

XRS

6" Stainless Steel Submersible Borehole Pumps

6XRS

Applications

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For garden use and irrigation

Operating conditions

- Maximum fluid temperature up to +50°C
- Maximum sand content: 0.25%
- Maximum immersion: 100 m
- Minimum well diameter: 6"

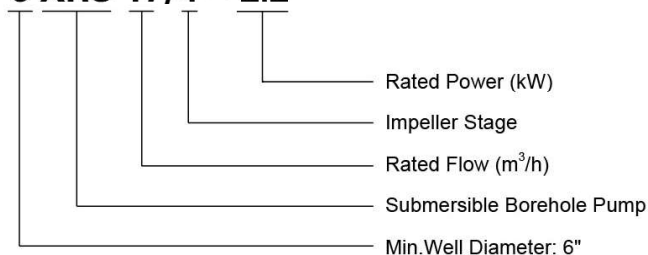
Motor and Pump

- Rewindable motor
- **Single-Phase:** 220 - 240V/50Hz
- **Three-Phase:** 380 - 415V/50Hz
 - ① Direct start (1 cable)
 - ② Star-delta start (2 cable)
- Start control box or digital auto-control box available on request
- **NEMA** dimension standards
- Curve tolerance according to ISO 9906

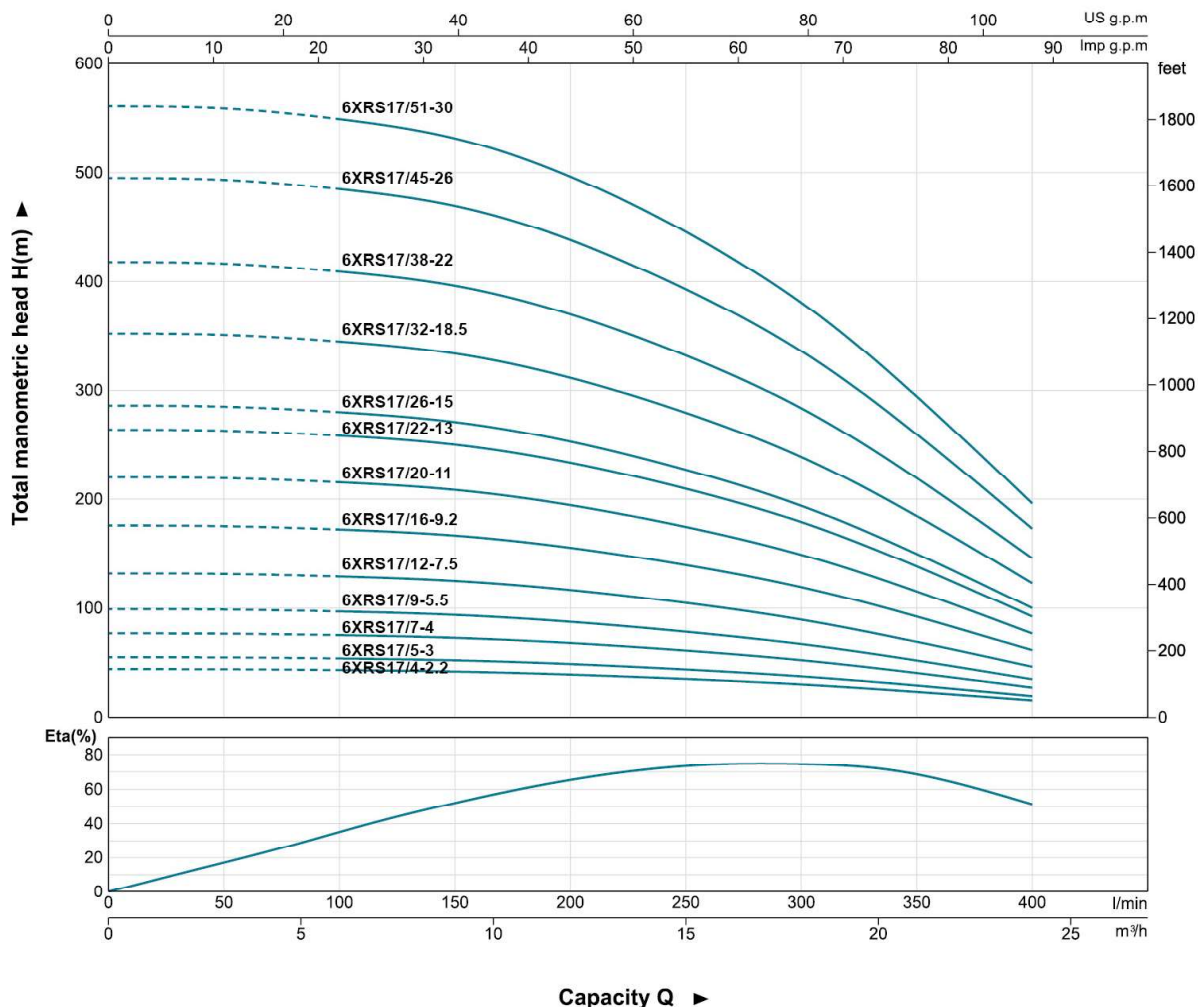


Components	Material
Delivery casing	AISI 304
Suction lantern	AISI 304
Diffuser	AISI 304
Impeller	AISI 304
Shaft	AISI 431
Shaft coupling	AISI 304
Wear ring	AISI 304
Motor external casing	AISI 201
Top chock	Cast-iron
Bottom support	Cast-iron
Seal	Special seal for deep well Graphite-Ceramic
Shaft	AISI 630+40Cr

6 XRS 17/4 - 2.2



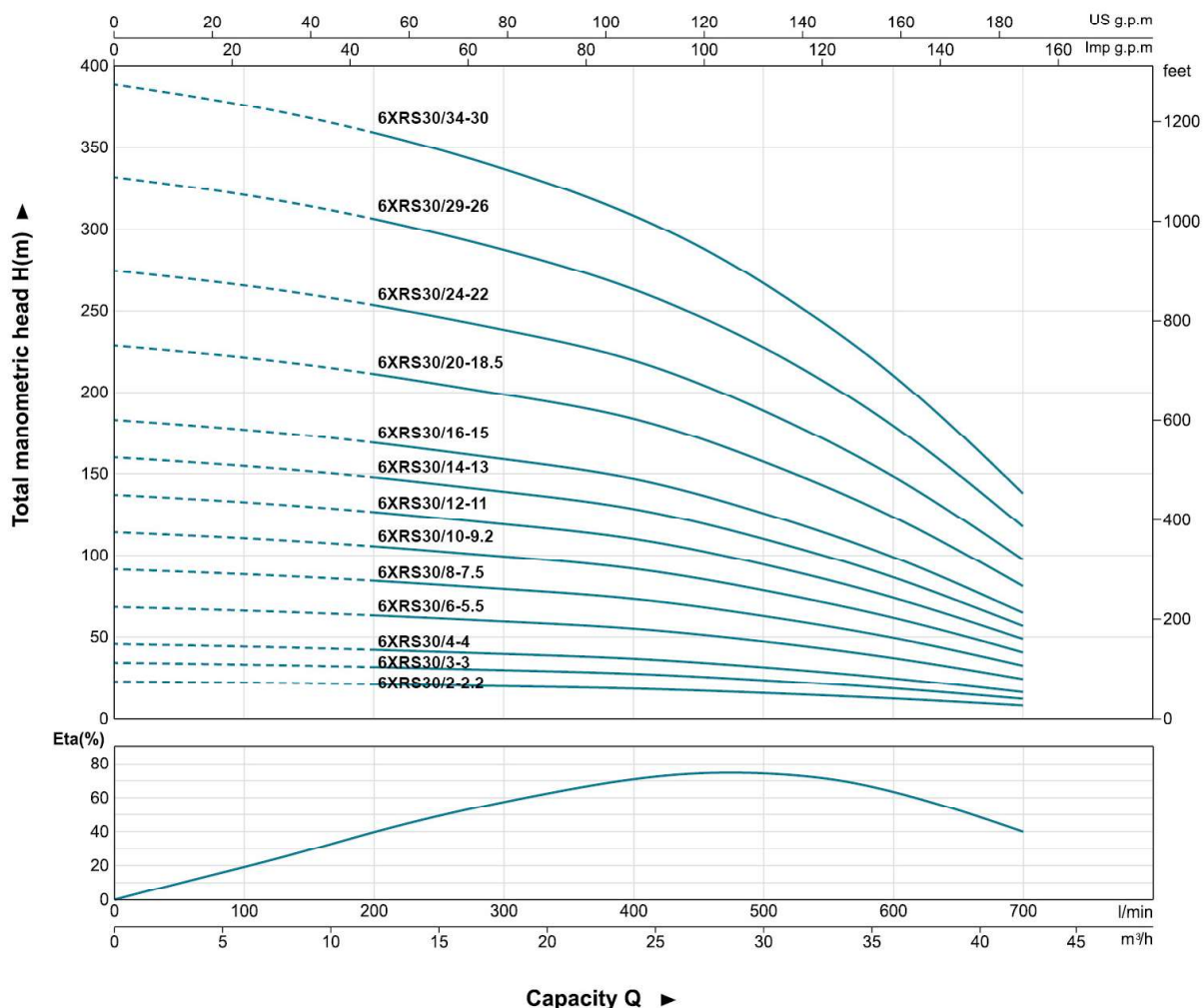
6XRS 17



Technical Data

MODEL	P ₂		DELIVERY										n≈2850 1/min			
	kW	HP	Q	m³/h	0	3	6	9	12	15	18	21	24			
				l/min	0	50	100	150	200	250	300	350	400			
6XRS17/4-2.2	2.2	3	H(m)		44	44	43	42	39	35	30	23	15			
6XRS17/5-3	3	4			55	55	54	52	49	44	37	29	19			
6XRS17/7-4	4	5.5			77	77	75	73	68	61	52	40	27			
6XRS17/9-5.5	5.5	7.5			99	99	97	94	88	79	67	52	35			
6XRS17/12-7.5	7.5	10			132	132	129	125	117	105	90	69	46			
6XRS17/16-9.2	9.2	12.5			176	175	172	167	156	140	120	92	61			
6XRS17/20-11	11	15			220	219	215	209	195	175	149	115	77			
6XRS17/22-13	13	17.5			264	263	258	250	233	209	179	138	92			
6XRS17/26-15	15	20			286	285	280	271	253	227	194	150	100			
6XRS17/32-18.5	18.5	25			352	351	344	334	311	279	239	184	123			
6XRS17/38-22	22	30			418	417	409	396	370	332	284	219	146			
6XRS17/45-26	26	35			495	493	484	469	438	393	336	259	173			
6XRS17/51-30	30	40			561	559	549	532	496	445	381	294	196			

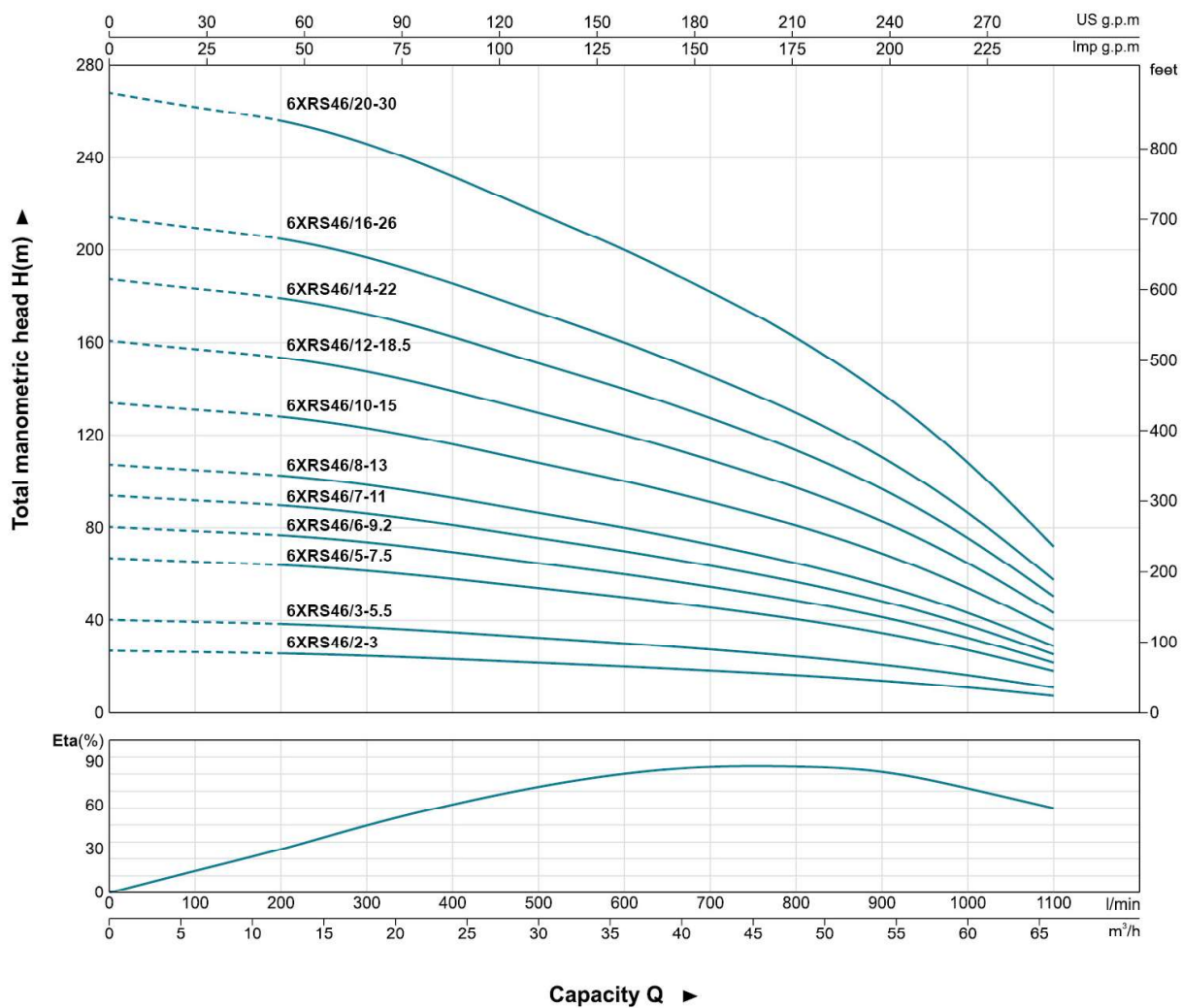
6XRS 30



Technical Data

MODEL	P ₂		DELIVERY									n≈2850 1/min
	kW	HP	Q	m³/h	0	6	12	18	24	30	36	42
				l/min	0	100	200	300	400	500	600	700
6XRS30/2-2.2	2.2	3	H(m)	23	22	21	20	18	16	12	8	
6XRS30/3-3	3	4		34	33	32	30	28	24	19	12	
6XRS30/4-4	4	5.5		46	44	42	40	37	32	25	16	
6XRS30/6-5.5	5.5	7.5		69	66	63	60	55	47	37	24	
6XRS30/8-7.5	7.5	10		92	89	85	80	74	63	50	33	
6XRS30/10-9.2	9.2	12.5		114	111	106	99	92	79	62	41	
6XRS30/12-11	11	15		137	133	127	119	110	95	74	49	
6XRS30/14-13	13	17.5		160	155	148	139	129	110	87	57	
6XRS30/16-15	15	20		183	177	169	159	147	126	99	65	
6XRS30/20-18.5	18.5	25		229	221	211	199	184	158	124	81	
6XRS30/24-22	22	30		275	266	254	239	221	189	149	98	
6XRS30/29-26	26	35		332	321	306	288	266	228	179	118	
6XRS30/34-30	30	40		389	376	359	338	312	268	210	138	

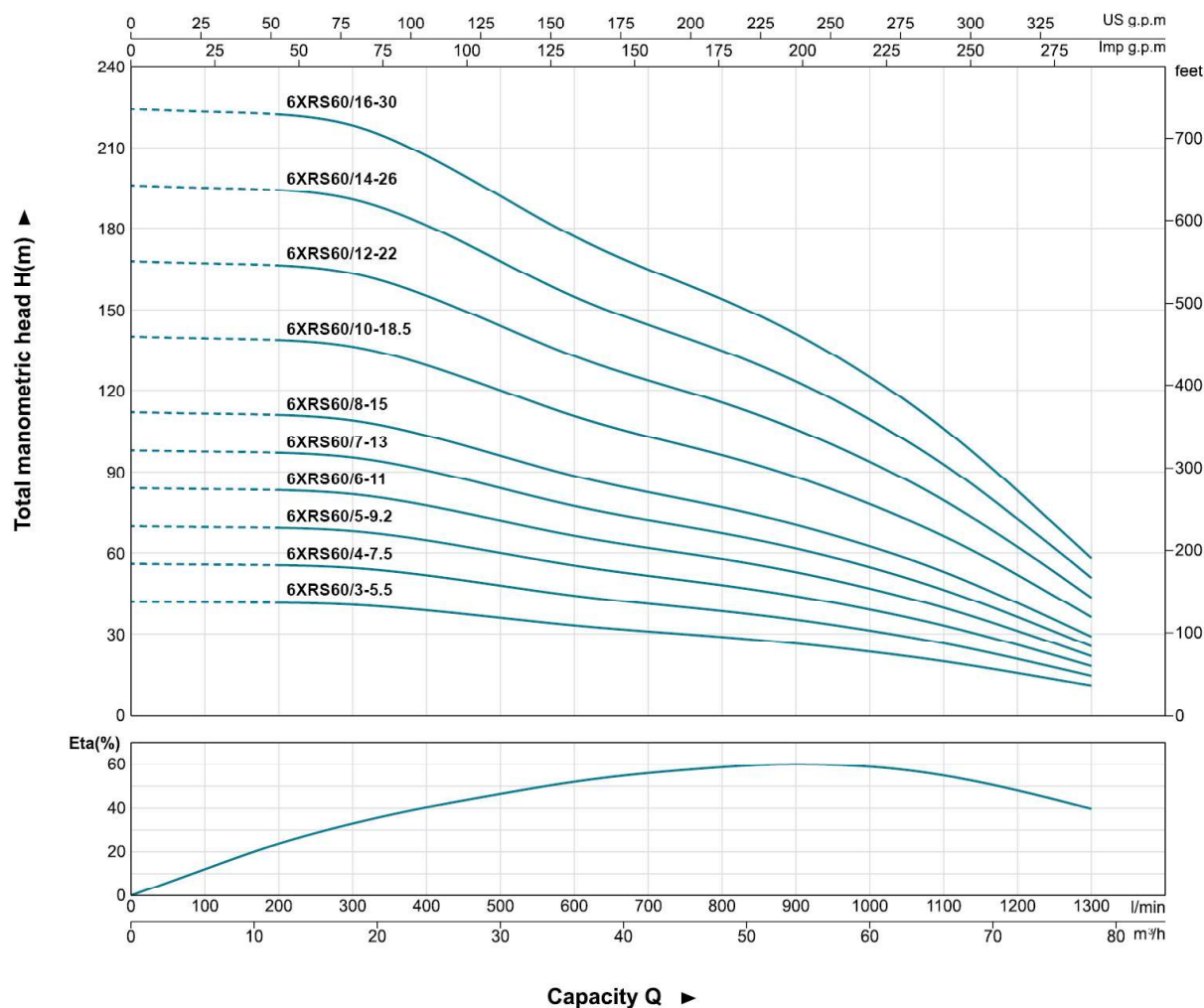
6XRS 46



Technical Data

MODEL	P ₂		DELIVERY														n≈2850 1/min					
	kW	HP	Q	m³/h	0	6	12	18	24	30	36	42	48	54	60	66						
				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100						
6XRS46/2-3	3	4	H(m)	27	26	26	25	23	22	20	18	16	14	11	7							
6XRS46/3-5.5	5.5	7.5		40	39	38	37	35	32	30	27	24	21	16	11							
6XRS46/5-7.5	7.5	10		67	66	64	62	58	54	50	46	41	35	27	18							
6XRS46/6-9.2	9.2	12.5		80	79	77	74	70	65	60	55	49	41	32	22							
6XRS46/7-11	11	15		94	92	90	86	81	76	70	64	57	48	38	25							
6XRS46/8-13	13	17.5		107	105	102	98	93	86	80	73	65	55	43	29							
6XRS46/10-15	15	20		134	131	128	123	116	108	100	91	81	69	54	36							
6XRS46/12-18.5	18.5	25		161	157	154	148	139	130	120	109	97	83	65	43							
6XRS46/14-22	22	30		188	183	179	172	162	151	140	127	113	97	76	50							
6XRS46/16-26	26	35		214	210	205	197	186	173	160	146	130	110	86	58							
6XRS46/20-30	30	40		268	262	256	246	232	216	200	182	162	138	108	72							

6XRS 60



Technical Data

MODEL	P ₂		Q	DELIVERY												n≈2850 1/min					
	kW	HP		m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72	78			
					0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300			
6XRS60/3-5.5	5.5	7.5	H(m)	42	42	42	41	39	36	33	31	29	26	23	20	16	11				
6XRS60/4-7.5	7.5	10		56	56	55	55	52	48	44	41	38	35	31	26	21	15				
6XRS60/5-9.2	9.2	12.5		70	70	69	68	65	60	55	52	48	44	39	33	26	18				
6XRS60/6-11	11	15		84	84	83	82	78	72	66	62	58	53	47	40	31	22				
6XRS60/7-13	13	17.5		98	98	97	95	91	84	77	72	67	62	55	46	36	25				
6XRS60/8-15	15	20		112	112	111	109	104	96	89	83	77	71	63	53	42	29				
6XRS60/10-18.5	18.5	25		140	139	139	136	129	120	111	103	96	88	78	66	52	36				
6XRS60/12-22	22	30		168	167	167	164	155	144	133	124	116	106	94	80	62	44				
6XRS60/14-26	26	35		196	195	194	191	181	168	155	144	135	123	109	93	73	51				
6XRS60/16-30	30	40		224	223	222	218	207	192	177	165	154	141	125	106	83	58				

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(τ)	T(τ)	P	M(τ)	T(τ)
6XRS17/4-2.2	3"	4"	514	539	1053	8.7	34.1	42.8
6XRS17/5-3	3"	4"	575	579	1154	10.0	38.4	48.4
6XRS17/7-4	3"	4"	696	609	1305	12.6	44.5	57.1
6XRS17/9-5.5	3"	4"	817	654	1471	15.2	49.4	64.6
6XRS17/12-7.5	3"	4"	998	709	1707	19.1	52.2	71.3
6XRS17/16-9.2	3"	4"	1240	789	2029	24.3	64.3	88.6
6XRS17/20-11	3"	4"	1482	829	2311	29.5	67.8	97.3
6XRS17/22-13	3"	4"	1742	909	2651	34.7	73.9	108.6
6XRS17/26-15	3"	4"	1845	969	2814	37.3	80.5	117.8
6XRS17/32-18.5	3"	4"	2208	979	3187	45.1	90.1	135.2
6XRS17/38-22	3"	4"	2571	1054	3625	52.9	95.8	148.7
6XRS17/45-26	3"	4"	2995	1129	4124	62.0	104.2	166.2
6XRS17/51-30	3"	4"	3358	1204	4562	69.8	112.6	182.4

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(τ)	T(τ)	P	M(τ)	T(τ)
6XRS30/2-2.2	3"	4"	464	539	1003	7.1	34.1	41.2
6XRS30/3-3	3"	4"	560	579	1139	8.9	38.4	47.3
6XRS30/4-4	3"	4"	656	609	1265	10.7	44.5	55.2
6XRS30/6-5.5	3"	4"	848	654	1502	14.3	49.4	63.7
6XRS30/8-7.5	3"	4"	1040	709	1749	17.9	52.2	70.1
6XRS30/10-9.2	3"	4"	1232	789	2021	21.5	64.3	85.8
6XRS30/12-11	3"	4"	1424	829	2253	25.1	67.8	92.9
6XRS30/14-13	3"	4"	1616	909	2525	28.7	73.9	102.6
6XRS30/16-15	3"	4"	1808	969	2777	32.3	80.5	112.8
6XRS30/20-18.5	3"	4"	2192	979	3171	39.5	90.1	129.6
6XRS30/24-22	3"	4"	2576	1054	3630	46.7	95.8	142.5
6XRS30/29-26	3"	4"	3056	1129	4185	55.7	104.2	159.9
6XRS30/34-30	3"	4"	3536	1204	4740	64.7	112.6	177.3

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(τ)	T(τ)	P	M(τ)	T(τ)
6XRS46/2-3	4"	3"	498	579	1077	8.5	38.4	46.9
6XRS46/3-5.5	4"	3"	611	654	1265	11.0	49.4	60.4
6XRS46/5-7.5	4"	3"	837	709	1546	16.0	52.2	68.2
6XRS46/6-9.2	4"	3"	950	789	1739	18.5	64.3	82.8
6XRS46/7-11	4"	3"	1063	829	1892	21.0	67.8	88.8
6XRS46/8-13	4"	3"	1176	909	2085	23.5	73.9	97.4
6XRS46/10-15	4"	3"	1402	969	2371	28.5	80.5	109.0
6XRS46/12-18.5	4"	3"	1628	979	2607	33.5	90.1	123.6
6XRS46/14-22	4"	3"	1854	1054	2908	38.5	95.8	134.3
6XRS46/16-26	4"	3"	2080	1129	3209	43.5	104.2	147.7
6XRS46/20-30	4"	3"	2532	1204	3736	53.5	112.6	166.1

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(τ)	T(τ)	P	M(τ)	T(τ)
6XRS60/3-5.5	4"	3"	611	654	1265	14.0	49.4	63.4
6XRS60/4-7.5	4"	3"	724	709	1433	17.5	52.2	69.7
6XRS60/5-9.2	4"	3"	837	789	1626	21.0	64.3	85.3
6XRS60/6-11	4"	3"	950	829	1779	24.5	67.8	92.3
6XRS60/7-13	4"	3"	1063	909	1972	28.0	73.9	101.9
6XRS60/8-15	4"	3"	1176	969	2145	31.5	80.5	112.0
6XRS60/10-18.5	4"	3"	1402	979	2381	38.5	90.1	128.6
6XRS60/12-22	4"	3"	1628	1054	2682	45.5	95.8	141.3
6XRS60/14-26	4"	3"	1854	1129	2983	52.5	104.2	156.7
6XRS60/16-30	4"	3"	2080	1204	3284	59.5	112.6	172.1

