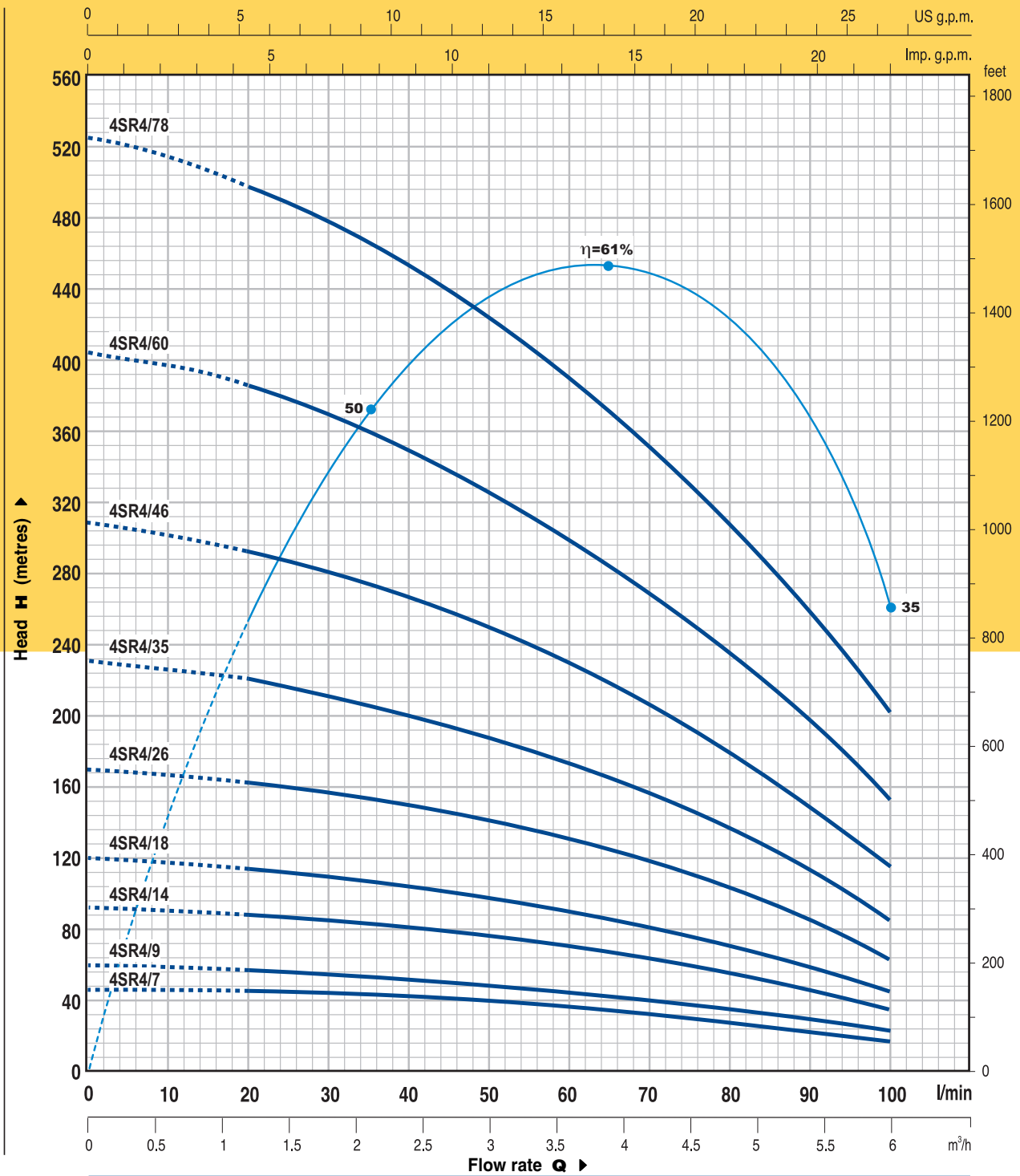
TYPE		POWER		Q	m³/h						
Single-phase	Three-phase	kW	HP		0	0.6	1.2	1.8	2.4	3.0	3.6
4SR2m/7	4SR2/7	0.37	0.50	H metres	0	10	20	30	40	50	60
4SR2m/10	4SR2/10	0.55	0.75		48	46	44	39	33	25	14
4SR2m/13	4SR2/13	0.75	1		70	68	63	57	48	36	20
4SR2m/20	4SR2/20	1.1	1.5		90	88	82	74	62	46	26
4SR2m/27	4SR2/27	1.5	2		135	130	122	111	93	71	39
4SR2m/39	4SR2/39	2.2	3		180	173	164	150	126	96	52
—	4SR2/50	3	4		260	250	238	216	183	138	75
—	4SR2/70	4	5.5		335	322	306	277	235	177	96
				465	448	427	388	328	248	135	

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR4

CURVES AND PERFORMANCE DATA AT n= 2900 1/min



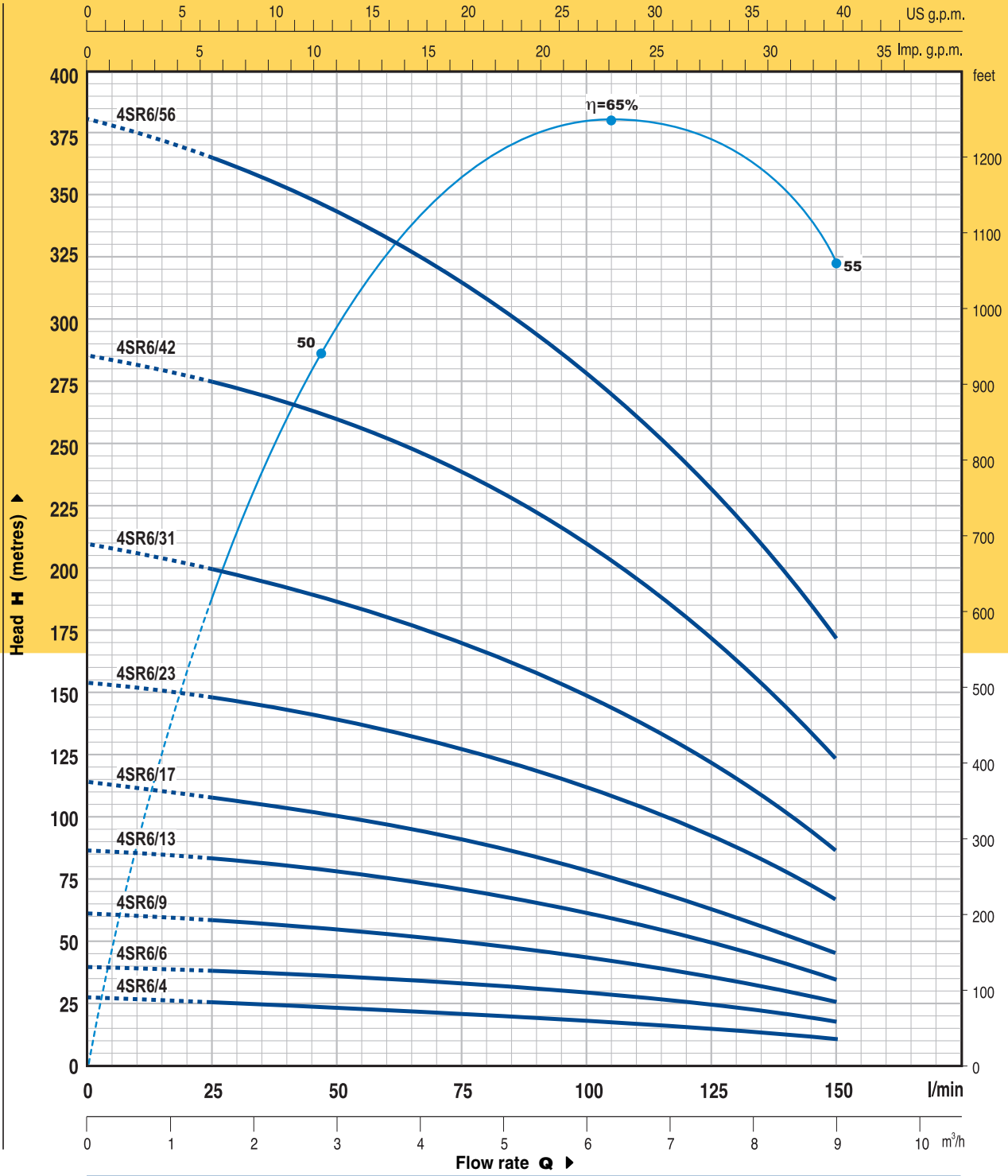
TYPE		POWER		Q	Flow rate (l/min)										
Single-phase	Three-phase	kW	HP		0	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	
4SR4m/7	4SR4/7	0.55	0.75	H metres	0	20	30	40	50	60	70	80	90	100	
4SR4m/9	4SR4/9	0.75	1		46	44	42	40	38	35	32	28	23	17	
4SR4m/14	4SR4/14	1.1	1.5		60	56	55	52	49	45	40	35	29	23	
4SR4m/18	4SR4/18	1.5	2		92	88	85	81	76	70	63	55	45	35	
4SR4m/26	4SR4/26	2.2	3		120	112	109	104	98	90	81	70	58	45	
---	4SR4/35	3	4		170	162	157	150	141	130	116	101	84	63	
---	4SR4/46	4	5.5		230	220	211	202	190	175	157	137	113	85	
---	4SR4/60	5.5	7.5		308	293	280	269	249	230	205	181	151	117	
---	4SR4/78	7.5	10		405	385	370	350	325	300	270	235	195	155	
---	4SR4/78	7.5	10		525	495	475	450	425	390	350	305	255	200	

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR6

CURVES AND PERFORMANCE DATA AT n= 2900 1/min



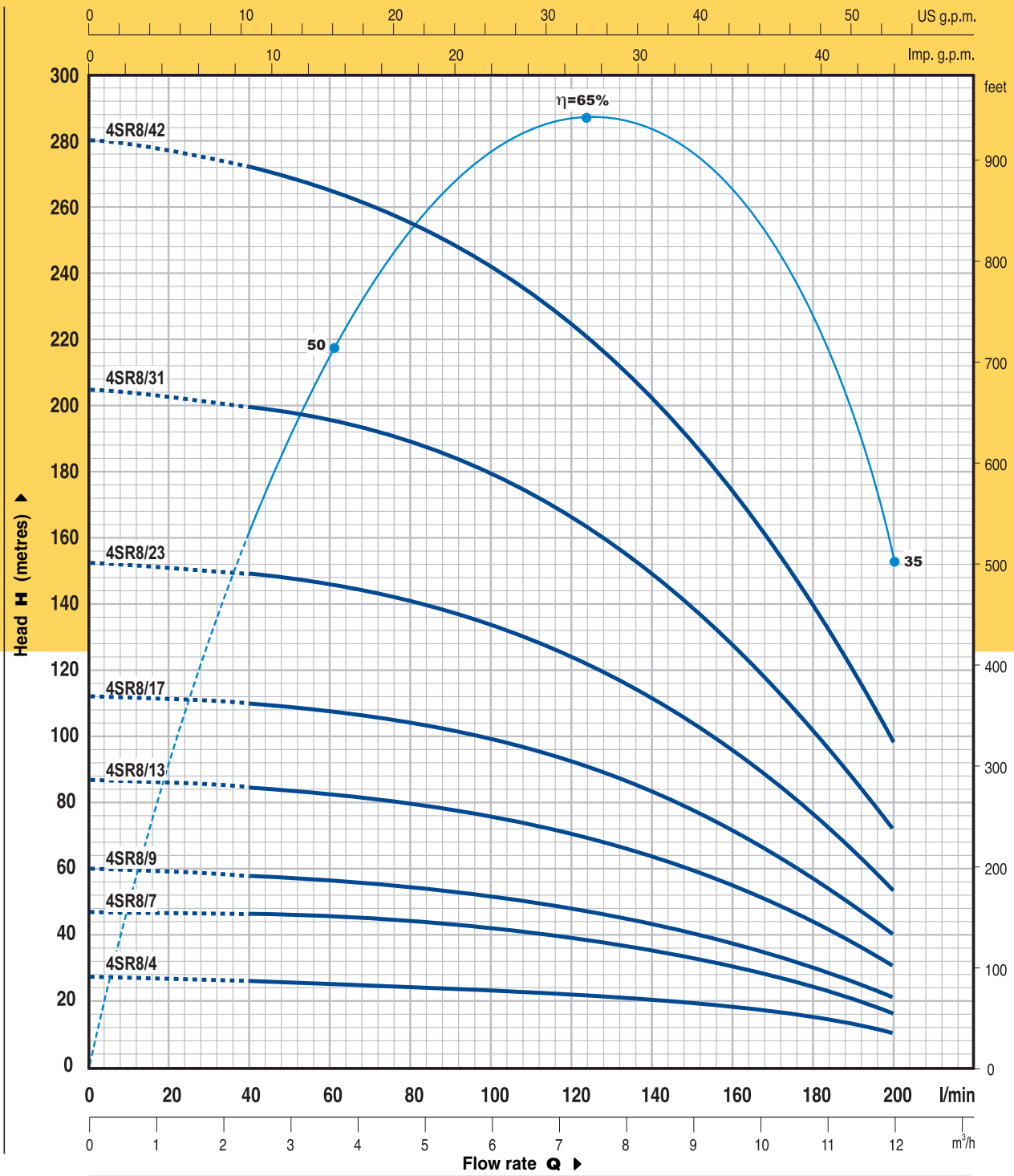
TYPE		POWER		Q	Flow rate						
Single-phase	Three-phase	kW	HP		0	1.5	3.0	4.5	6.0	7.5	9.0
4SR6m/4	4SR6/4	0.55	0.75	H metres	0	25	50	75	100	125	150
4SR6m/6	4SR6/6	0.75	1		27	26	24	22	19	15	11
4SR6m/9	4SR6/9	1.1	1.5		40	38	36	33	29	24	17
4SR6m/13	4SR6/13	1.5	2		61	58	54	50	44	35	26
4SR6m/17	4SR6/17	2.2	3		87	83	78	71	61	49	35
—	4SR6/23	3	4		114	107	100	91	79	62	45
—	4SR6/31	4	5.5		154	148	138	128	112	92	67
—	4SR6/42	5.5	7.5		210	200	186	170	149	121	86
—	4SR6/56	7.5	10		285	276	258	240	212	170	124
—	4SR6/56	7.5	10		380	365	340	315	280	233	173

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR8

CURVES AND PERFORMANCE DATA AT n= 2900 1/min



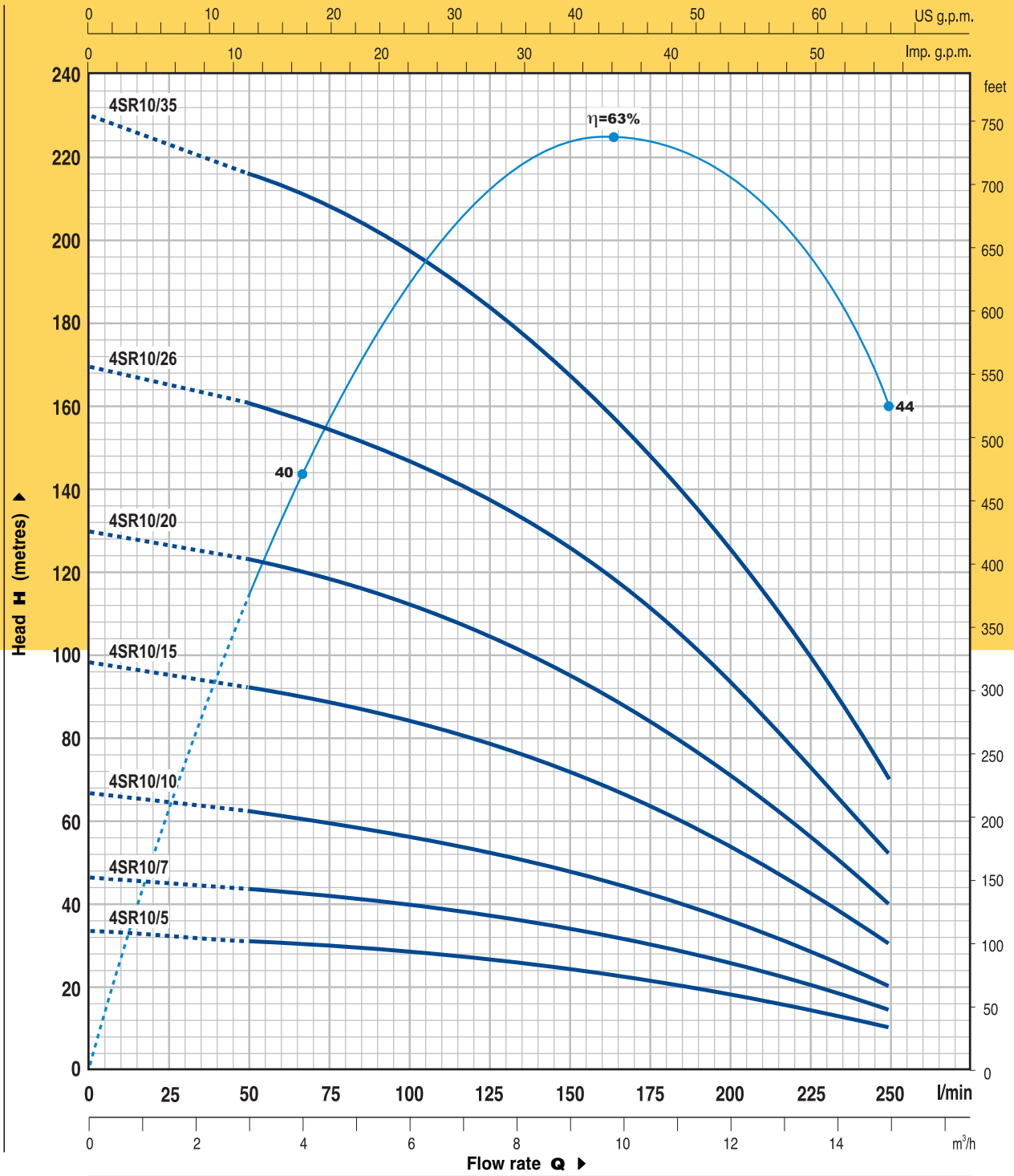
TYPE		POWER		Q	Flow rate											
Single-phase	Three-phase	kW	HP		m³/h	0	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0	
4SR8m/4	4SR8/4	0.75	1	H metres	0	40	60	80	100	120	140	160	180	200		
4SR8m/7	4SR8/7	1.1	1.5		27	26	25	24	23	22	20	17	13	10		
4SR8m/9	4SR8/9	1.5	2		47	46	45	43	41	38	34	29	23	16		
4SR8m/13	4SR8/13	2.2	3		60	58	57	55	52	48	43	37	30	21		
—	4SR8/17	3	4		87	85	83	80	76	70	63	54	43	30		
—	4SR8/23	4	5.5		112	110	108	104	99	92	82	70	56	40		
—	4SR8/31	5.5	7.5		153	150	146	141	134	124	111	95	76	53		
—	4SR8/42	7.5	10		205	200	196	190	181	167	149	128	103	72		
					280	272	266	257	244	225	202	175	140	98		

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR10

CURVES AND PERFORMANCE DATA AT n= 2900 1/min



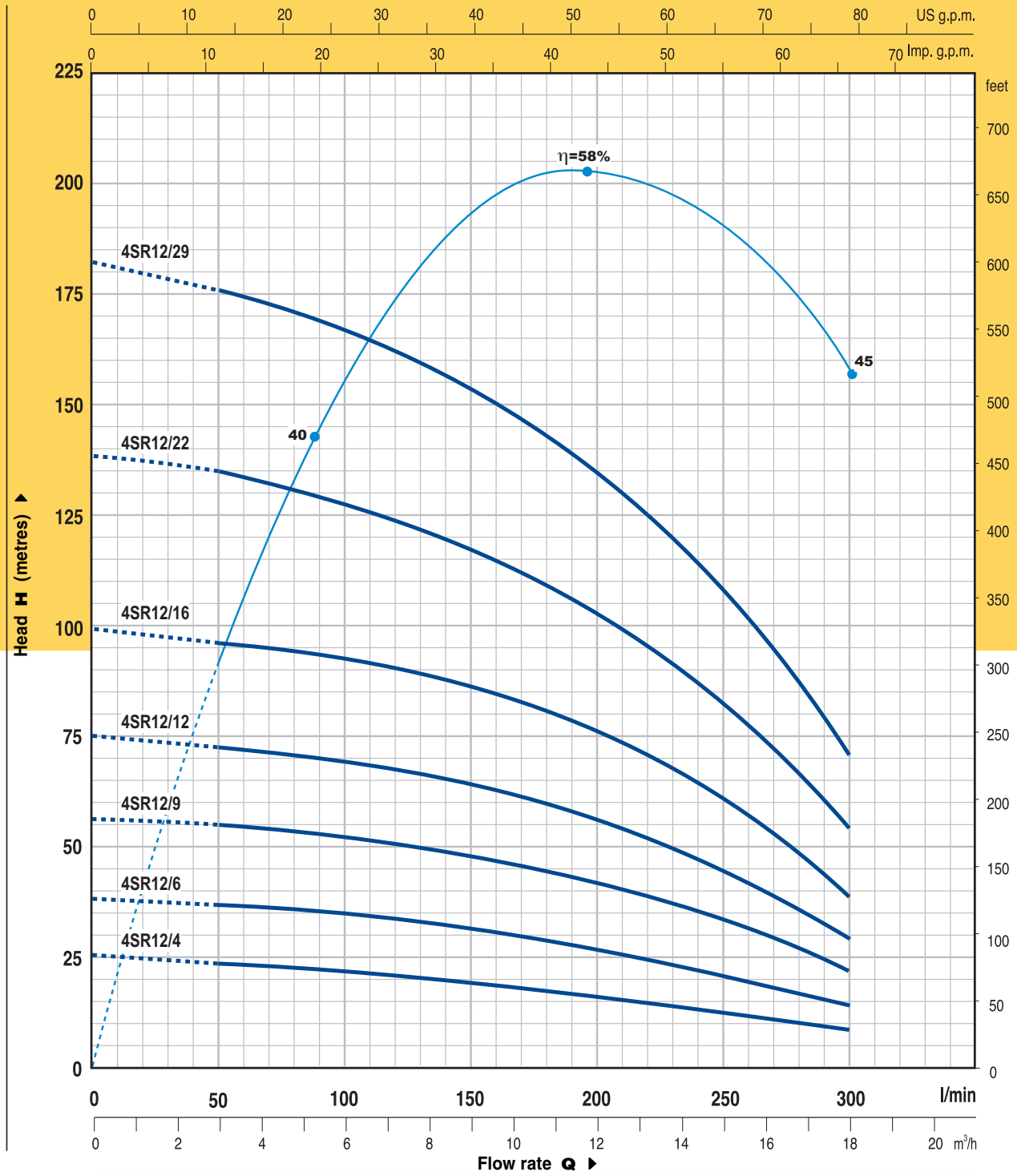
TYPE		POWER		Q	Flow rate										
Single-phase	Three-phase	kW	HP		m ³ /h	0	3.0	4.5	6.0	7.5	9.0	10.5	12	13.5	15.0
4SR10m/5	4SR10/5	1.1	1.5	H metres	0	50	75	100	125	150	175	200	225	250	
4SR10m/7	4SR10/7	1.5	2		33	31	30	28	26	24	21	18	14	10	
4SR10m/10	4SR10/10	2.2	3		46	43	41	39	37	34	30	25	20	15	
—	4SR10/15	3	4		66	62	59	56	53	48	42	36	28	20	
—	4SR10/20	4	5.5		98	92	88	84	79	72	64	53	42	30	
—	4SR10/26	5.5	7.5		130	123	118	112	106	96	85	71	56	40	
—	4SR10/35	7.5	10		170	160	154	147	138	126	110	94	72	52	
—	—	—	—		230	216	208	197	184	168	148	126	100	70	

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR12

CURVES AND PERFORMANCE DATA AT n= 2900 1/min



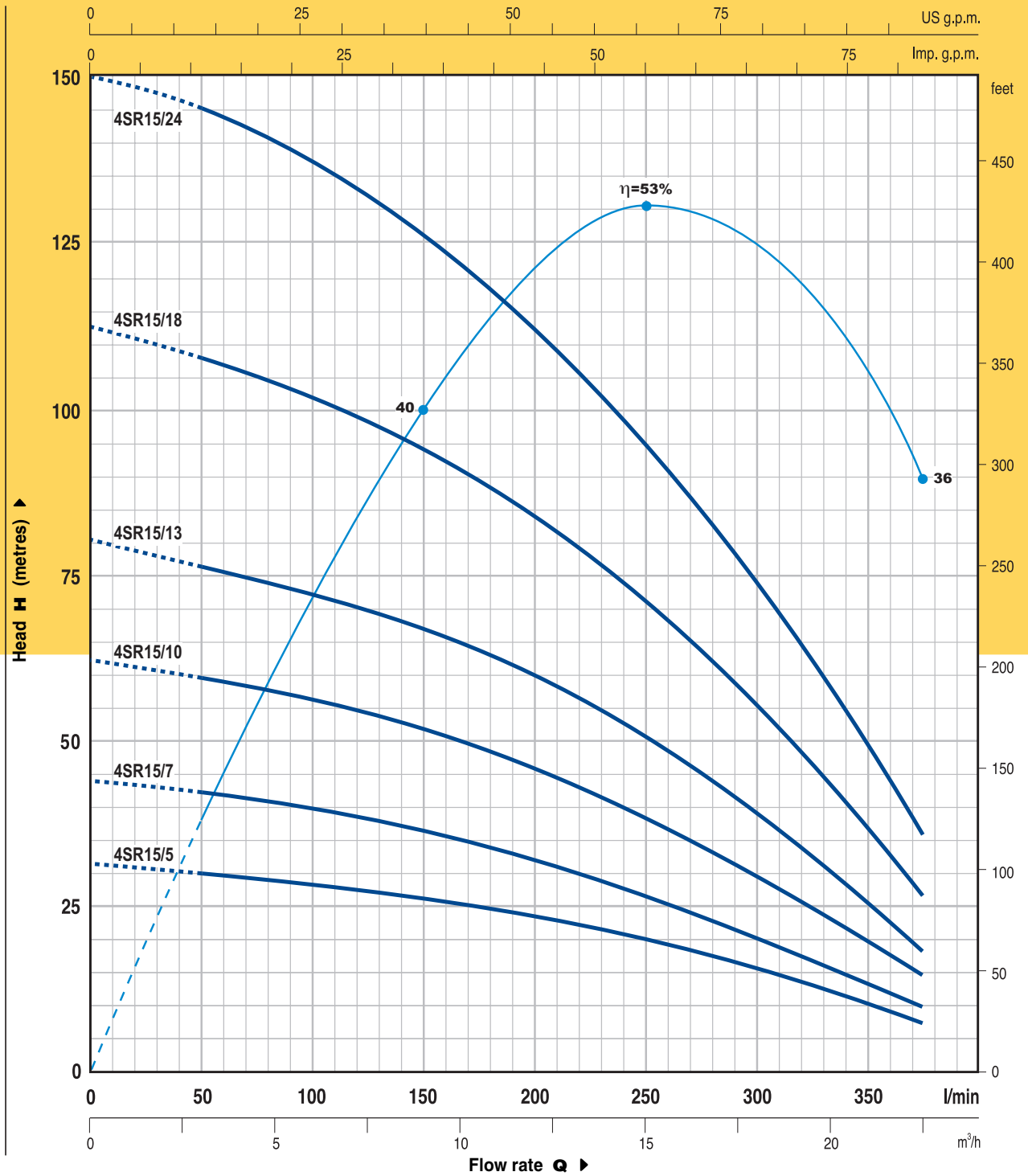
TYPE		POWER		Q	m³/h										
Single-phase	Three-phase	kW	HP		0	3.0	6.0	9.0	12.0	13.2	14.4	15.6	16.8	18.0	
4SR12m/4	4SR12/4	1.1	1.5	H metres	0	50	100	150	200	220	240	260	280	300	
4SR12m/6	4SR12/6	1.5	2		25	24	22	19	16	15	14	12	11	8	
4SR12m/9	4SR12/9	2.2	3		38	37	35	32	28	26	24	21	18	14	
—	4SR12/12	3	4		56	55	52	48	42	39	36	32	27	22	
—	4SR12/16	4	5.5		75	73	69	64	56	52	48	43	36	29	
—	4SR12/22	5.5	7.5		100	97	93	86	75	70	64	57	48	38	
—	4SR12/29	7.5	10		138	135	127	118	103	96	88	78	66	53	
					182	176	167	155	135	126	116	103	88	71	

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR15

CURVES AND PERFORMANCE DATA AT n= 2900 1/min

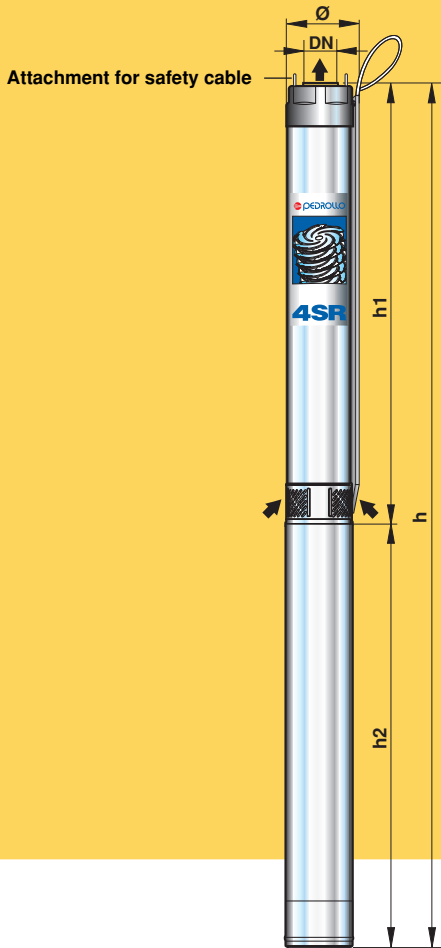


TYPE		POWER		Q	H metres									
Single-phase	Three-phase	kW	HP		0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	22.5	
				l/min	0	50	100	150	200	250	300	350	375	
4SR15m/5	4SR15/5	1.5	2	H metres	31	30	28	26	23	20	15	10	7.5	
4SR15m/7	4SR15/7	2.2	3		44	42	40	37	32	27	20	13	10	
—	4SR15/10	3	4		62	60	57	52	46	38	30	20	15	
—	4SR15/13	4	5.5		80	77	72	68	60	50	40	25	19	
—	4SR15/18	5.5	7.5		112	108	102	95	85	71	55	37	27	
—	4SR15/24	7.5	10		150	145	138	126	112	95	75	50	36	

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

4SR 4" submersible pumps with PEDROLLO motors

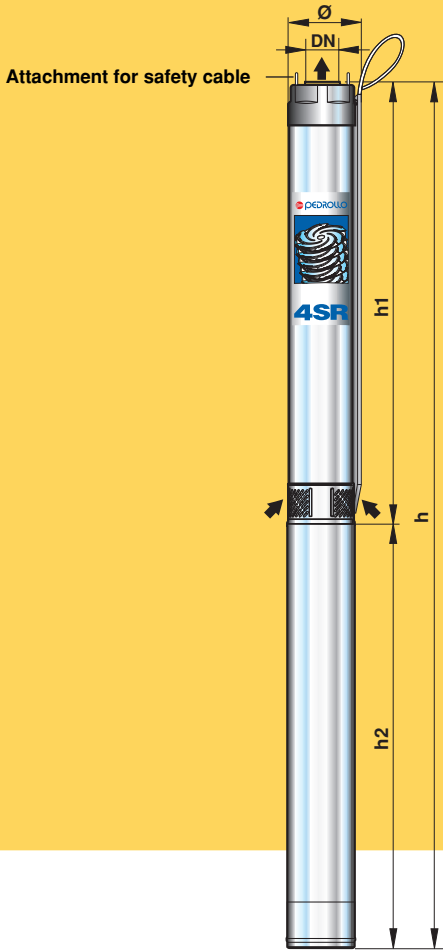


DIMENSIONS AND WEIGHTS

TYPE Single-phase	PORT DN	Ø	DIMENSIONS mm			kg 1~
			h1	h2	h	
4SR1m/8 - PD	1 1/4"	98	310	294	604	9.3
4SR1m/13 - PD			402	294	696	11.1
4SR1m/18 - PD			519	319	838	13.3
4SR1m/25 - PD			648	344	992	15.8
4SR1m/35 - PD			858	404	1262	21.8
4SR1m/45 - PD			1065	454	1519	25.6
4SR1m/64 - PD			1516	600	2116	35.4
4SR1.5m/6 - PD			273	294	567	9.0
4SR1.5m/8 - PD			310	294	604	12.6
4SR1.5m/13 - PD			402	319	721	14.5
4SR1.5m/17 - PD			501	344	845	16.7
4SR1.5m/25 - PD			648	404	1052	20.0
4SR1.5m/32 - PD			802	454	1256	23.7
4SR1.5m/46 - PD			1134	600	1734	31.4
4SR2m/7 - PD			291	294	585	12.4
4SR2m/10 - PD			347	319	666	13.2
4SR2m/13 - PD			402	344	746	15.8
4SR2m/20 - PD			556	404	960	19.0
4SR2m/27 - PD			685	454	1139	22.6
4SR2m/39 - PD			931	600	1531	29.9
4SR4m/7 - PD			316	319	635	13.5
4SR4m/9 - PD			360	344	704	15.3
4SR4m/14 - PD			470	404	874	18.0
4SR4m/18 - PD			582	454	1036	21.3
4SR4m/26 - PD	758	600	1358	27.7		
4SR6m/4 - PD	2"	98	282	319	601	13.1
4SR6m/6 - PD			342	344	686	14.9
4SR6m/9 - PD			432	404	836	17.4
4SR6m/13 - PD			577	454	1031	20.8
4SR6m/17 - PD			696	600	1296	26.6
4SR8m/4 - PD			282	344	626	14.4
4SR8m/7 - PD			372	404	776	16.8
4SR8m/9 - PD			432	454	886	19.6
4SR8m/13 - PD			577	600	1177	25.5
4SR10m/5 - PD			417	404	821	17.1
4SR10m/7 - PD			519	454	973	20.1
4SR10m/10 - PD			710	600	1310	26.3
4SR12m/4 - PD			366	404	770	16.7
4SR12m/6 - PD			470	454	924	19.7
4SR12m/9 - PD			659	600	1259	25.9
4SR15m/5 - PD			422	454	876	19.2
4SR15m/7 - PD			526	600	1126	25.5

TYPE Three-phase	PORT DN	DIMENSIONS mm			kg 3~	
		Ø	h1	h2		h
4SR1/13 - PD	1 1/4"	98	402	294	696	11.1
4SR1/18 - PD			519	294	813	12.1
4SR1/25 - PD			648	319	967	14.7
4SR1/35 - PD			858	344	1202	19.4
4SR1/45 - PD			1065	404	1469	23.4
4SR1/64 - PD			1516	454	1970	30.7
4SR1.5/8 - PD			310	294	604	11.6
4SR1.5/13 - PD			402	294	696	13.5
4SR1.5/17 - PD			501	319	820	15.4
4SR1.5/25 - PD			648	344	992	18.3
4SR1.5/32 - PD			802	404	1206	21.5
4SR1.5/46 - PD			1134	454	1588	26.7
4SR1.5/60 - PD			1442	560	2002	32.4
4SR2/7 - PD			291	294	585	11.4
4SR2/10 - PD			347	294	641	12.9
4SR2/13 - PD			402	319	721	14.5
4SR2/20 - PD			556	344	900	17.3
4SR2/27 - PD			685	404	1089	20.4
4SR2/39 - PD			931	454	1385	25.2
4SR2/50 - PD			1208	560	1768	25.0
4SR2/70 - PD			1626	660	2286	25.0
4SR4/7 - PD			316	294	610	12.5
4SR4/9 - PD			360	319	679	14.0
4SR4/14 - PD			470	344	814	16.3
4SR4/18 - PD	582	404	986	19.1		
4SR4/26 - PD	758	454	1212	23.0		
4SR4/35 - PD	980	560	1540	26.8		
4SR4/46 - PD	1295	660	1955	33.9		
4SR4/60 - PD	1652	745	2397	41.5		
4SR4/78 - PD	2097	850	2947	56.8		
4SR6/4 - PD	2"	98	282	294	576	12.1
4SR6/6 - PD			342	319	661	13.6
4SR6/9 - PD			432	344	776	15.7
4SR6/13 - PD			577	404	981	18.6
4SR6/17 - PD			696	454	1150	21.9
4SR6/23 - PD			901	560	1461	25.3
4SR6/31 - PD			1165	660	1825	33.6
4SR6/42 - PD			1519	745	2264	38.1
4SR6/56 - PD			2063	850	2913	47.0
4SR8/4 - PD			282	319	601	13.1
4SR8/7 - PD			372	344	716	15.1
4SR8/9 - PD			432	404	836	17.4
4SR8/13 - PD			577	454	1031	20.8
4SR8/17 - PD			696	560	1256	23.4
4SR8/23 - PD			901	660	1561	24.5
4SR8/31 - PD			1165	745	1910	37.2
4SR8/42 - PD			1519	850	2369	44.2
4SR10/5 - PD			417	344	761	15.4
4SR10/7 - PD			519	404	923	17.9
4SR10/10 - PD			710	454	1164	21.6
4SR10/15 - PD			1002	560	1562	25.6
4SR10/20 - PD			1257	660	1917	33.9
4SR10/26 - PD			1600	745	2345	38.1
4SR10/35 - PD			2096	850	2946	53.0
4SR12/4 - PD	366	344	710	15.0		
4SR12/6 - PD	470	404	874	17.5		
4SR12/9 - PD	659	454	1113	21.2		
4SR12/12 - PD	811	560	1371	24.1		
4SR12/16 - PD	1053	660	1713	33.2		
4SR12/22 - PD	1358	745	2103	38.4		
4SR12/29 - PD	1752	850	2602	46.5		
4SR15/5 - PD	422	404	826	17.0		
4SR15/7 - PD	526	454	980	20.8		
4SR15/10 - PD	720	560	1280	23.1		
4SR15/13 - PD	875	660	1535	30.0		
4SR15/18 - PD	1173	745	1918	36.5		
4SR15/24 - PD	1522	850	2372	43.0		

4SR 4" submersible pumps with FRANKLIN ELECTRIC® motors

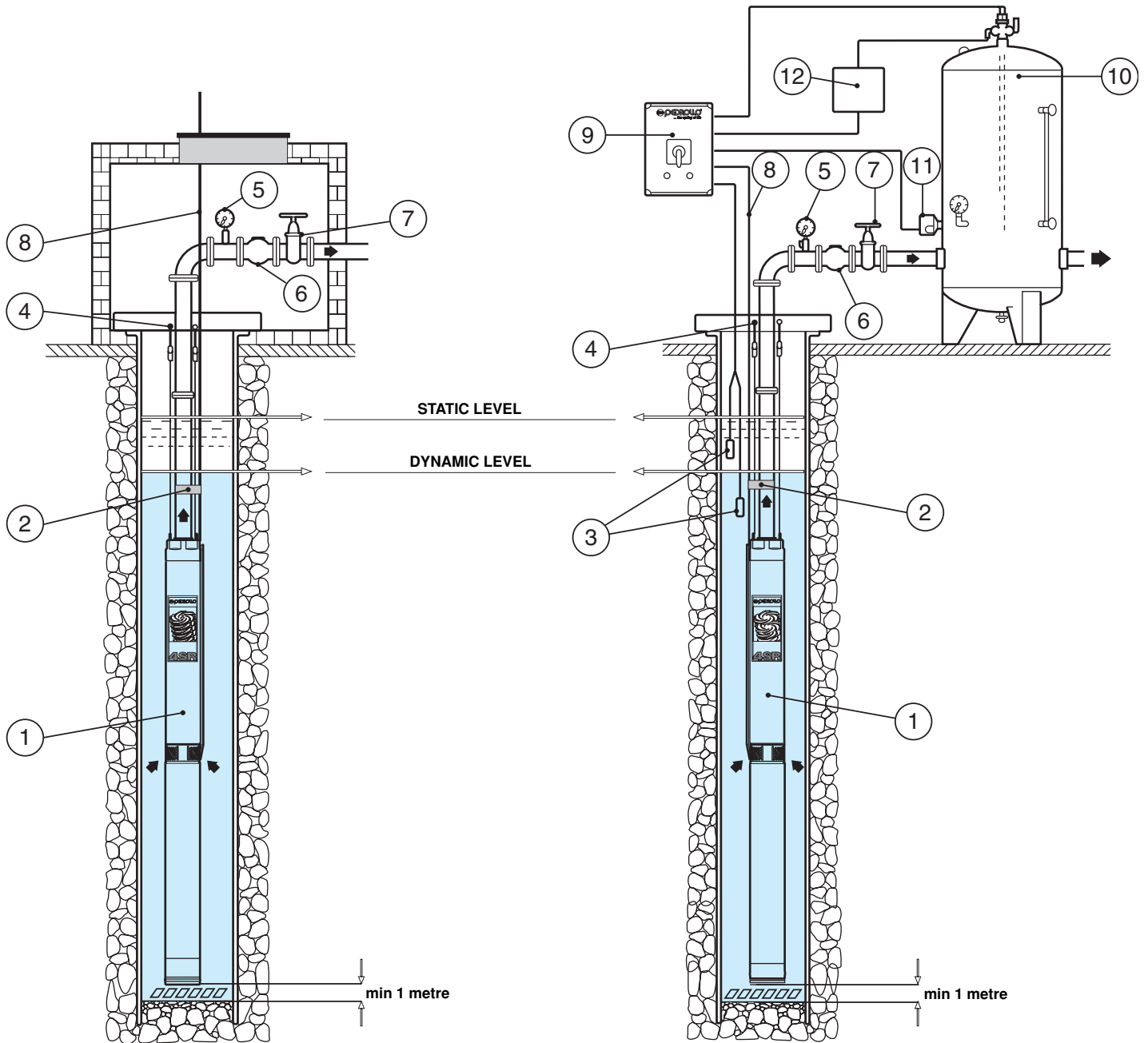


DIMENSIONS AND WEIGHTS

TYPE Single-phase	PORT DN	Ø	DIMENSIONS mm			kg 1~
			h1	h2	h	
4SR1m/8 - FK	1 1/4"	98	310	223	533	11.2
4SR1m/13 - FK			402	242	644	13.0
4SR1m/18 - FK			519	271	790	15.3
4SR1m/25 - FK			648	299	947	18.1
4SR1m/35 - FK			858	327	1185	23.0
4SR1m/45 - FK			1065	356	1421	25.9
4SR1m/64 - FK			1516	461	1977	35.6
4SR1.5m/6 - FK			273	223	496	10.9
4SR1.5m/8 - FK			310	242	552	12.1
4SR1.5m/13 - FK			402	271	673	14.2
4SR1.5m/17 - FK			501	299	800	16.6
4SR1.5m/25 - FK			648	327	975	19.9
4SR1.5m/32 - FK			802	356	1158	23.3
4SR1.5m/46 - FK			1134	461	1595	31.6
4SR2m/7 - FK			291	242	533	11.9
4SR2m/10 - FK			347	271	618	13.6
4SR2m/13 - FK			402	299	701	15.7
4SR2m/20 - FK			556	327	883	19.8
4SR2m/27 - FK			685	356	1041	21.5
4SR2m/39 - FK			931	461	1392	28.9
4SR4m/7 - FK	2"	98	316	271	587	13.2
4SR4m/9 - FK			360	299	659	15.2
4SR4m/14 - FK			470	327	797	18.8
4SR4m/18 - FK			582	356	938	20.9
4SR4m/26 - FK			758	461	1219	26.7
4SR6m/4 - FK			282	271	553	12.8
4SR6m/6 - FK			342	299	641	14.8
4SR6m/9 - FK			432	327	759	18.2
4SR6m/13 - FK			577	356	933	20.4
4SR6m/17 - FK			696	461	1157	25.6
4SR8m/4 - FK	2"	98	282	299	581	14.3
4SR8m/7 - FK			372	327	699	17.6
4SR8m/9 - FK			432	356	788	19.2
4SR8m/13 - FK			577	461	1038	25.6
4SR10m/5 - FK			417	327	744	17.9
4SR10m/7 - FK			519	356	875	19.7
4SR10m/10 - FK			710	461	1171	25.3
4SR12m/4 - FK			366	327	693	17.5
4SR12m/6 - FK			470	356	826	19.3
4SR12m/9 - FK			659	461	1120	24.9
4SR15m/5 - FK	2"	98	422	356	778	18.8
4SR15m/7 - FK			526	461	987	23.8

TYPE Trefazor	PORT DN	Ø	DIMENSIONS mm			kg 3~
			h1	h2	h	
4SR1/13 - FK	1 1/4"	98	402	223	625	11.7
4SR1/18 - FK			519	242	761	13.6
4SR1/25 - FK			648	271	919	16.2
4SR1/35 - FK			858	299	1157	21.2
4SR1/45 - FK			1065	327	1392	24.0
4SR1/64 - FK			1516	356	1872	30.5
4SR1.5/8 - FK			310	223	533	11.3
4SR1.5/13 - FK			402	242	644	13.0
4SR1.5/17 - FK			501	271	772	15.2
4SR1.5/25 - FK			648	299	947	18.3
4SR1.5/32 - FK			802	327	1129	20.9
4SR1.5/46 - FK			1134	356	1490	26.5
4SR1.5/60 - FK			1442	423	1865	32.8
4SR2/7 - FK			291	223	514	11.1
4SR2/10 - FK			347	242	589	12.5
4SR2/13 - FK			402	271	673	14.3
4SR2/20 - FK			556	299	855	17.2
4SR2/27 - FK			685	327	1012	20.4
4SR2/39 - FK			931	356	1287	23.8
4SR2/50 - FK			1208	423	1631	22.8
4SR2/70 - FK	1626	584	2210	22.8		
4SR4/7 - FK	2"	98	316	242	558	12.1
4SR4/9 - FK			360	271	631	13.8
4SR4/14 - FK			470	299	769	16.2
4SR4/18 - FK			582	327	909	18.5
4SR4/26 - FK			758	356	1114	21.6
4SR4/35 - FK			980	423	1403	26.9
4SR4/46 - FK			1295	584	1879	36.5
4SR4/60 - FK			1652	698	2350	45.8
4SR4/78 - FK			2097	774	2871	59.8
4SR6/4 - FK			282	242	524	11.6
4SR6/6 - FK	342	271	613	13.4		
4SR6/9 - FK	432	299	731	15.5		
4SR6/13 - FK	577	327	904	18.0		
4SR6/17 - FK	696	356	1052	20.5		
4SR6/23 - FK	901	423	1324	25.4		
4SR6/31 - FK	1165	584	1749	33.4		
4SR6/42 - FK	1519	698	2217	42.5		
4SR6/56 - FK	2063	774	2837	47.2		
4SR8/4 - FK	2"	98	282	271	553	12.9
4SR8/7 - FK			372	299	671	15.0
4SR8/9 - FK			432	327	759	16.8
4SR8/13 - FK			577	356	933	19.4
4SR8/17 - FK			696	423	1119	23.5
4SR8/23 - FK			901	584	1485	31.0
4SR8/31 - FK			1165	698	1863	38.9
4SR8/42 - FK			1519	774	2293	47.2
4SR10/5 - FK			417	299	716	15.2
4SR10/7 - FK			519	327	846	17.3
4SR10/10 - FK	710	356	1066	20.2		
4SR10/15 - FK	1002	423	1425	25.7		
4SR10/20 - FK	1257	584	1841	33.7		
4SR10/26 - FK	1600	698	2298	42.5		
4SR10/35 - FK	2096	774	2870	56.0		
4SR12/4 - FK	2"	98	366	299	665	14.8
4SR12/6 - FK			470	327	797	16.9
4SR12/9 - FK			659	356	1015	19.8
4SR12/12 - FK			811	423	1234	24.2
4SR12/16 - FK			1053	584	1637	31.8
4SR12/22 - FK			1358	698	2056	40.1
4SR12/29 - FK			1752	774	2526	48.4
4SR15/5 - FK			422	327	749	16.4
4SR15/7 - FK			526	356	882	18.7
4SR15/10 - FK			720	423	1143	23.2
4SR15/13 - FK	875	584	1459	30.2		
4SR15/18 - FK	1173	698	1871	38.2		
4SR15/24 - FK	1522	774	2296	46.0		

EXAMPLES OF INSTALLATION



- 1) 4SR submersible pump
- 2) Clamps for securing the power cable
- 3) Level control probes for dry run protection
- 4) Anchorage of the pump support cables to the cover of the borehole
- 5) Pressure gauge
- 6) Non return valve

- 7) Flow rate regulating gate valve
- 8) Electric power cable
- 9) Control panel with level probes
- 10) Pressure vessel
- 11) Pressure switch
- 12) Electrovalve/electrocompressor

4SR pumps may be installed in boreholes with a diameter not less than 4" (100 mm). The pump is lowered into the borehole by means of the delivery pipe to such a depth as to guarantee its complete immersion (min. 50 cm and at least one metre from the bottom of the borehole) even during operation, when a lowering of the level of liquid in the borehole may occur. When the pump is installed in a borehole, it is recommended to secure it with a stainless steel or nylon cable, connected to the holes provided on the delivery body.