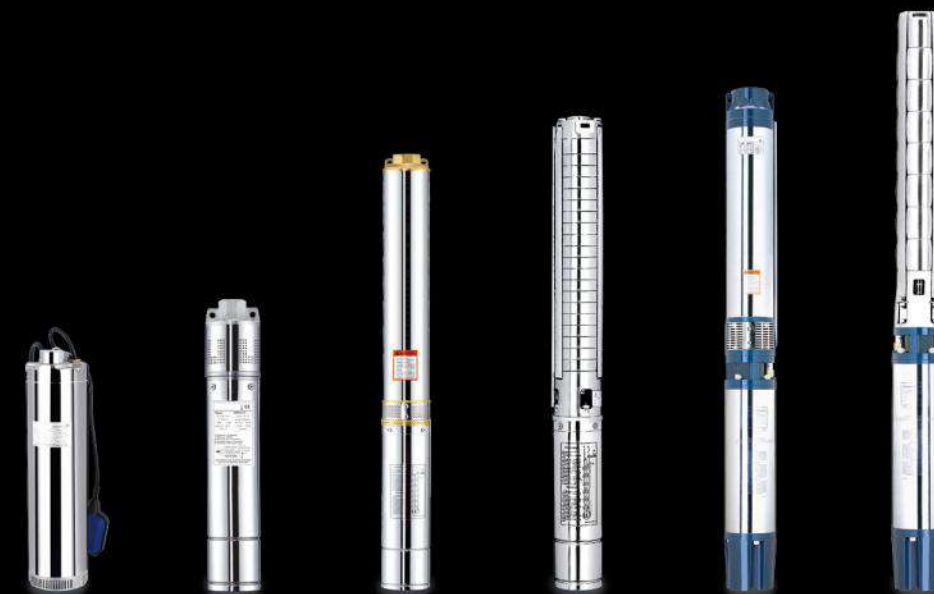


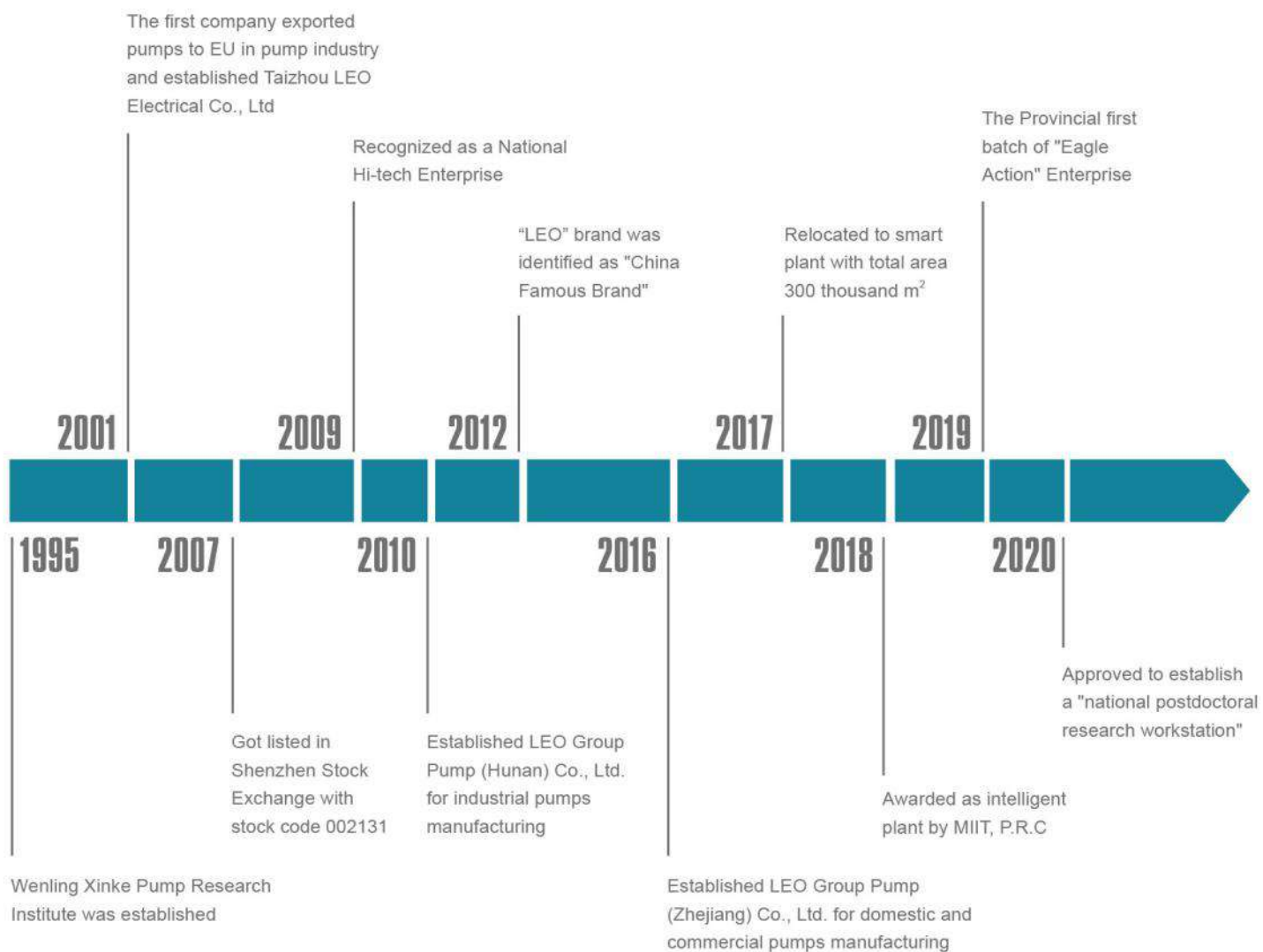
شرکت فن آوران تهویه پیام
نماینده رسمی و انحصاری فروش و خدمات پس از فروش محصولات لیو در ایران



Pumps

• Submersible Borehole Pump





TO KNOW LEO



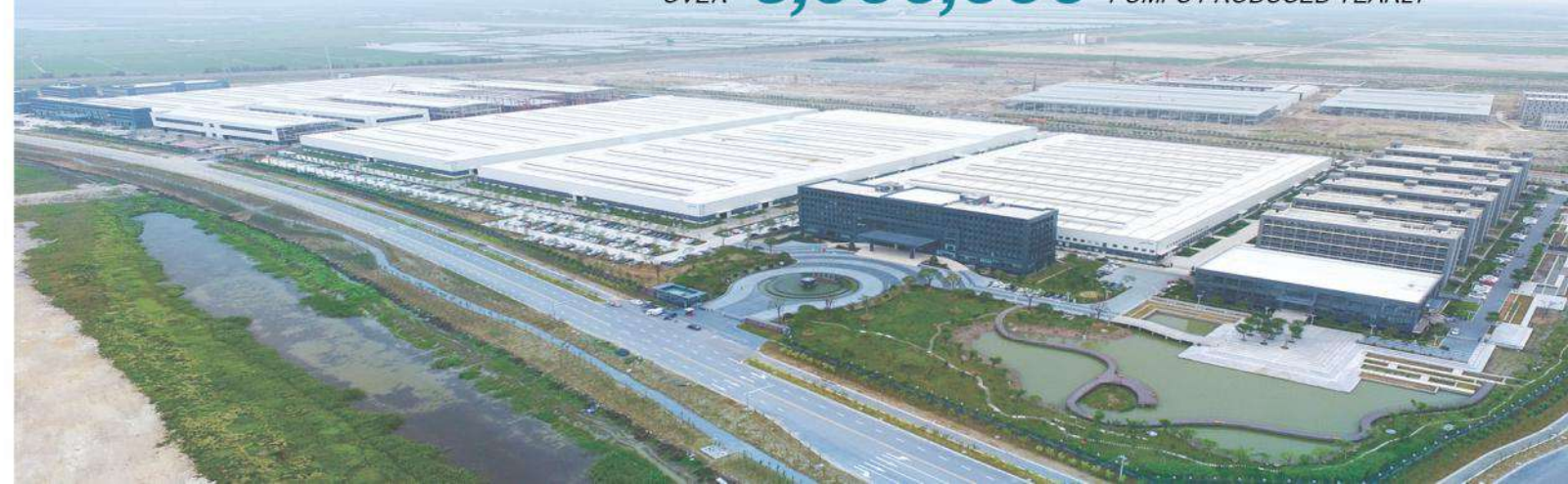
1st LISTED PUMP MANUFACTURER

850 ENGINEERS AND 4000 EMPLOYEES IN TOTAL

GLOBAL AUTHORIZED DISTRIBUTOR OVER 140 COUNTRIES AND REGIONS

MORE THAN 15,000 SALES OUTLETS SERVED OVER 500 MILLION USERS

OVER 6,000,000 PUMPS PRODUCED YEARLY



NUMEROUS MEMBERS, ONE FAMILY

Based on market segment, LEO's pump business is divided into 5 fields, namely water conservancy & water resources, power station, petrochemical industry, mining & metallurgical industry and civilian applications. For each field there's a professional manufacturing base with relevant professional sales teams. Two pump manufacturing bases, LEO Group Pump (Hunan) and Dalian LEO Pump are all well-known industrial pump manufacturers in their own fields. With over 70 years' industrial pump manufacturing experience and extraordinary comprehensive strength, LEO has become a leading company among all industrial pump manufacturers in China.

Pump Manufacturing Base for Domestic and Commercial Applications (Wenling City, Zhejiang Province)



Area: Around 246,666 m²

Product scope: Peripheral Pump, Jet Pump, Centrifugal Pump, Garden Submersible Pump, Fountain Pump, Pool Pump, Domestic Lifting Pump, Gasoline Engine Pump, Diesel Engine Pump, Submersible Pump, Submersible Borehole Pump, Submersible Sewage Pump, Stainless Steel Vertical Multistage Pump, etc.

Pump Manufacturing Base for General Industrial Pumps (Xiangtan City, Hunan Province)



Area: Around 92,635 m²

Product scope: Large Mixed Flow And Axial Flow Pump (Vertical, Horizontal, Oblique, Tubular, Submersible etc.), Double-Suction Centrifugal Pump, Multistage Centrifugal Pump, Slurry Pump, Desulphurization Pump And Submersible Centrifugal Pump. Products are mainly used in mine, metallurgy, coal washing, FGD, municipal water etc.

Pump Manufacturing Base for Petrochemical Industry (Dalian City, Liaoning Province)



Area: Around 10,000 m²

Product Scope: Petrochemical Pumps, specializes in R&D, design of pumps of petro chemistry, coal chemical industry, long-distance transport pipes, energy resources, fine chemicals industry, etc. Design and develop software and large laboratories, explore liquid transport schemes under severe conditions and solve the difficult projects of ultralow temperature, high temperature high pressure, low cavitation, highly corrosive, energy recovery, etc.



● Peripheral Pump



● Self-Priming Peripheral Pump



● Jet Pump



● Jet Pump for Deep Wells



● Centrifugal Pump



● Multistage Centrifugal Pump



● Self-Priming Centrifugal Pump



● Stainless Steel Multistage Centrifugal Pump



● Stainless Steel Centrifugal Pump



● Submersible Pump



● Stainless Steel Submersible Pump



● Flexible Shaft Pump



● Domestic Lifting Station



● Pool Pump



● Fountain Pump



● Garden Submersible Pump



● Garden Jet Pump



● Garden Pressure System



● Petrol Lawnmowers



● Gasoline Pressure Washers



● Booster Pump/Circulation Pump



● Wall-Mounted Gas Boiler Pump



● Stainless Steel Horizontal Multistage Pump



● Stainless Steel Horizontal Multistage Pump



● Semi-open Impeller Stainless Steel Centrifugal Pump



● Intelligent Pressure Booster System



● Permanent Magnet Intelligent Booster



● Standard Centrifugal Pump



● Stainless Steel Standard Centrifugal Pump



● Submersible Sewage Pump



● Submersible Sewage Pump



● Submersible Dewatering Pump



● Submersible Slurry Pump



● Vertical In-line Pump



● Stainless Steel Vertical Multistage Pump



● Pressure Booster System



● End Suction Centrifugal Pump



● Gasoline/Diesel Water Pump



● Generators



● Submersible Borehole Pump



● Solar Submersible Pump Systems



XR

Application

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

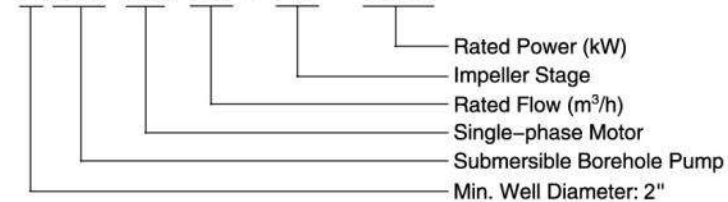
Operating conditions

- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 150 m
- Minimum well diameter: 2", 2.5", 3", 3.5", 4"

Motor and Pump

- Rewindable motor or full obturated screen motor
- **Three-Phase:** 380 - 415V/50Hz
- **Single-Phase:** 220 - 240V/50Hz
- Pumps are designed by casing stressed
- **NEMA** dimension standards
- Equip with start control box or digital auto-control

2 XR (m) 0.7 / 26 - 0.18



Components	Material
Pump external casing	AISI 201
Delivery casing	Cast-Cu
Suction lantern	Cast-Cu
Diffuser	PC
Impeller	POM
Pump shaft	AISI 401
Shaft coupling	AISI 205
Wear ring	AISI 201
Motor external casing	AISI304 (AISI410 for 4")
Top chock	Cast iron
Bottom support	AISI304 for 2", 2.5" AISI430 for 3", 3.5", 4"
Mechanical seal	Special seal for deep well Graphite-Ceramic
Pump shaft	AISI 630+40Cr
Seal lubricant oil	Oil for food mechnery and phamaceutic use



- Single phase
- 220V~240V/50Hz
- Power: 0.25~1.5kW



- Single phase
- 220V~240V/50Hz
- Power: 2.2kW, 3kW

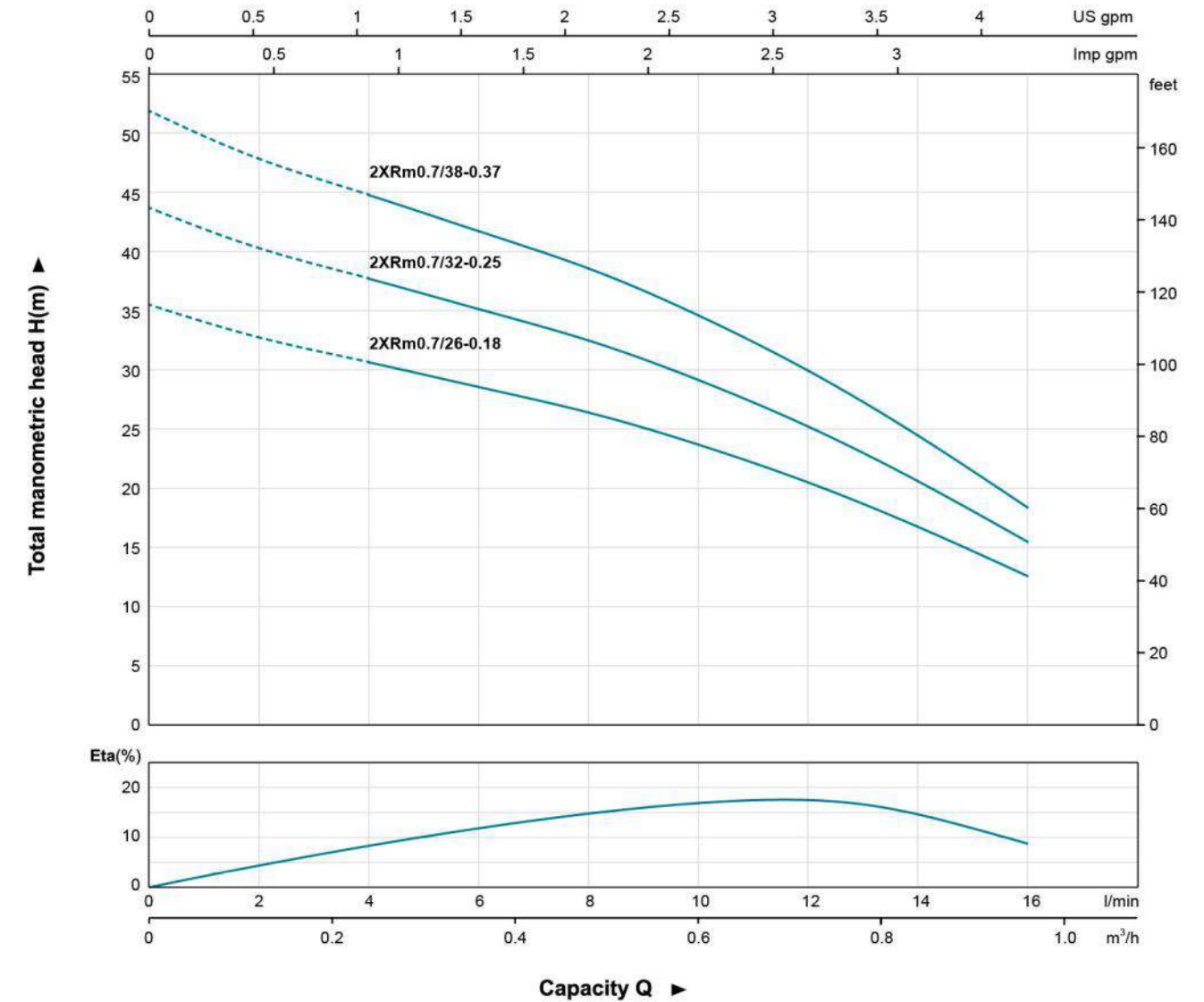


- Three phase
- 380V~415V/50Hz
- Power: 0.37~5.5kw



- Three phase
- 380V~415V/50Hz
- Power: 7kw, 7.5kw

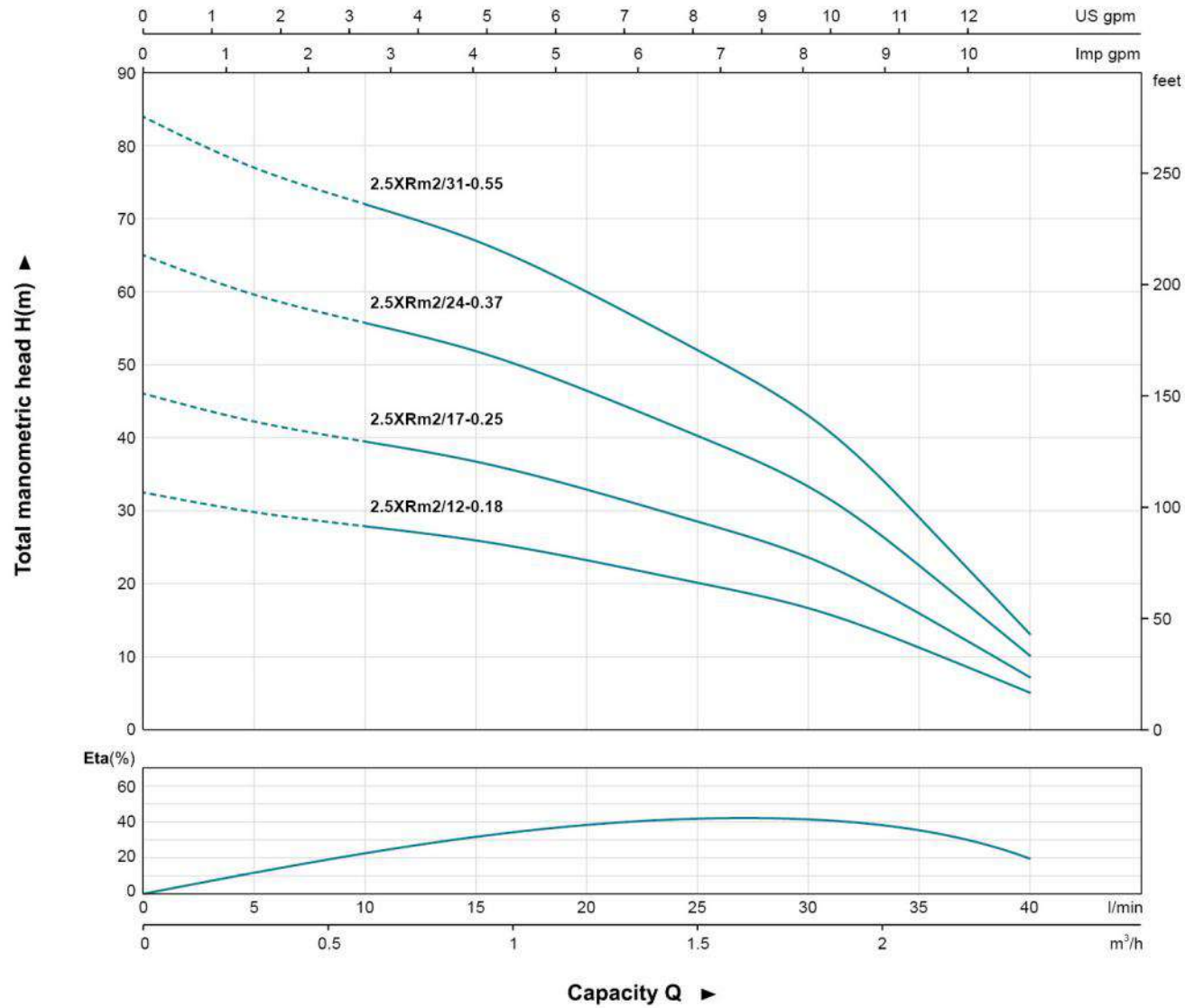
2XR 0.7



Technical Data

MODEL	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q	0	0.12	0.24	0.36	0.48	0.6	0.72	0.84	0.96	
			m³/h	0	2	4	6	8	10	12	14	16	
			l/min	0	2	4	6	8	10	12	14	16	
2XRm0.7/26-0.18	0.18	0.25	H(m)	35	32	30	28	26	23	20	16	12	
2XRm0.7/32-0.25	0.25	0.33		43	40	37	35	32	29	24	20	15	
2XRm0.7/38-0.37	0.37	0.5		51	47	44	41	38	34	29	24	18	

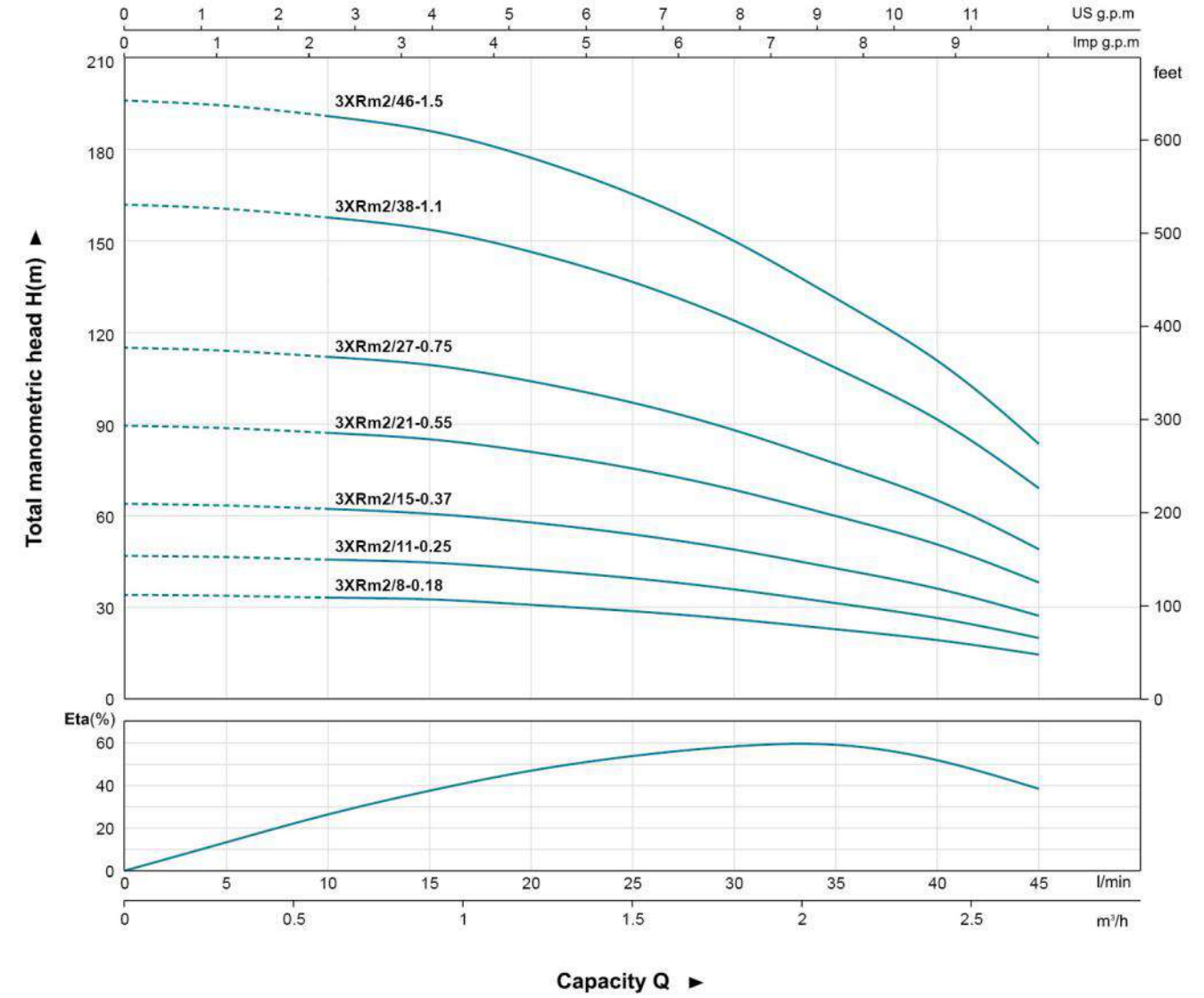
2.5XR 2



Technical Data

MODEL	P ₂		DELIVERY n ≈ 2850 1/min										
	kW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	
			l/min	0	5	10	15	20	25	30	35	40	
2.5XRm2/12-0.18	0.18	0.25	H(m)	33	30	28	26	23	20	17	11	5	
2.5XRm2/17-0.25	0.25	0.33		46	42	39	37	33	29	24	16	7	
2.5XRm2/24-0.37	0.37	0.5		65	60	56	52	46	40	33	22	10	
2.5XRm2/31-0.55	0.55	0.75		84	77	72	67	60	52	43	29	13	

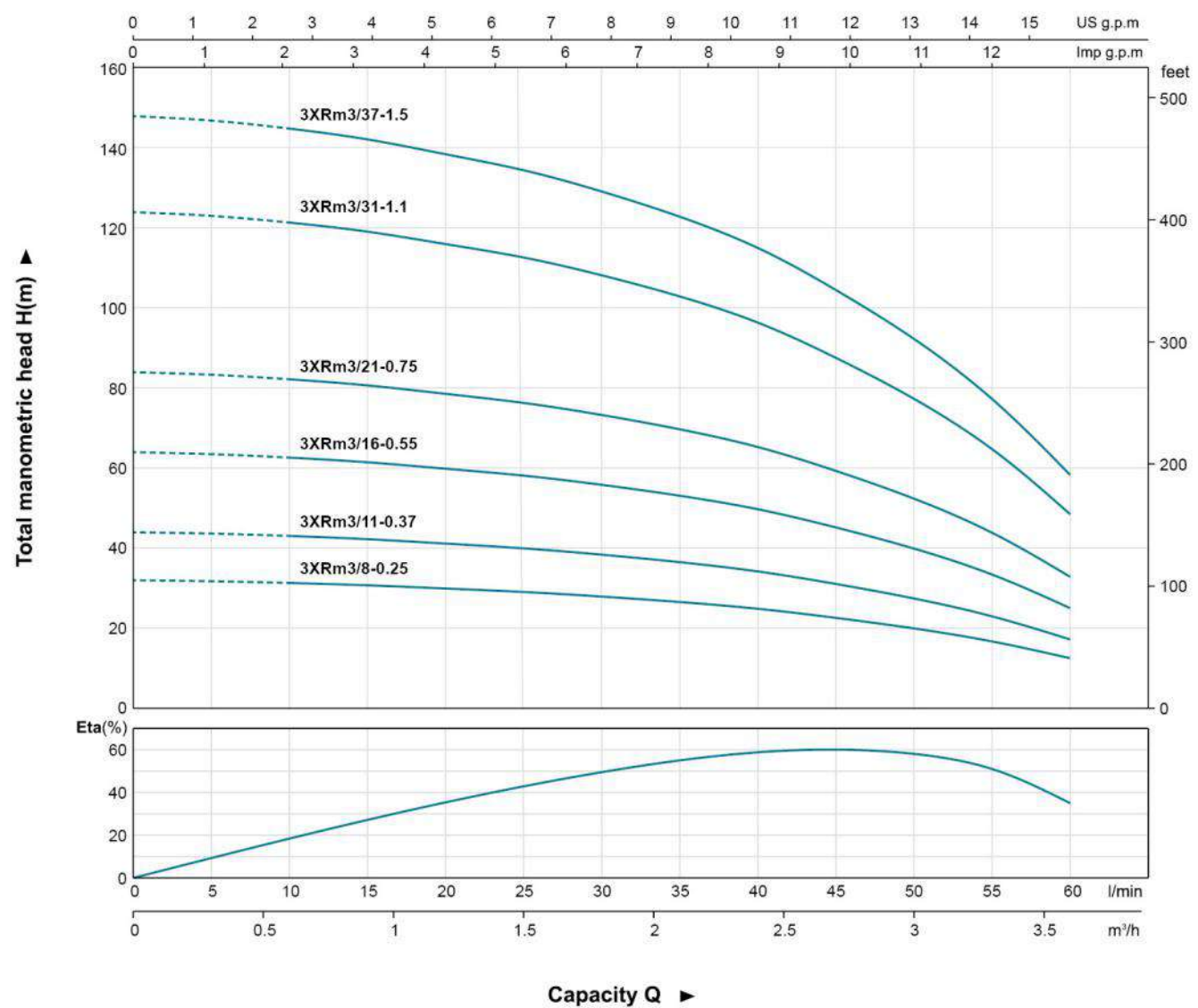
3XR 2



Technical Data

MODEL	P ₂		DELIVERY n ≈ 2850 1/min												
	kW	HP	Q m³/h	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		
3XRm2/8-0.18	0.18	0.25	H(m)	34	34	33	33	31	29	26	23	19	14		
3XRm2/11-0.25	0.25	0.33		47	46	45	45	43	40	36	32	27	20		
3XRm2/15-0.37	0.37	0.5		64	63	62	61	58	54	49	43	36	27		
3XRm2/21-0.55	0.55	0.75		89	89	87	85	81	76	68	60	51	38		
3XRm2/27-0.75	0.75	1		115	114	112	110	104	97	88	77	65	49		
3XRm2/38-1.1	1.1	1.5		162	160	157	154	147	137	124	109	92	69		
3XRm2/46-1.5	1.5	2		196	194	190	187	178	166	150	132	111	83		

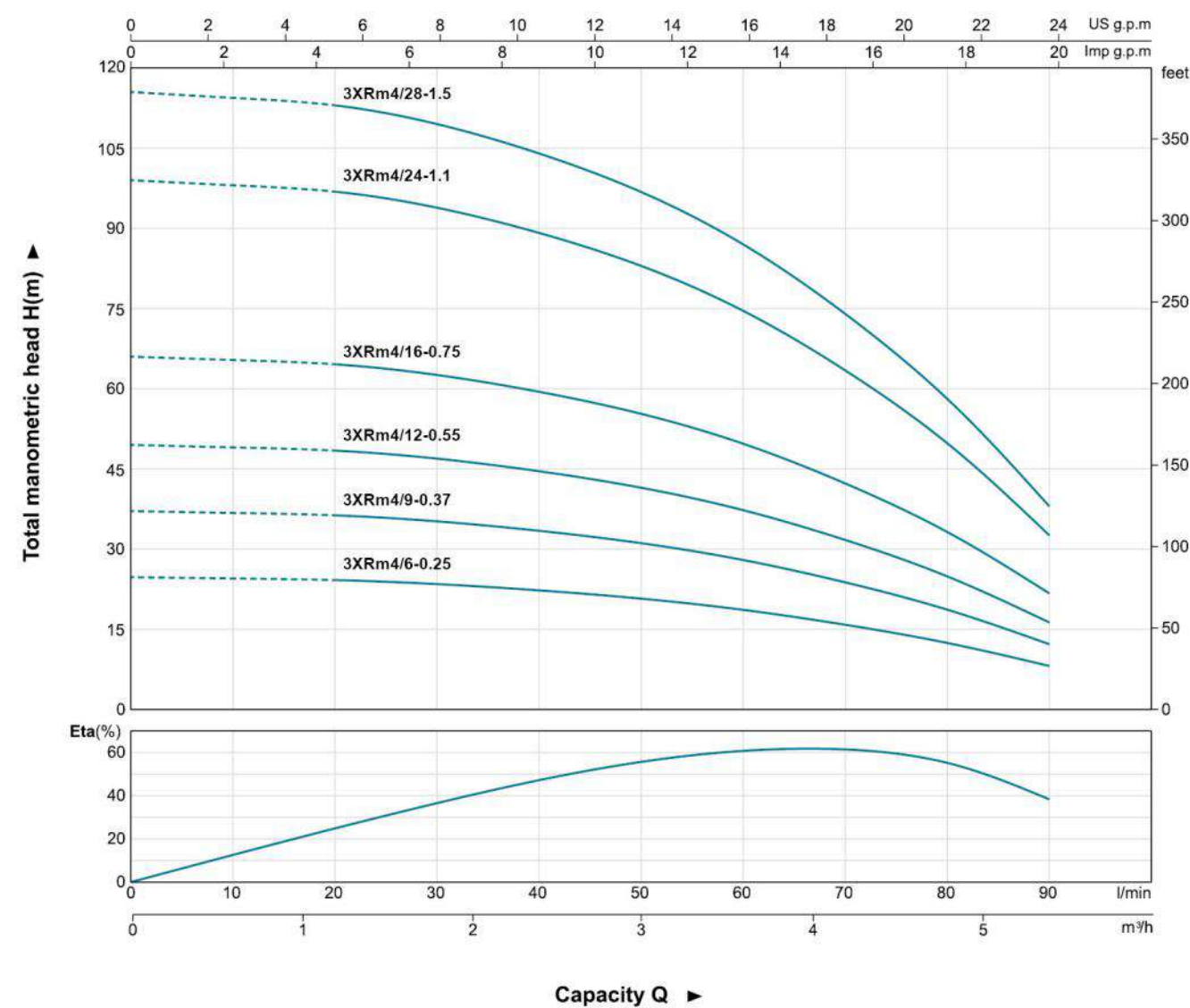
3XR 3



Technical Data

MODEL	P ₂		Q	DELIVERY n≈2850 1/min												
	kW	HP		m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
3XRm3/8-0.25	0.25	0.33	0	32	32	32	31	30	29	28	27	26	23	20	16	12
3XRm3/11-0.37	0.37	0.5	5	44	44	43	43	41	40	39	37	35	31	27	22	16
3XRm3/16-0.55	0.55	0.75	10	64	64	63	62	60	59	56	54	51	45	39	32	23
3XRm3/21-0.75	0.75	1	15	85	84	83	81	79	77	74	70	67	60	52	43	31
3XRm3/31-1.1	1.1	1.5	20	125	124	122	120	116	114	109	104	99	88	76	63	45
3XRm3/37-1.5	1.5	2	25	149	148	146	143	139	136	130	124	118	105	91	75	54

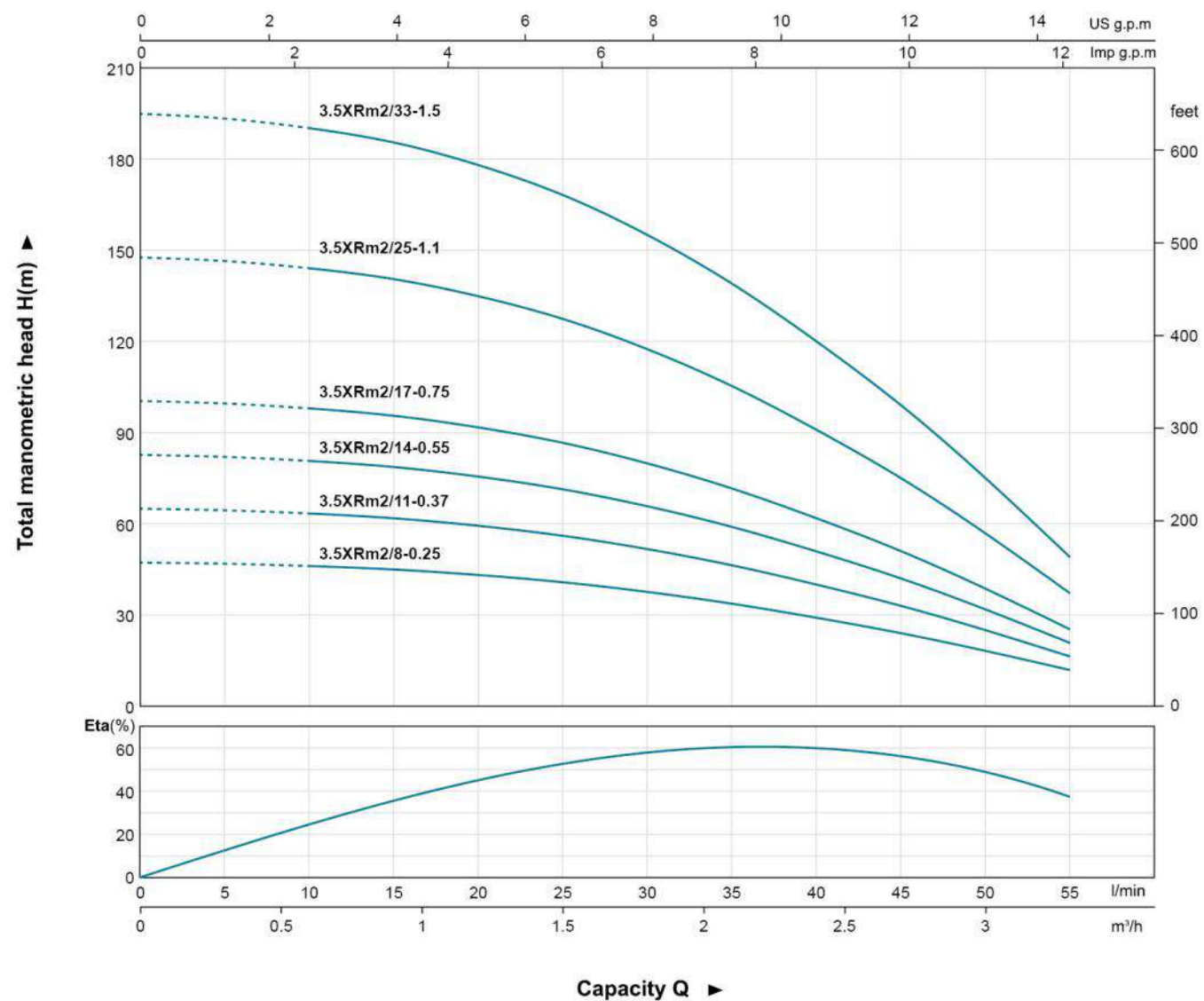
3XR 4



Technical Data

MODEL	P ₂		Q	DELIVERY n≈2850 1/min										
	kW	HP		m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
3XRm4/6-0.25	0.25	0.33	0	25	25	24	23	22	21	19	16	13	8	
3XRm4/9-0.37	0.37	0.5	5	37	37	36	35	33	32	28	24	19	12	
3XRm4/12-0.55	0.55	0.75	10	49	49	48	47	45	42	37	32	25	15	
3XRm4/16-0.75	0.75	1	15	66	66	65	62	59	56	50	42	34	21	
3XRm4/24-1.1	1.1	1.5	20	99	99	97	93	89	84	75	63	51	31	
3XRm4/28-1.5	1.5	2	25	115	115	113	109	104	98	87	74	59	36	

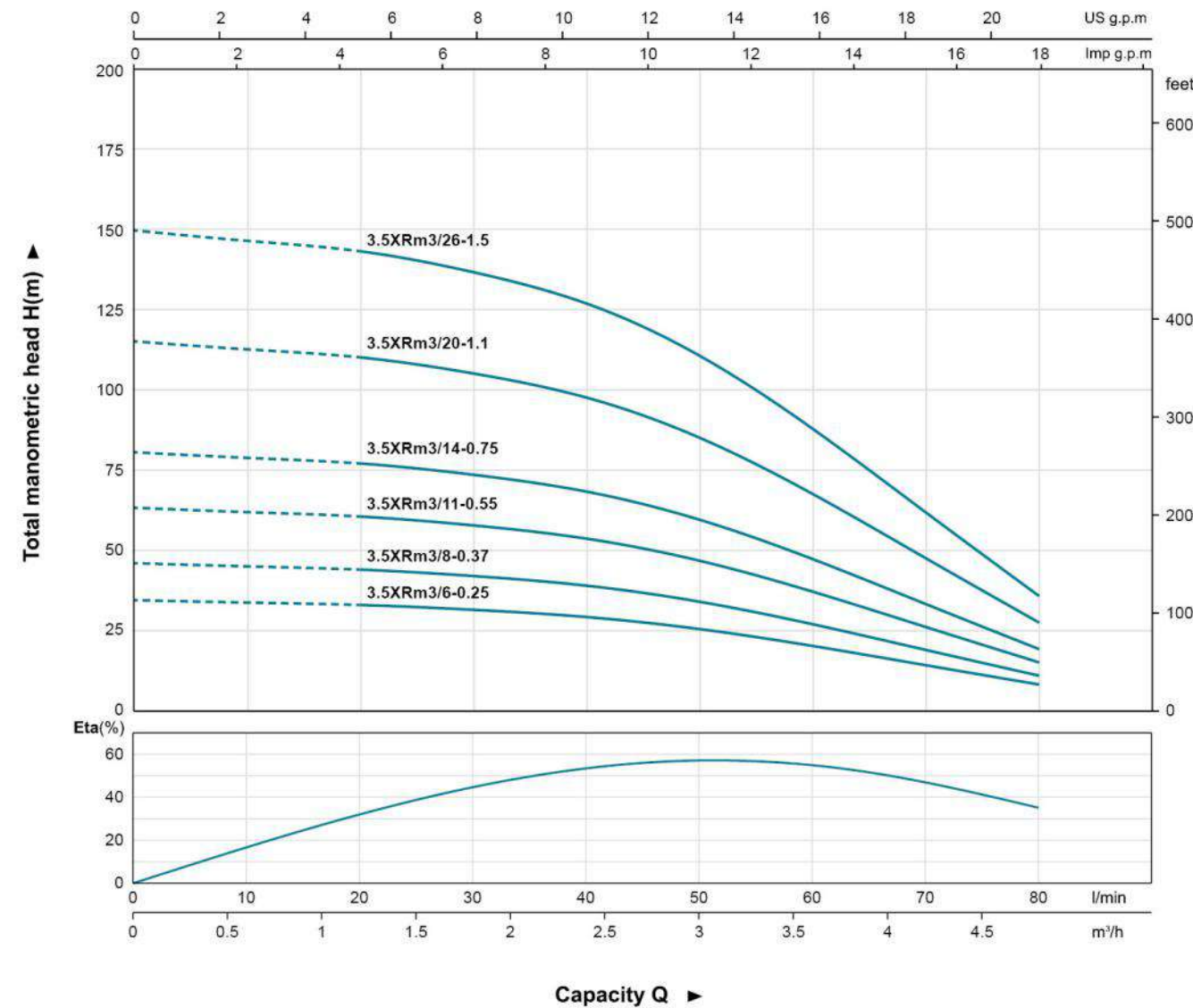
3.5XR 2



Technical Data

MODEL	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q m ³ /h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
				H(m)											
3.5XRm2/8-0.25	0.25	0.33	0	47	47	46	45	43	41	38	34	29	24	18	12
3.5XRm2/11-0.37	0.37	0.5	5	65	64	63	62	59	56	52	46	40	33	25	16
3.5XRm2/14-0.55	0.55	0.75	10	83	82	81	79	76	71	66	59	51	42	32	21
3.5XRm2/17-0.75	0.75	1	15	100	99	98	95	92	87	80	72	62	51	39	25
3.5XRm2/25-1.1	1.1	1.5	20	148	146	144	140	135	127	117	105	91	75	57	37
3.5XRm2/33-1.5	1.5	2	25	195	193	190	185	178	168	155	139	120	99	75	49

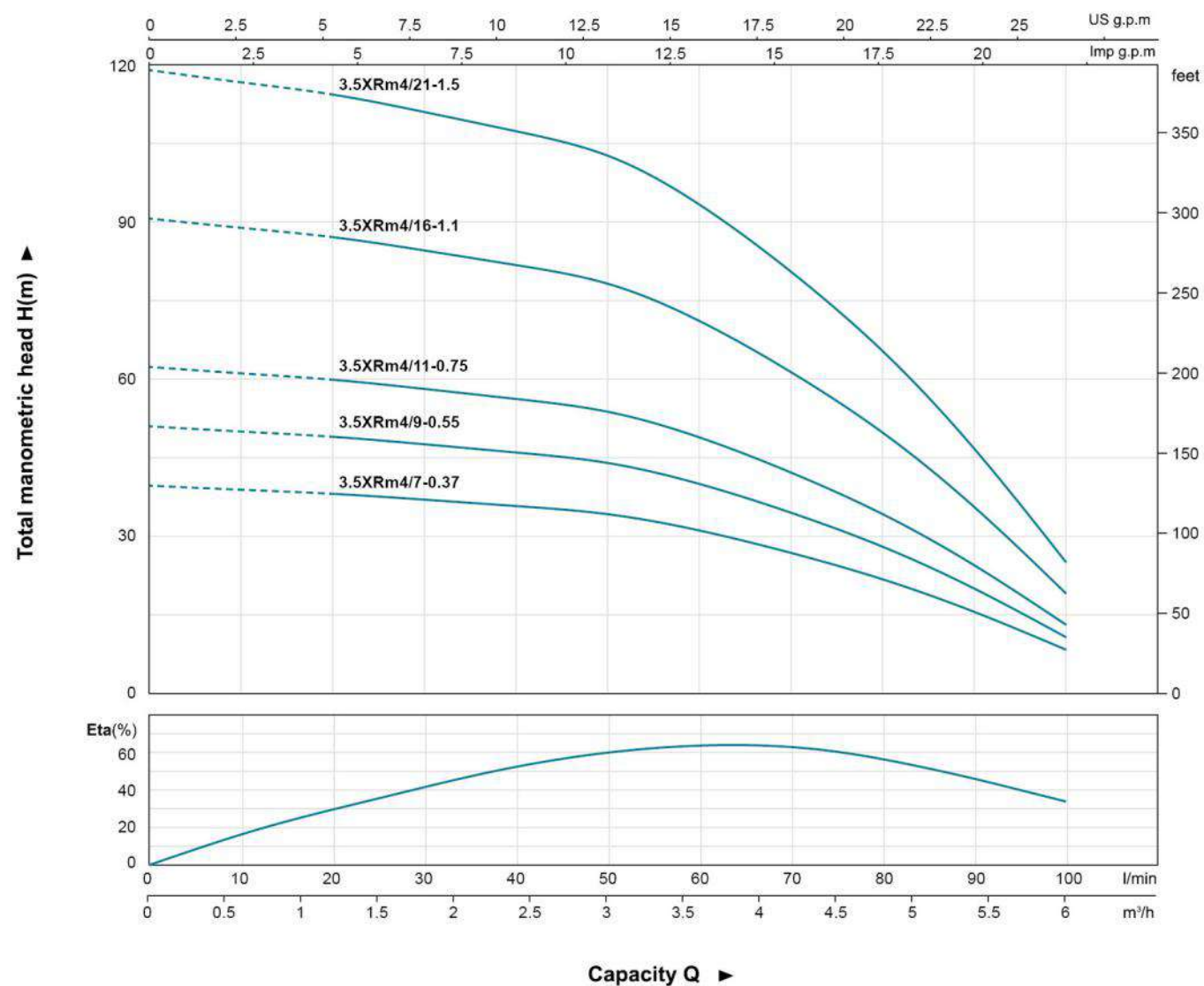
3.5XR 3



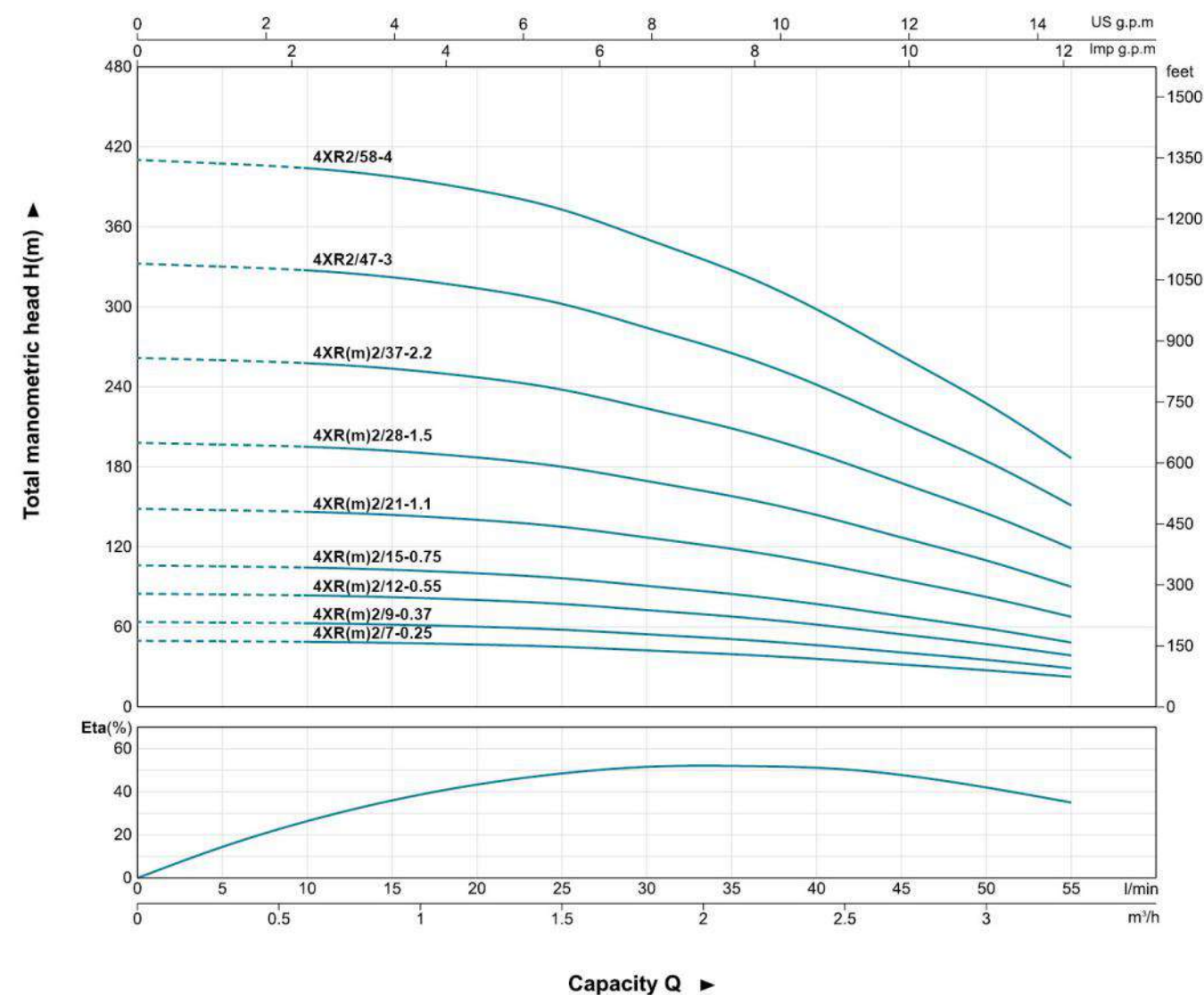
Technical Data

MODEL	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q m ³ /h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	
				H(m)									
3.5XRm3/6-0.25	0.25	0.33	0	35	34	33	32	29	26	20	14	8	
3.5XRm3/8-0.37	0.37	0.5	5	46	45	44	42	39	34	27	19	11	
3.5XRm3/11-0.55	0.55	0.75	10	63	62	61	58	54	47	37	26	15	
3.5XRm3/14-0.75	0.75	1	15	81	79	77	74	68	60	47	33	19	
3.5XRm3/20-1.1	1.1	1.5	20	115	113	110	105	98	85	68	48	28	
3.5XRm3/26-1.5	1.5	2	25	150	146	143	137	127	111	88	62	36	

3.5XR 4



4XR 2



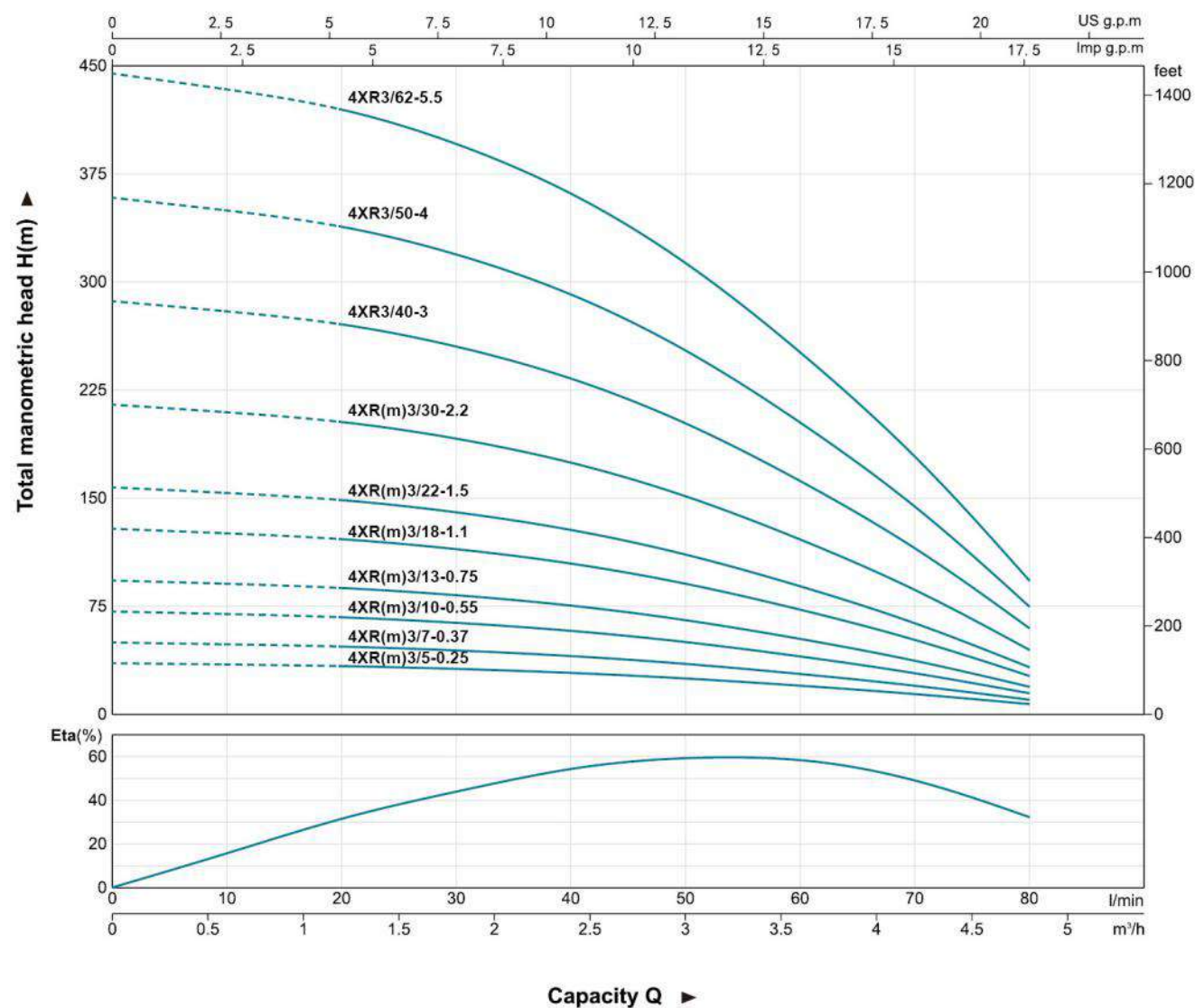
Technical Data

MODEL	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q m ³ /h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	
				H(m)	0	10	20	30	40	50	60	70	80	90	100
3.5XRm4/7-0.37	0.37	0.5		40	39	38	37	36	34	31	27	22	16	8	
3.5XRm4/9-0.55	0.55	0.75		51	50	49	48	46	44	40	34	28	20	11	
3.5XRm4/11-0.75	0.75	1		62	61	60	58	56	53	49	42	34	25	13	
3.5XRm4/16-1.1	1.1	1.5		91	89	87	85	82	77	71	61	50	36	19	
3.5XRm4/21-1.5	1.5	2		119	117	114	111	107	102	93	80	65	47	25	

Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min																
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m ³ /h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3				
					H(m)	0	5	10	15	20	25	30	35	40	45	50	55			
4XRm2/7-0.25	4XR2/7-0.25	0.25	0.33		50	49	49	48	47	45	42	39	36	32	27	22				
4XRm2/9-0.37	4XR2/9-0.37	0.37	0.5		64	63	63	62	60	58	54	51	47	41	35	29				
4XRm2/12-0.55	4XR2/12-0.55	0.55	0.75		85	84	84	83	80	77	72	68	62	54	47	38				
4XRm2/15-0.75	4XR2/15-0.75	0.75	1		106	105	105	103	100	96	90	85	78	68	59	48				
4XRm2/21-1.1	4XR2/21-1.1	1.1	1.5		149	147	146	145	140	135	126	118	109	95	82	67				
4XRm2/28-1.5	4XR2/28-1.5	1.5	2		198	196	195	193	187	180	168	158	145	127	110	90				
4XRm2/37-2.2	4XR2/37-2.2	2.2	3		262	259	258	255	247	238	222	209	191	168	145	119				
-	4XR2/47-3	3	4		333	329	328	324	314	302	282	265	243	213	184	151				
-	4XR2/58-4	4	5.5		411	406	404	400	387	372	348	327	300	263	227	186				

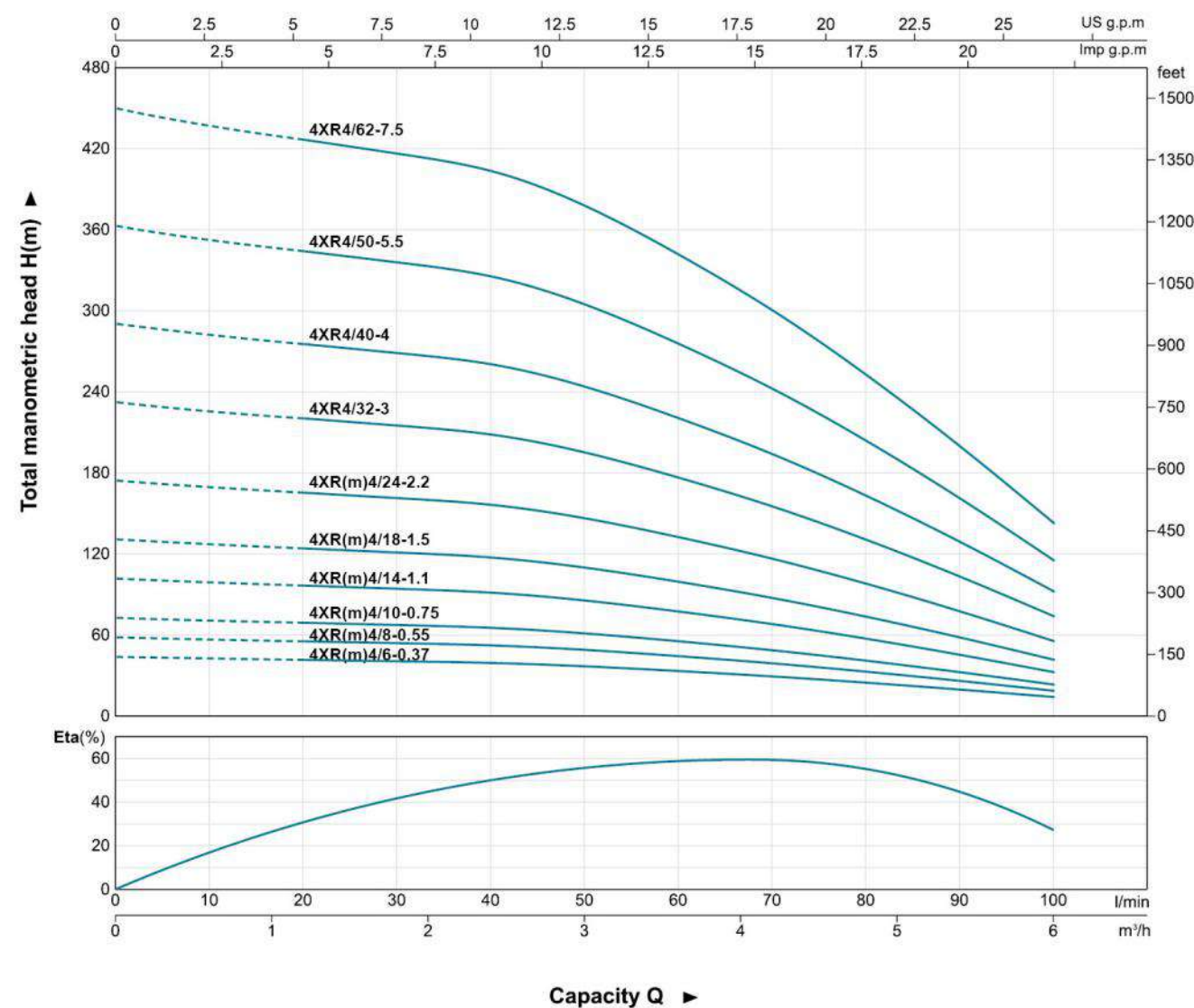
4XR 3



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h										
					0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8		
				0	10	20	30	40	50	60	70	80			
4XRm3/5-0.25	4XR3/5-0.25	0.25	0.33	H(m)	36	35	34	32	29	25	20	14	7		
4XRm3/7-0.37	4XR3/7-0.37	0.37	0.5		50	49	47	45	41	35	28	20	10		
4XRm3/10-0.55	4XR3/10-0.55	0.55	0.75		72	70	68	64	58	50	40	29	15		
4XRm3/13-0.75	4XR3/13-0.75	0.75	1		93	91	88	83	76	66	53	38	19		
4XRm3/18-1.1	4XR3/18-1.1	1.1	1.5		129	126	122	115	105	91	73	52	27		
4XRm3/22-1.5	4XR3/22-1.5	1.5	2		158	154	149	141	128	111	89	64	33		
4XRm3/30-2.2	4XR3/30-2.2	2.2	3		215	210	203	192	175	151	121	87	45		
-	4XR3/40-3	3	4		287	280	271	255	234	202	162	115	60		
-	4XR3/50-4	4	5.5		359	350	339	319	292	252	202	144	75		
-	4XR3/62-5.5	5.5	7.5		445	434	420	396	362	313	251	179	93		

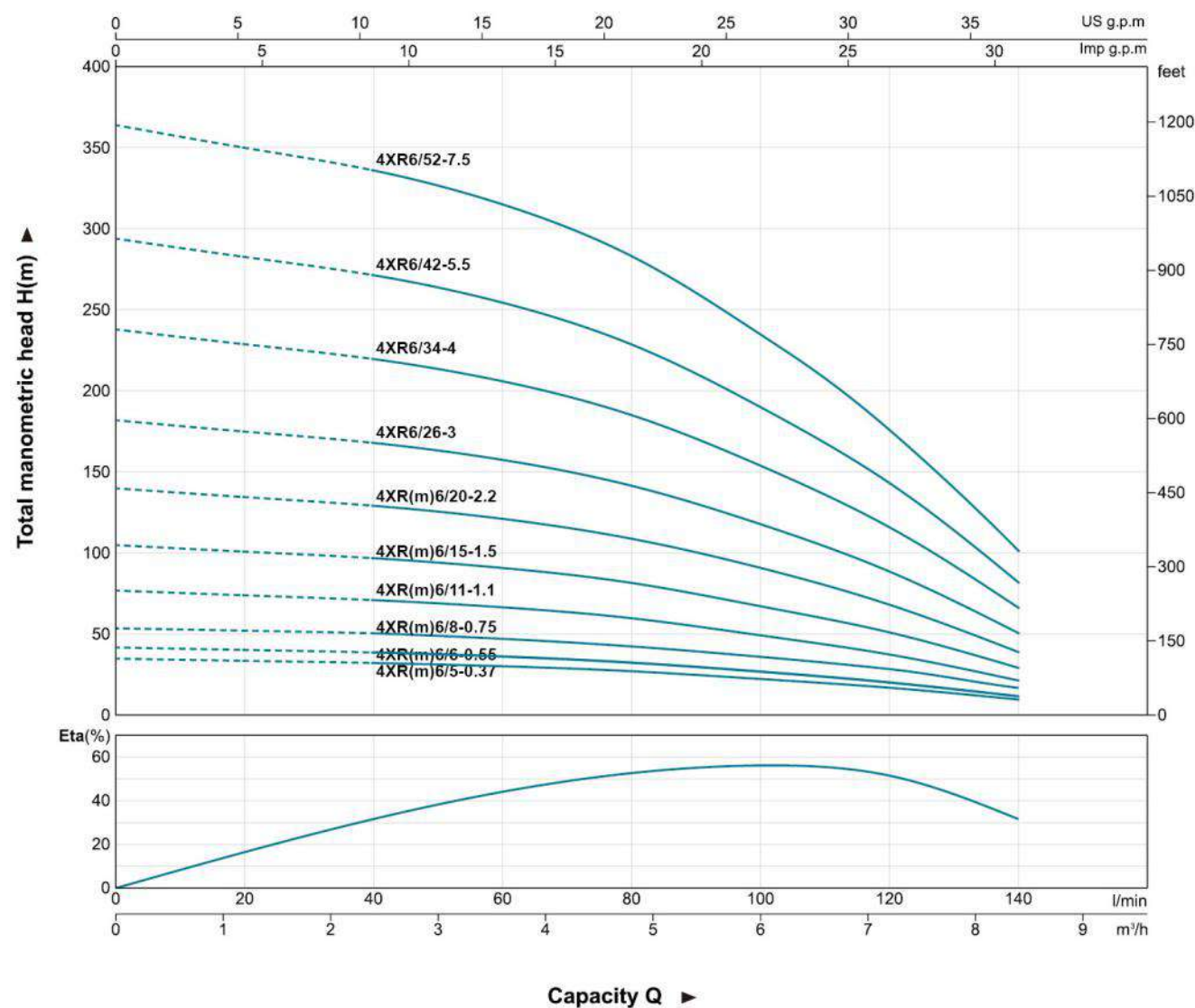
4XR 4



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h													
					0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0			
				0	10	20	30	40	50	60	70	80	90	100				
4XRm4/6-0.37	4XR4/6-0.37	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14			
4XRm4/8-0.55	4XR4/8-0.55	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18			
4XRm4/10-0.75	4XR4/10-0.75	0.75	1		73	70	69	67	65	61	55	48	41	32	23			
4XRm4/14-1.1	4XR4/14-1.1	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32			
4XRm4/18-1.5	4XR4/18-1.5	1.5	2		131	127	124	121	117	109	99	87	73	58	41			
4XRm4/24-2.2	4XR4/24-2.2	2.2	3		174	169	165	161	156	146	132	116	98	77	55			
-	4XR4/32-3	3	4		232	225	220	215	208	195	176	155	130	103	73			
-	4XR4/40-4	4	5.5		290	281	275	268	260	243	220	194	163	128	92			
-	4XR4/50-5.5	5.5	7.5		363	352	344	335	325	304	275	242	203	160	115			
-	4XR4/62-7.5	7.5	10		450	436	426	416	403	377	341	300	252	199	142			

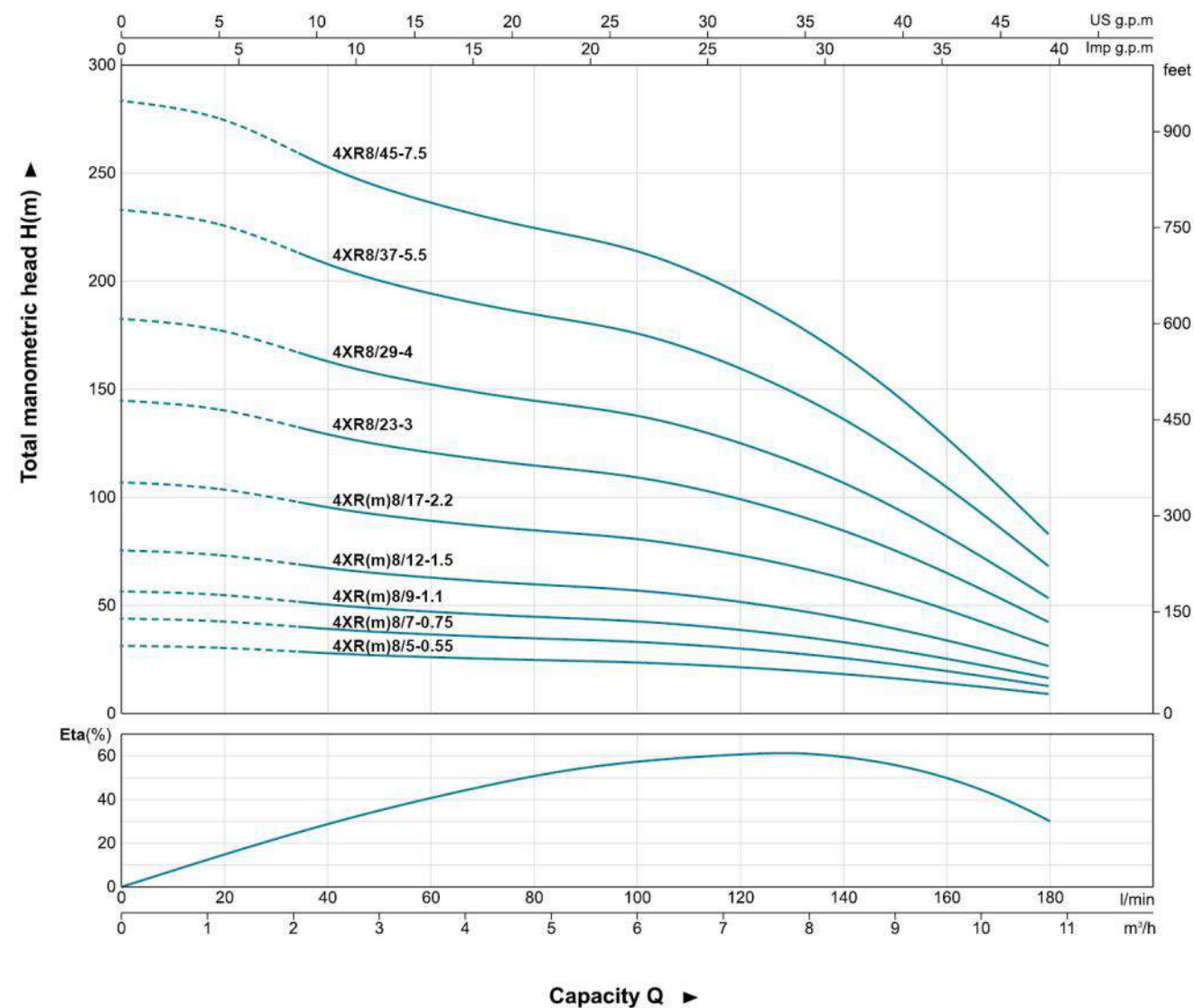
4XR 6



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
				H(m)	l/min	0	20	40	60	80	100	120	140
4XRm6/5-0.37	4XR6/5-0.37	0.37	0.5	H(m)	35	34	32	30	27	22	17	10	
4XRm6/6-0.55	4XR6/6-0.55	0.55	0.75		42	40	39	36	33	27	20	12	
4XRm6/8-0.75	4XR6/8-0.75	0.75	1		56	54	52	48	44	36	27	16	
4XRm6/11-1.1	4XR6/11-1.1	1.1	1.5		77	74	71	67	60	49	37	21	
4XRm6/15-1.5	4XR6/15-1.5	1.5	2		105	101	97	91	82	67	51	29	
4XRm6/20-2.2	4XR6/20-2.2	2.2	3		140	135	129	121	109	90	68	39	
-	4XR6/26-3	3	4		182	175	168	158	142	117	88	51	
-	4XR6/34-4	4	5.5		238	229	220	206	185	152	116	66	
-	4XR6/42-5.5	5.5	7.5		294	283	271	254	229	188	143	82	
-	4XR6/52-7.5	7.5	10		364	350	336	315	283	233	177	101	

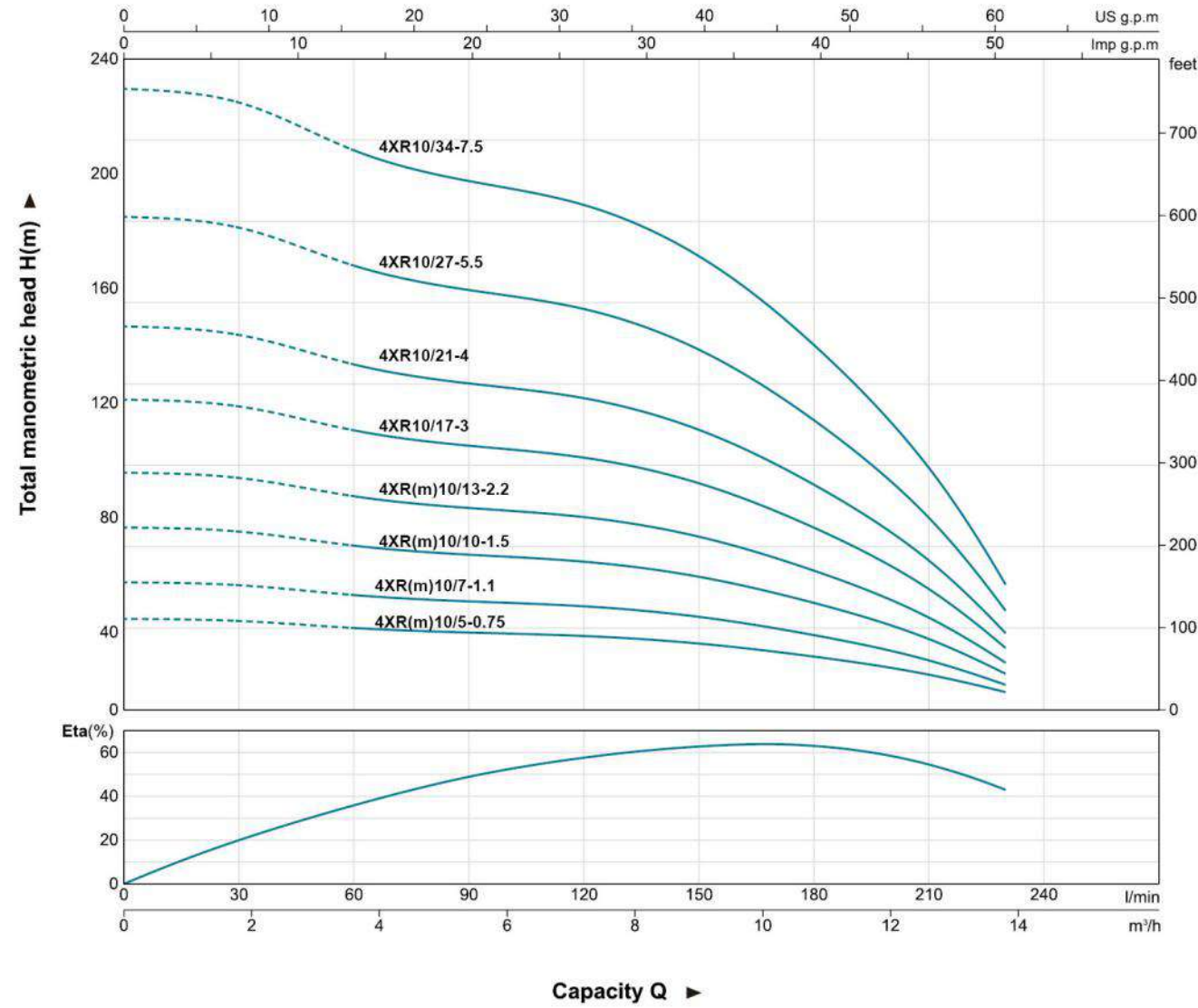
4XR 8



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	
				H(m)	l/min	0	20	40	60	80	100	120	140	160	180	
4XRm8/5-0.55	4XR8/5-0.55	0.55	0.75	H(m)	32	31	28	26	25	24	22	18	14	9		
4XRm8/7-0.75	4XR8/7-0.75	0.75	1		44	43	39	37	35	33	30	26	20	13		
4XRm8/9-1.1	4XR8/9-1.1	1.1	1.5		57	55	51	47	45	43	39	33	26	17		
4XRm8/12-1.5	4XR8/12-1.5	1.5	2		76	73	67	63	60	57	52	44	34	22		
4XRm8/17-2.2	4XR8/17-2.2	2.2	3		107	104	96	90	85	81	74	63	48	31		
-	4XR8/23-3	3	4		145	141	129	121	115	109	100	85	65	42		
-	4XR8/29-4	4	5.5		183	177	163	153	145	138	126	107	82	53		
-	4XR8/37-5.5	5.5	7.5		234	226	208	195	185	176	160	136	105	68		
-	4XR8/45-7.5	7.5	10		284	275	253	237	225	214	195	166	128	83		

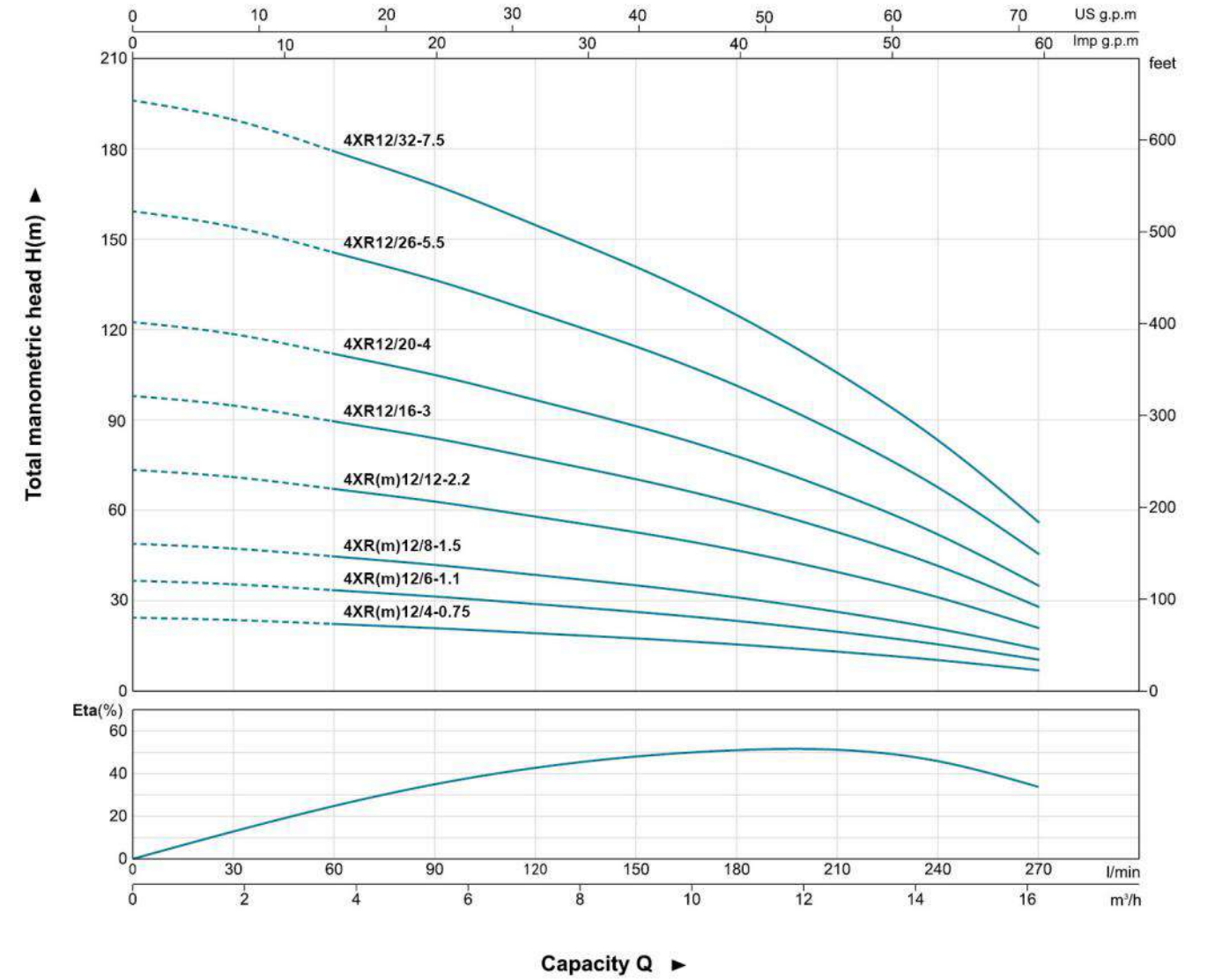
4XR 10



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	H(m)												
					m ³ /h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	13.8			
4XRm10/5-0.75	4XR10/5-0.75	0.75	1	H(m)	0	0	30	60	90	120	150	180	210	230			
4XRm10/7-1.1	4XR10/7-1.1	1.1	1.5		34	33	30	29	27	25	20	13	7				
4XRm10/10-1.5	4XR10/10-1.5	1.5	2		47	46	43	40	38	34	28	19	10				
4XRm10/13-2.2	4XR10/13-2.2	2.2	3		67	66	61	57	55	49	40	26	14				
-	4XR10/17-3	3	4		88	86	79	75	71	64	52	34	18				
-	4XR10/21-4	4	5.5		115	112	104	97	93	83	67	45	23				
-	4XR10/27-5.5	5.5	7.5		141	138	128	120	115	103	83	56	29				
-	4XR10/34-7.5	7.5	10		182	178	164	155	148	133	107	71	37				
					229	224	207	195	186	167	135	90	47				

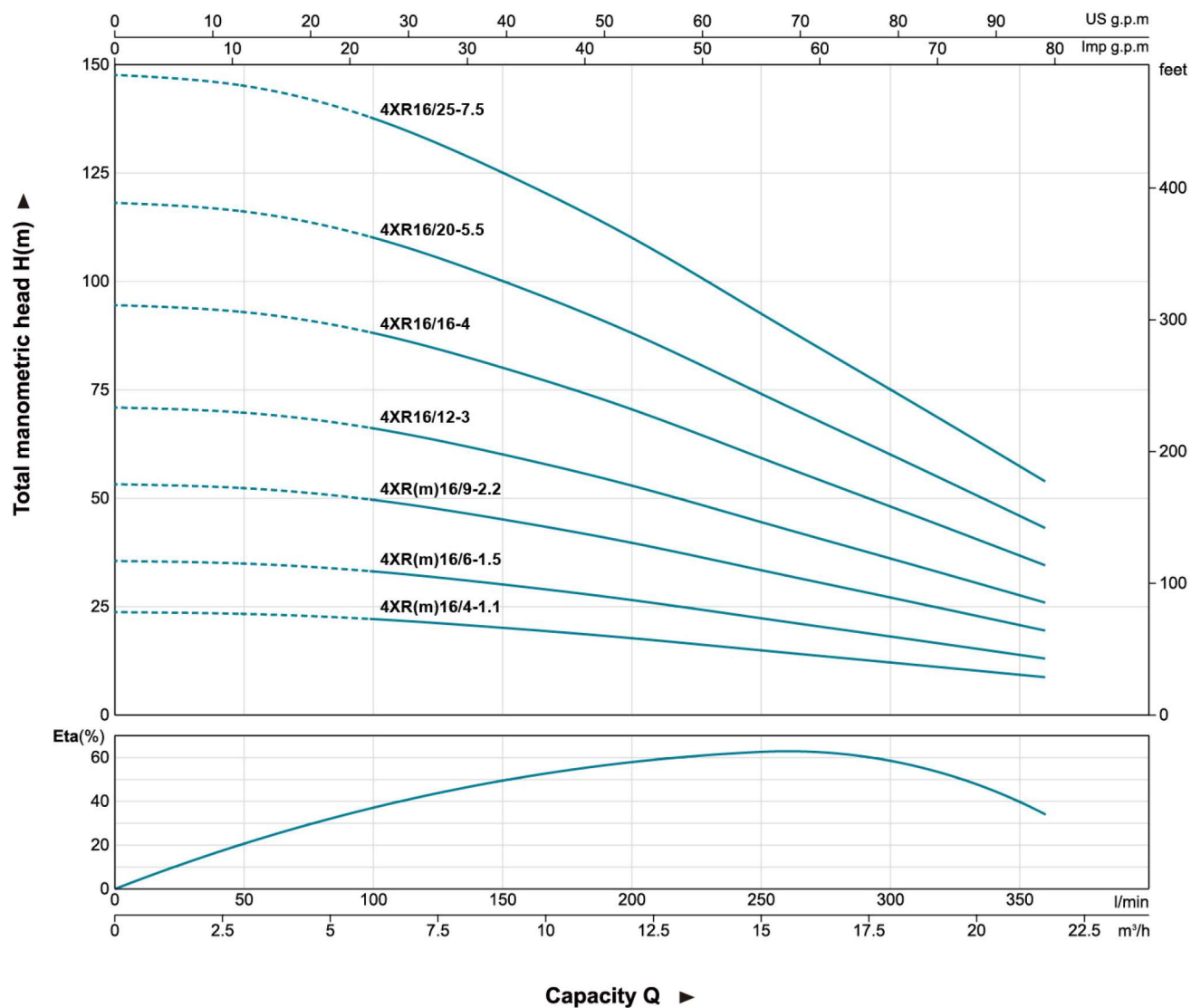
4XR 12



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	H(m)												
					m ³ /h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2		
4XRm12/4-0.75	4XR12/4-0.75	0.75	1	H(m)	0	0	30	60	90	120	150	180	210	240	270		
4XRm12/6-1.1	4XR12/6-1.1	1.1	1.5		25	24	22	21	19	18	16	13	10	7			
4XRm12/8-1.5	4XR12/8-1.5	1.5	2		37	36	34	31	29	26	23	20	16	10			
4XRm12/12-2.2	4XR12/12-2.2	2.2	3		49	48	45	42	39	35	31	27	21	14			
-	4XR12/16-3	3	4		74	71	67	62	58	53	47	40	31	20			
-	4XR12/20-4	4	5.5		98	95	90	83	77	71	63	53	42	27			
-	4XR12/26-5.5	5.5	7.5		123	119	112	104	96	88	78	66	52	34			
-	4XR12/32-7.5	7.5	10		159	154	145	135	125	115	102	86	67	44			
					196	190	179	166	154	141	125	106	83	54			

4XR 16



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	3	6	9	12	15	18	21		
				m³/h l/min	0	50	100	150	200	250	300	350		
4XRm16/4-1.1	4XR16/4-1.1	1.1	1.5	H(m)	24	23	22	20	18	15	12	9		
4XRm16/6-1.5	4XR16/6-1.5	1.5	2		36	35	33	30	26	22	18	13		
4XRm16/9-2.2	4XR16/9-2.2	2.2	3		53	52	50	45	40	33	27	19		
-	4XR16/12-3	3	4		71	70	66	60	53	45	36	26		
-	4XR16/16-4	4	5.5		95	93	88	80	70	60	48	35		
-	4XR16/20-5.5	5.5	7.5		118	116	110	100	88	74	60	43		
-	4XR16/25-7.5	7.5	10		148	145	138	125	110	93	75	54		

4XRS

Application

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

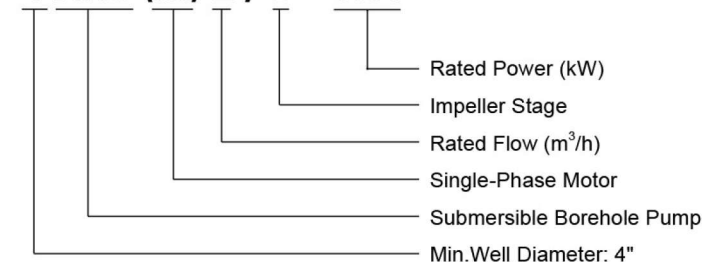
Operating conditions

- Maximum fluid temperature up to +50°C
- Maximum sand content: 0.25%
- Maximum immersion: 80m
- Minimum well diameter: 4"

Motor and Pump

- Rewindable motor or full obturated screen motor
- **Three-phase:** 380V-415V/50Hz
- **Single-phase:** 220V-240V/50Hz
- Equip with start control box or digital auto-control box
- **NEMA** dimension standards
- Curve tolerance according to ISO 9906

4 XRS (m) 2 / 9 - 0.37



Components	Material
Delivery casing	AISI 304
Check valve	AISI 304
Suction lantern	AISI 304
Stage casing	AISI 304
Impeller	AISI 304
Shaft	AISI 304
Shaft coupling	AISI 304
Wear ring	Rubber
Motor external casing	AISI 304
Top chock	Cast-iron
Bottom support	AISI 304
Mechanical seal	Special seal for deep well Graphite-Ceramic
Shaft	AISI 630+40Cr
Seal lubricant oil	Oil for food mechniry and phamaceutic use



- Single phase
- 220V~240V/50Hz
- Power: 0.25~1.5kW



- Single phase
- 220V~240V/50Hz
- Power: 2.2kW, 3kW

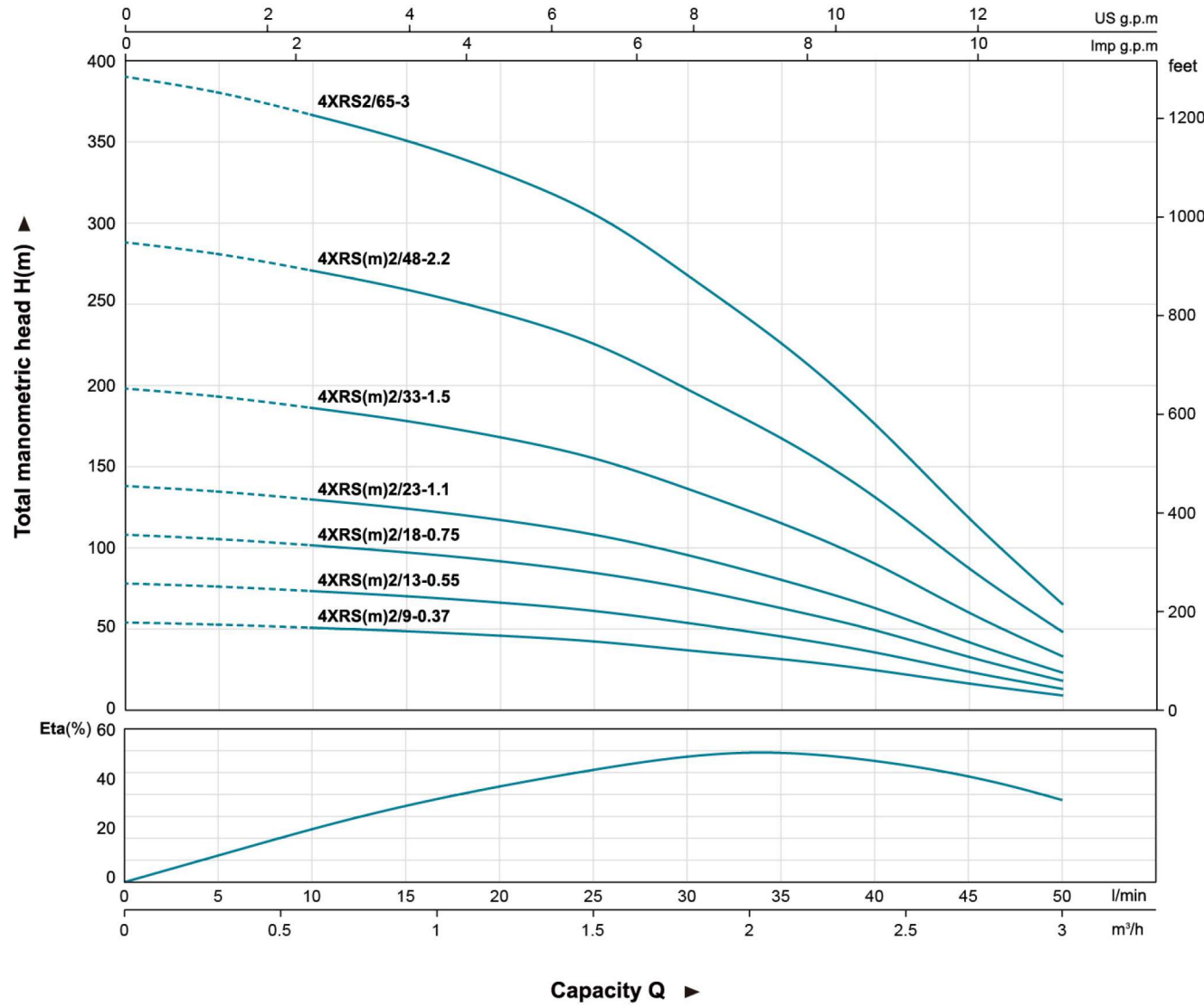


- Three phase
- 380V~415V/50Hz
- Power: 0.37~5.5kW



- Three phase
- 380V~415V/50Hz
- Power: 7kw, 7.5kw

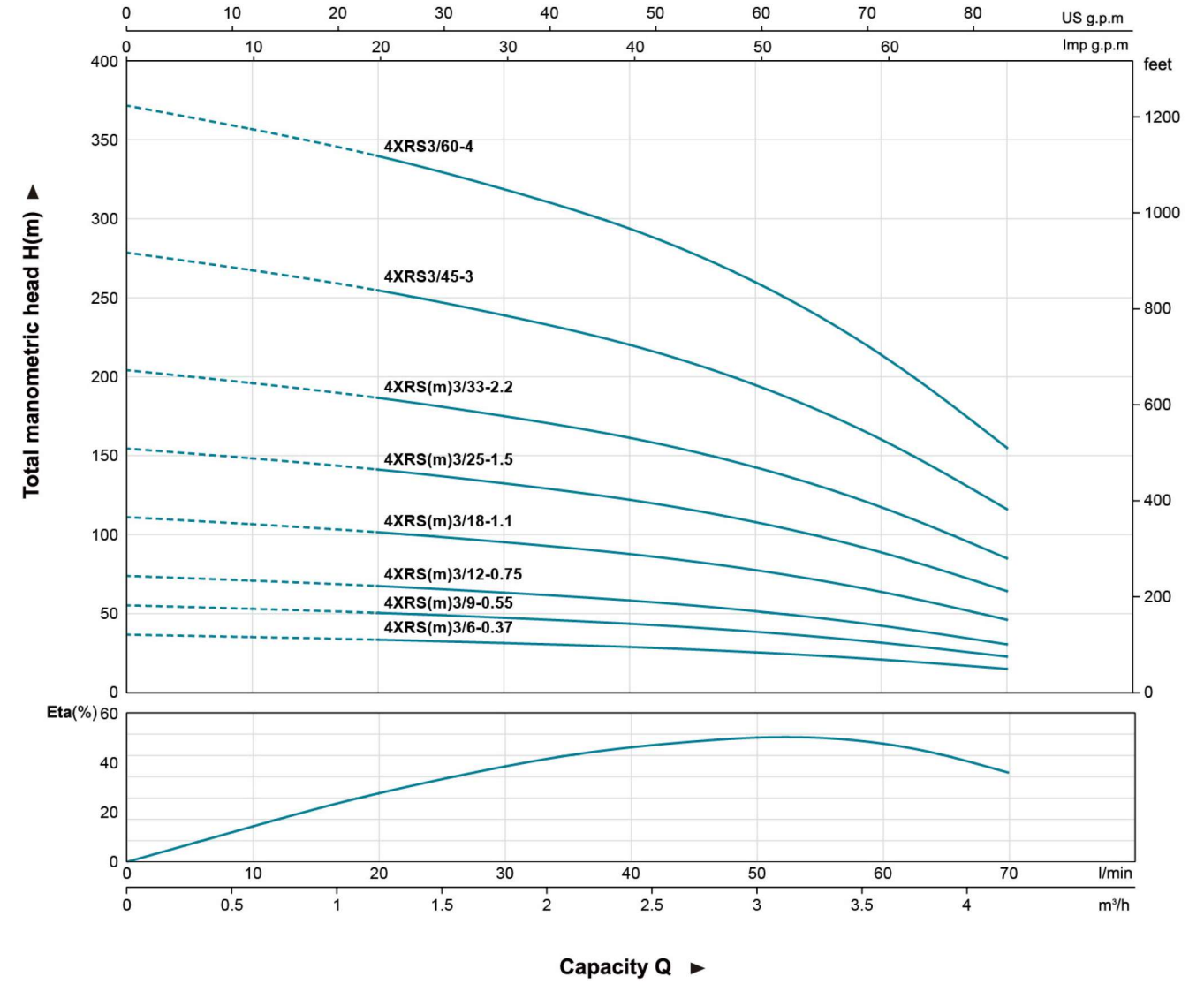
4XRS 2



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h												
					0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0		
				H(m)	0	5	10	15	20	25	30	35	40	45	50		
4XRSm2/9-0.37	4XRS2/9-0.37	0.37	0.5	H(m)	54	53	51	48	46	42	37	31	25	17	9		
4XRSm2/13-0.55	4XRS2/13-0.55	0.55	0.75		78	76	73	70	66	61	54	45	35	24	13		
4XRSm2/18-0.75	4XRS2/18-0.75	0.75	1		108	105	102	97	92	85	75	63	49	34	18		
4XRSm2/23-1.1	4XRS2/23-1.1	1.1	1.5		138	134	130	124	117	108	96	80	63	43	23		
4XRSm2/33-1.5	4XRS2/33-1.5	1.5	2		198	193	186	178	168	155	137	115	90	62	32		
4XRSm2/48-2.2	4XRS2/48-2.2	2.2	3		288	281	271	258	244	226	199	167	131	90	47		
-	4XRS2/65-3	3	4		390	380	367	350	331	306	270	226	177	122	64		

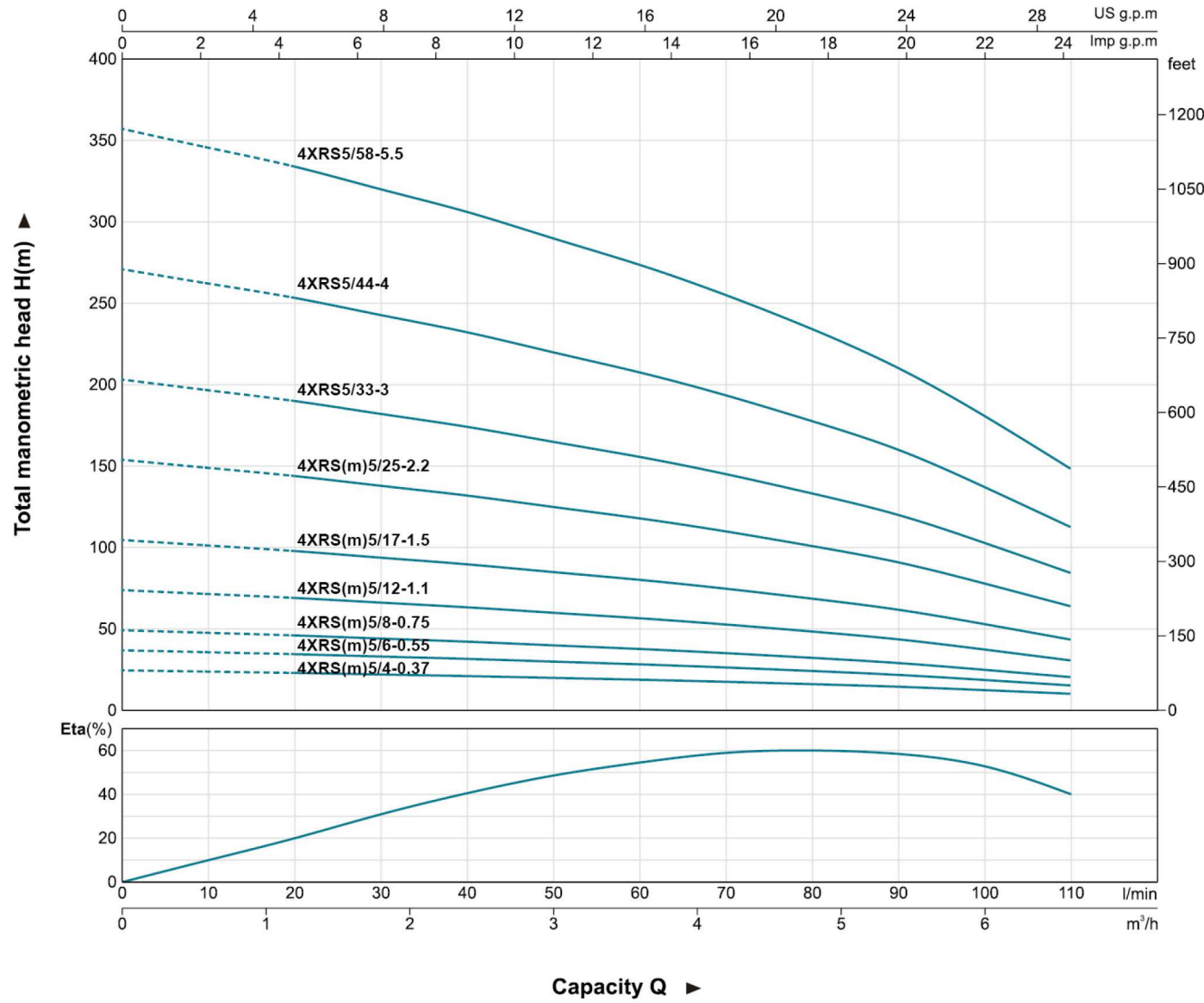
4XRS 3



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h												
					0	0.6	1.2	1.8	2.4	3.0	3.6	4.2					
				H(m)	0	10	20	30	40	50	60	70					
4XRSm3/6-0.37	4XRS3/6-0.37	0.37	0.5	H(m)	37	36	34	32	29	26	21	16					
4XRSm3/9-0.55	4XRS3/9-0.55	0.55	0.75		56	54	51	48	44	39	32	23					
4XRSm3/12-0.75	4XRS3/12-0.75	0.75	1		74	71	68	64	59	52	43	31					
4XRSm3/18-1.1	4XRS3/18-1.1	1.1	1.5		112	107	102	96	88	78	64	47					
4XRSm3/25-1.5	4XRS3/25-1.5	1.5	2		155	149	142	133	123	108	89	65					
4XRSm3/33-2.2	4XRS3/33-2.2	2.2	3		205	196	187	175	162	143	118	85					
-	4XRS3/45-3	3	4		279	268	255	239	221	195	161	116					
-	4XRS3/60-4	4	5.5		372	357	340	319	294	260	214	155					

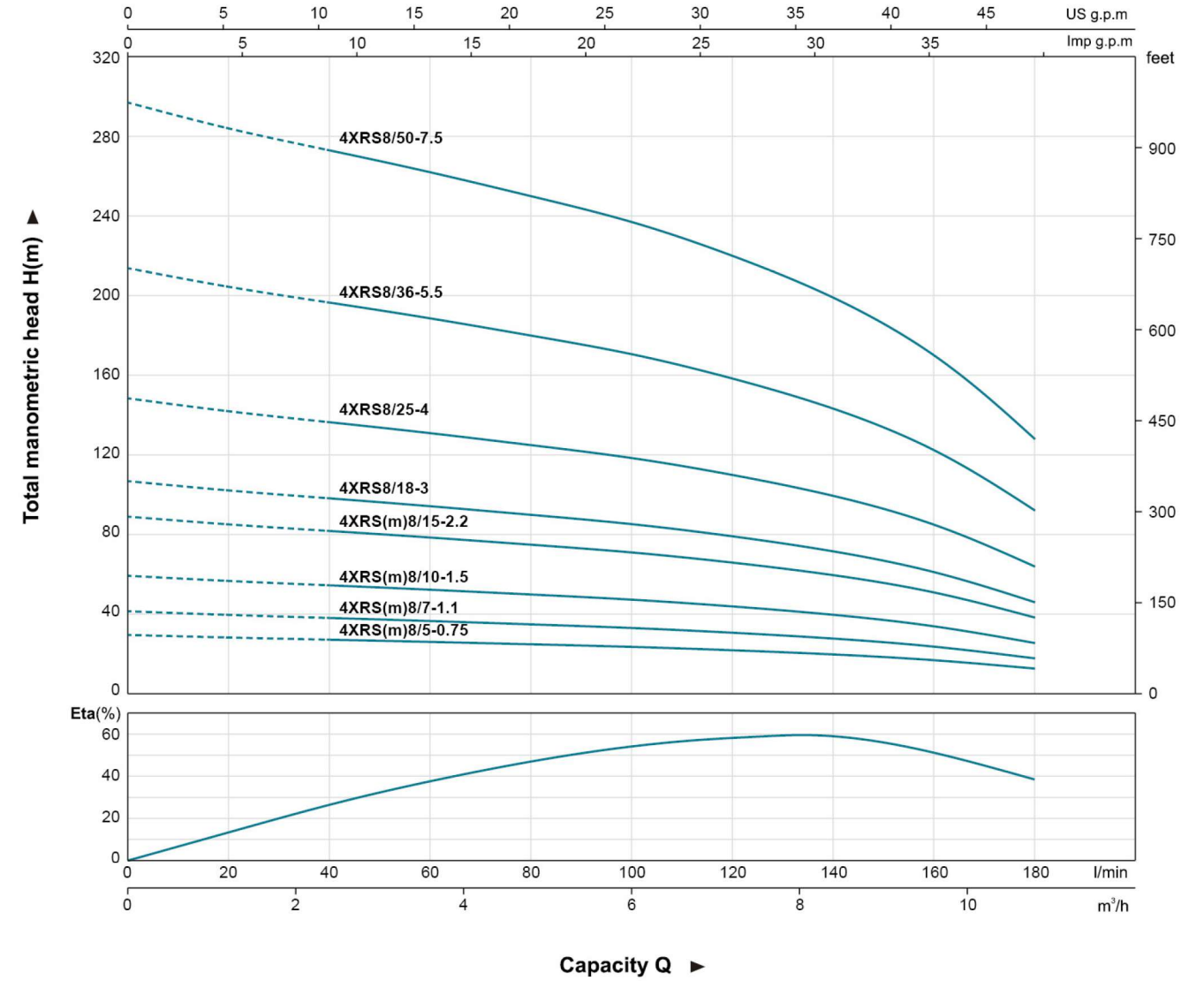
4XRS 5



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h													
					0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6		
4XRSm5/4-0.37	4XRS5/4-0.37	0.37	0.5	H(m)	25	24	23	22	21	20	19	18	16	15	12	10		
4XRSm5/6-0.55	4XRS5/6-0.55	0.55	0.75		37	36	35	33	32	30	28	26	24	22	19	15		
4XRSm5/8-0.75	4XRS5/8-0.75	0.75	1		49	48	46	44	42	40	38	35	32	29	25	20		
4XRSm5/12-1.1	4XRS5/12-1.1	1.1	1.5		74	72	69	66	63	60	57	53	48	44	37	31		
4XRSm5/17-1.5	4XRS5/17-1.5	1.5	2		105	101	98	94	90	85	80	75	69	62	53	44		
4XRSm5/25-2.2	4XRS5/25-2.2	2.2	3		154	149	144	138	132	125	118	110	101	91	78	64		
-	4XRS5/33-3	3	4		203	197	190	182	174	165	156	145	133	120	103	84		
-	4XRS5/44-4	4	5.5		271	262	253	243	232	220	208	194	178	160	137	113		
-	4XRS5/58-5.5	5.5	7.5		357	346	334	320	306	290	274	255	234	211	181	148		

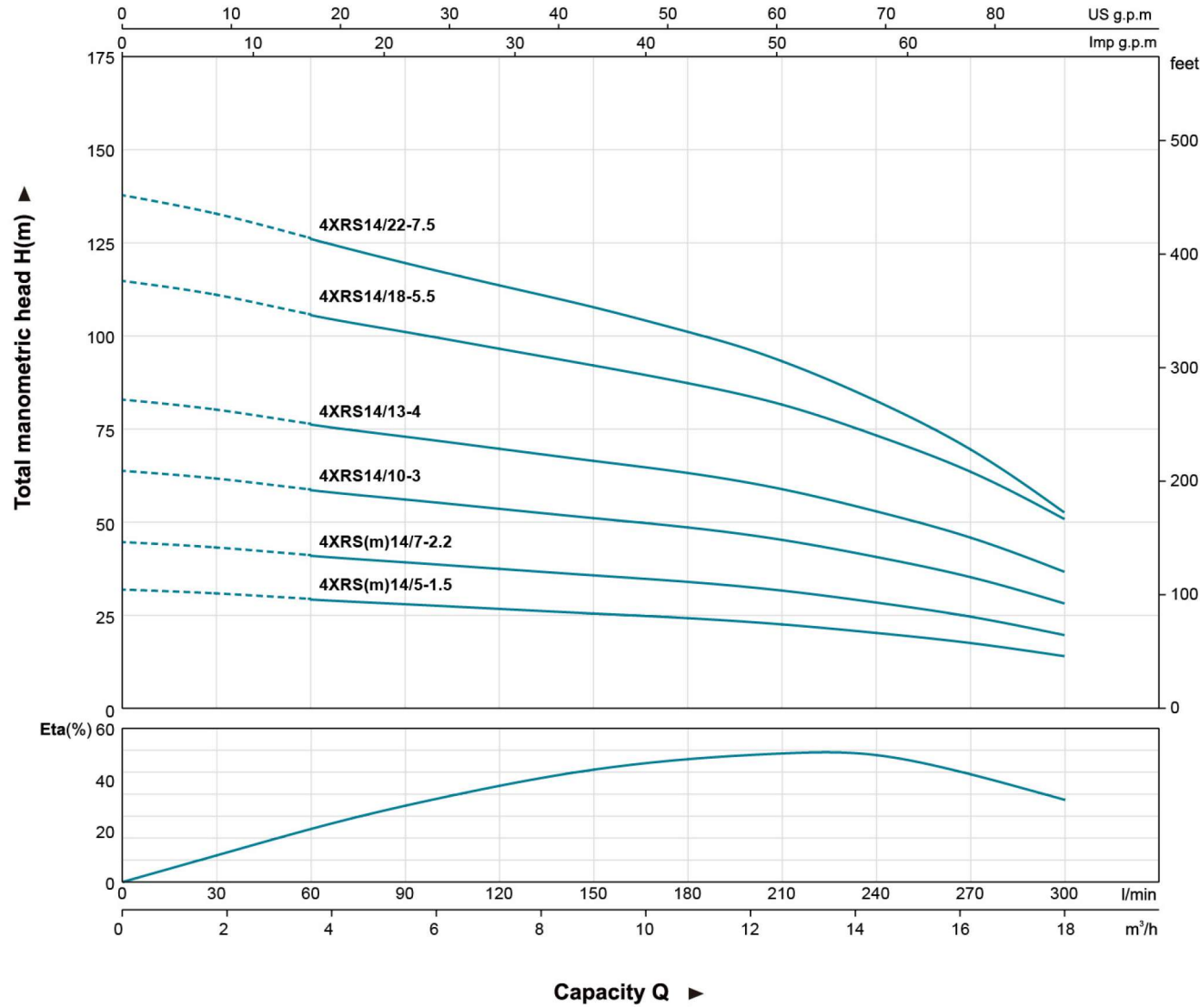
4XRS 8



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h													
					0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8				
4XRSm8/5-0.75	4XRS8/5-0.75	0.75	1	H(m)	30	28	27	26	25	24	22	20	17	13				
4XRSm8/7-1.1	4XRS8/7-1.1	1.1	1.5		42	40	38	37	35	33	31	28	24	18				
4XRSm8/10-1.5	4XRS8/10-1.5	1.5	2		59	57	55	52	50	47	44	40	34	25				
4XRSm8/15-2.2	4XRS8/15-2.2	2.2	3		89	85	82	79	75	71	66	60	51	38				
-	4XRS8/18-3	3	4		107	102	98	94	90	85	79	72	61	46				
-	4XRS8/25-4	4	5.5		149	142	137	131	125	119	110	100	85	64				
-	4XRS8/36-5.5	5.5	7.5		214	204	197	189	180	171	158	143	122	91				
-	4XRS8/50-7.5	7.5	10		297	284	273	262	250	237	220	199	170	127				

4XRS 14



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	H(m)														
					m ³ /h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18			
4XRSm14/5-1.5	4XRS14/5-1.5	1.5	2	l/min	0	30	60	90	120	150	180	210	240	270	300				
4XRSm14/7-2.2	4XRS14/7-2.2	2.2	3		32	31	29	28	27	26	24	23	20	18	14				
-	4XRS14/10-3	3	4		45	43	41	39	38	36	34	32	29	25	20				
-	4XRS14/13-4	4	5.5		64	62	59	56	54	51	49	45	41	35	28				
-	4XRS14/18-5.5	5.5	7.5		83	80	76	73	70	67	63	59	53	46	37				
-	4XRS14/22-7.5	7.5	10		115	111	106	101	97	92	88	82	74	64	51				
-					138	133	125	119	114	109	103	97	85	71	55				

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"

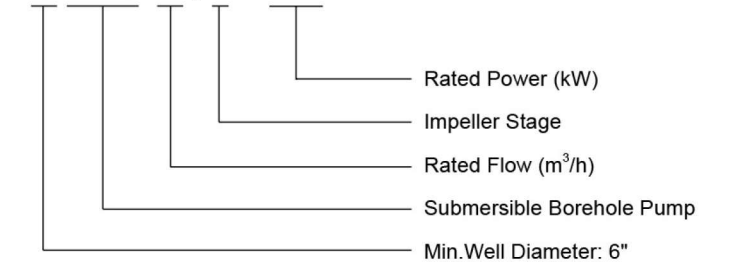
Motor and Pump

- 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

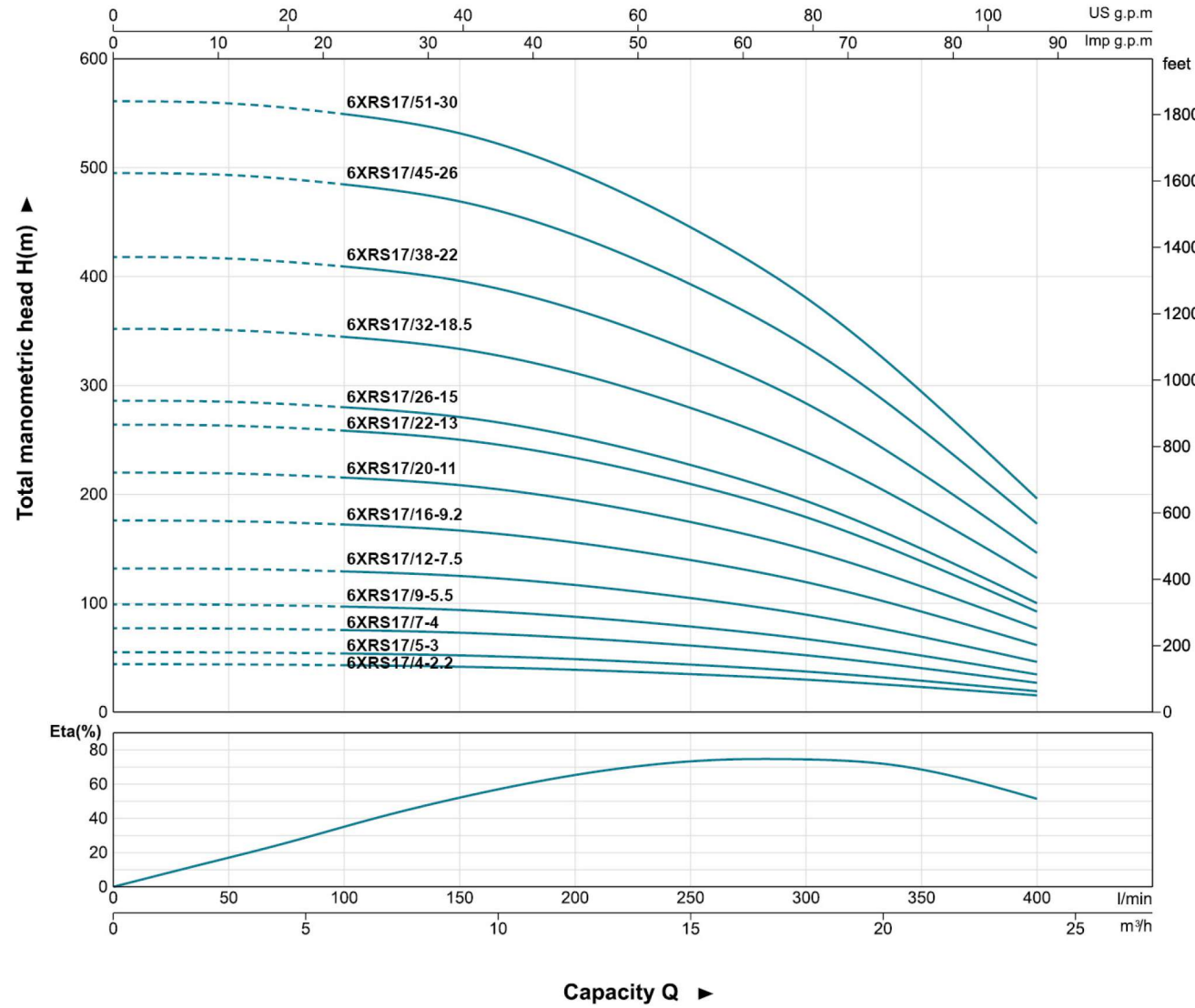


Components	Material
Delivery casing	AISI 304
Suction lantern	AISI 304
Diffuser	AISI 304
Impeller	AISI 304
Shaft	AISI 431
Shaft coupling	AISI 304
Wear ring	AISI 304
Motor external casing	AISI 201
Top chock	Cast-iron
Bottom support	Cast-iron
Seal	Special seal for deep well Graphite-Ceramic
Shaft	AISI 630+40Cr

6 XRS 17/4 - 2.2



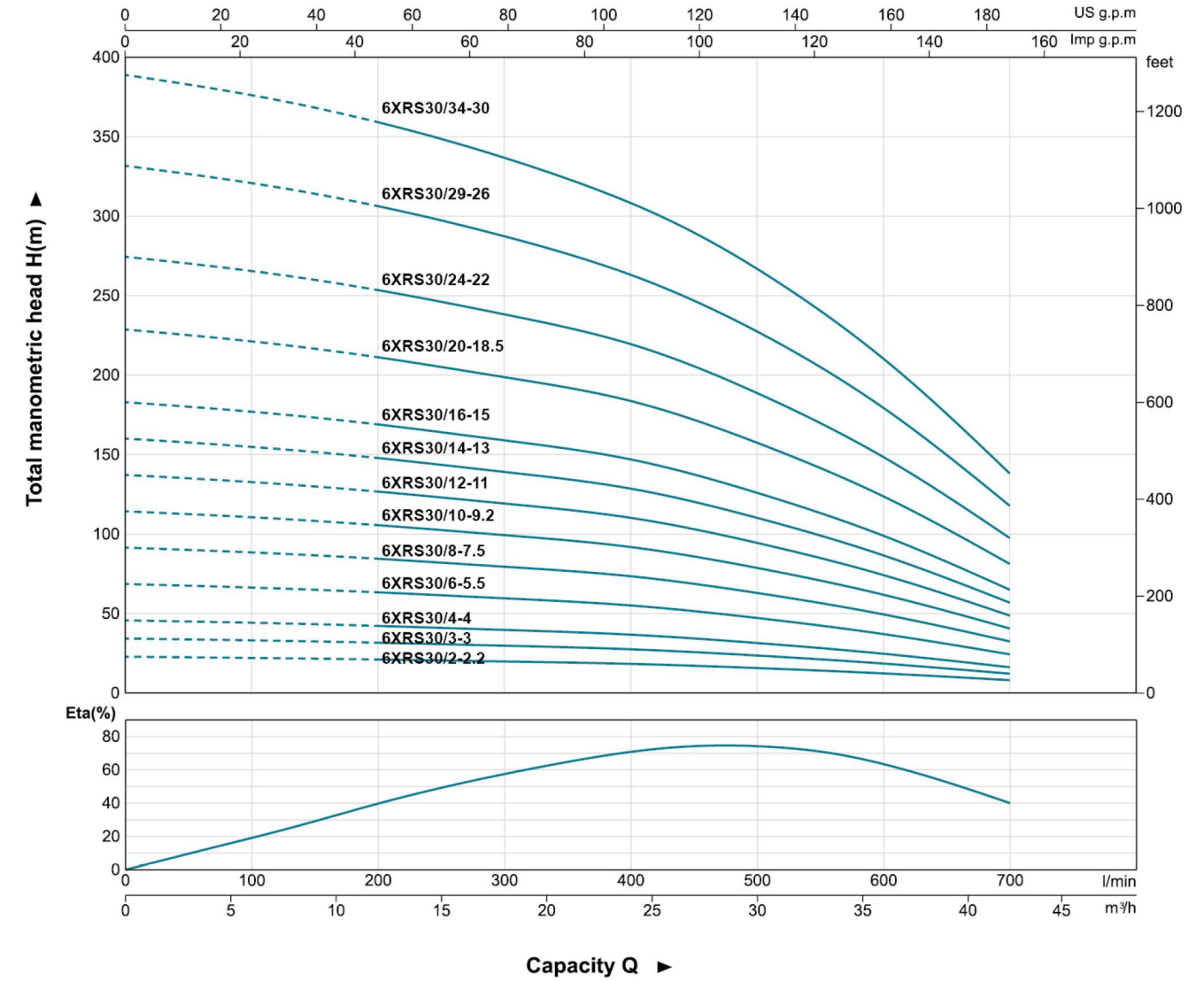
6XRS 17



Technical Data

MODEL	P ₂		Q	DELIVERY									
	kW	HP		n ≈ 2850 1/min									
			m³/h l/min	0	3	6	9	12	15	18	21	24	
6XRS17/4-2.2	2.2	3		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	H(m)	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	

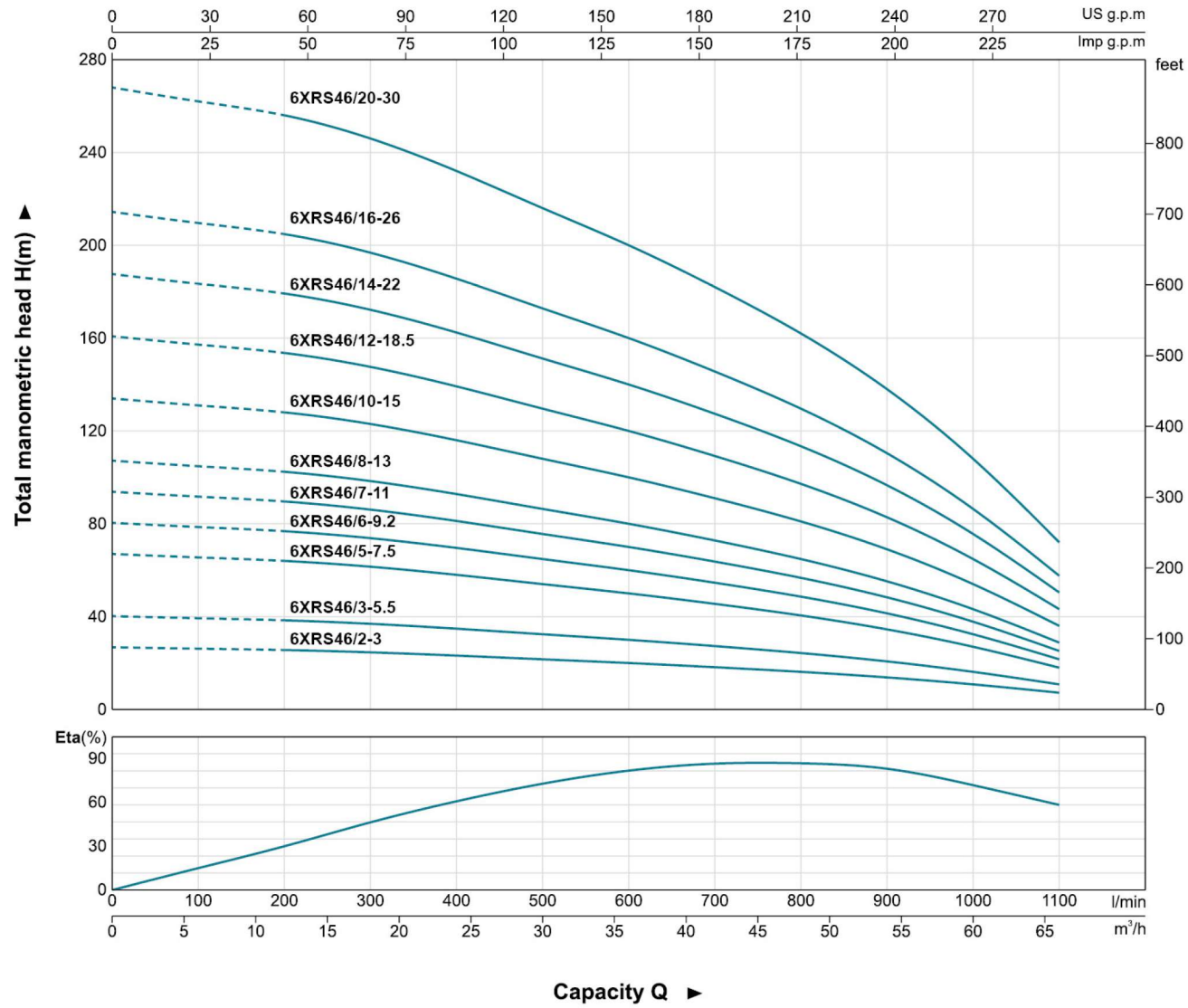
6XRS 30



Technical Data

MODEL	P ₂		Q	DELIVERY									
	kW	HP		n ≈ 2850 1/min									
			m³/h l/min	0	6	12	18	24	30	36	42		
6XRS30/2-2.2	2.2	3		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	H(m)	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		

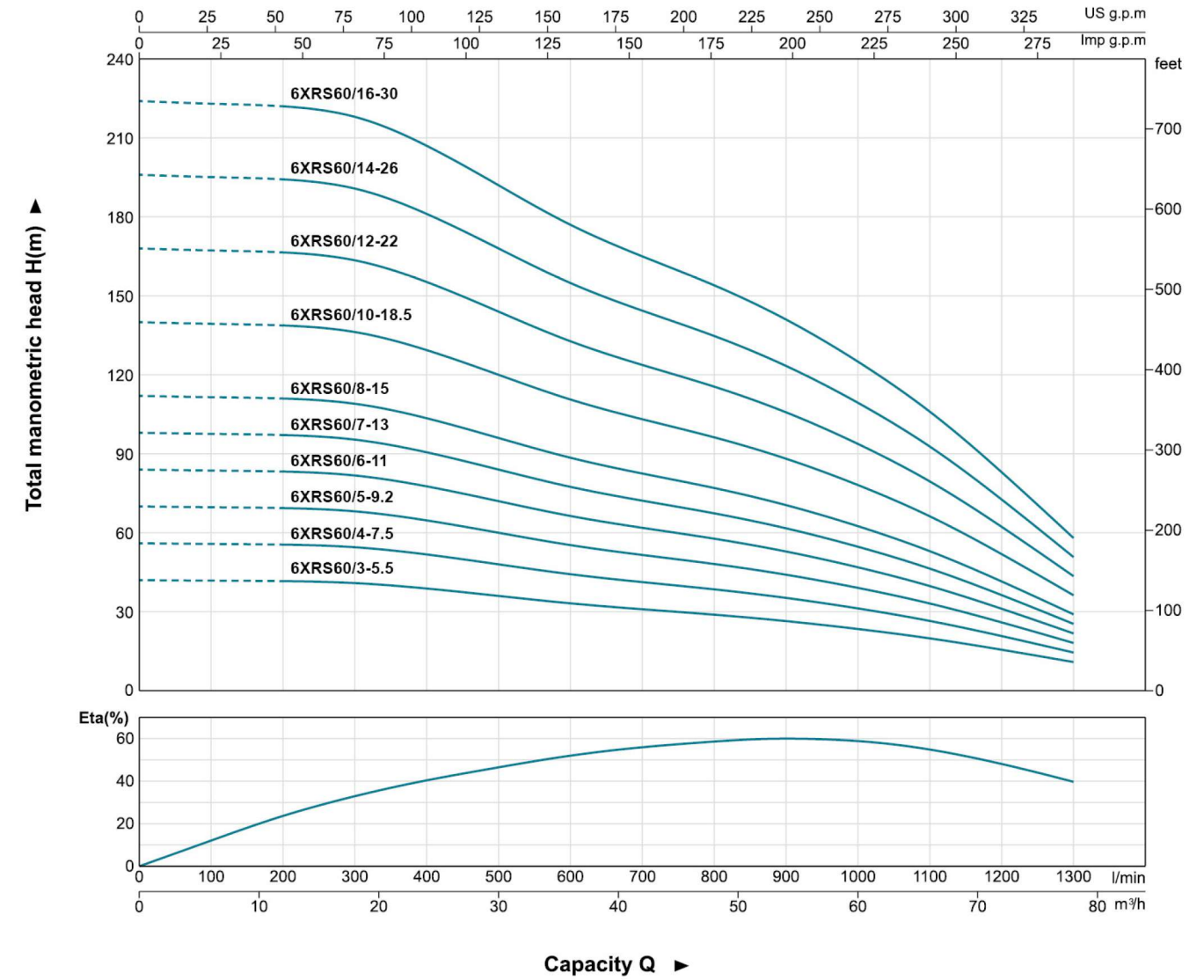
6XRS 46



Technical Data

MODEL	P ₂		DELIVERY												
	kW	HP	n ≈ 2850 1/min												
			Q	0	6	12	18	24	30	36	42	48	54	60	66
			m³/h	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		DELIVERY														
	kW	HP	n ≈ 2850 1/min														
			Q	0	6	12	18	24	30	36	42	48	54	60	66	72	78
			m³/h	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

6XRP 18



6XRP

Applications

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

Operating conditions

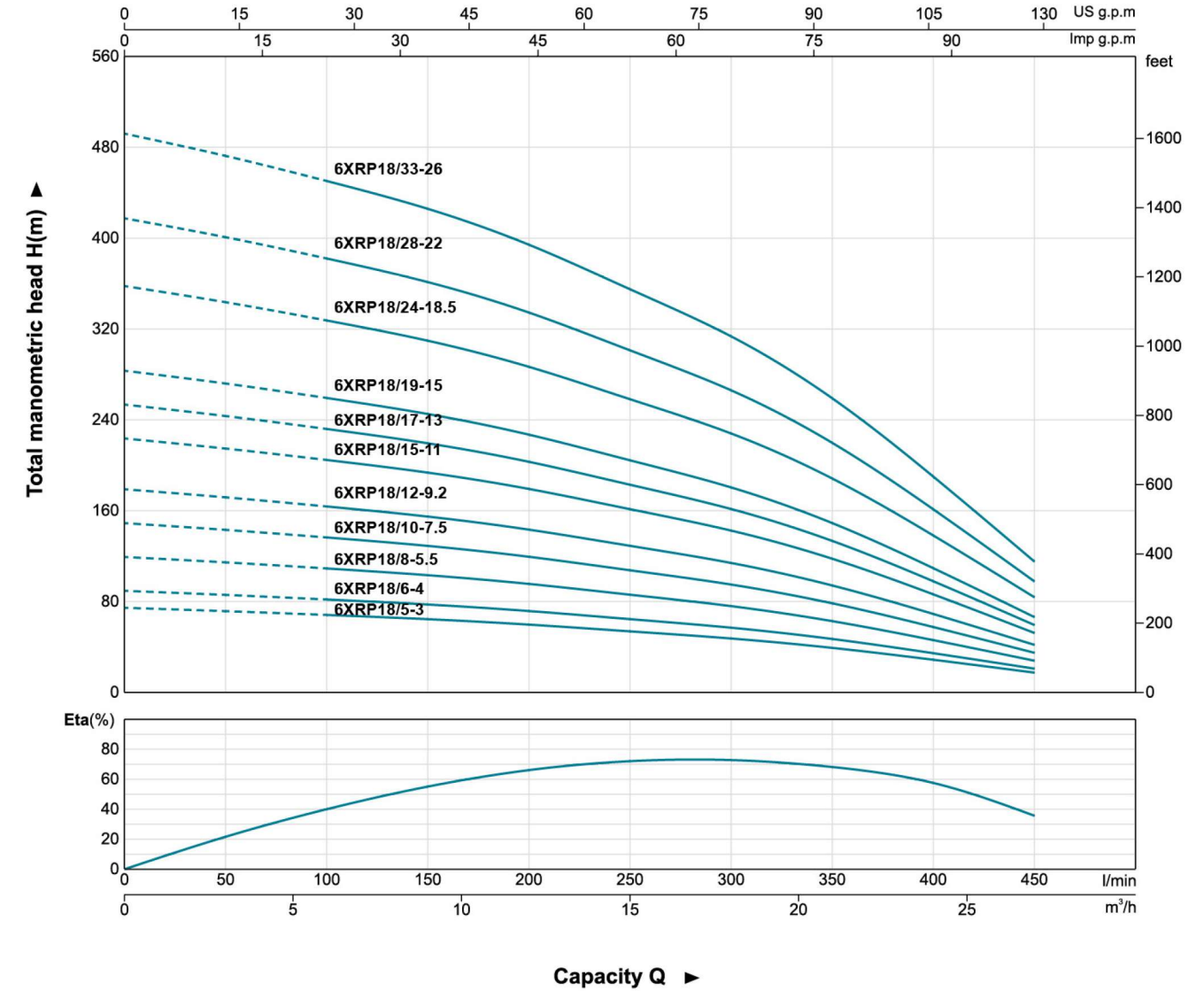
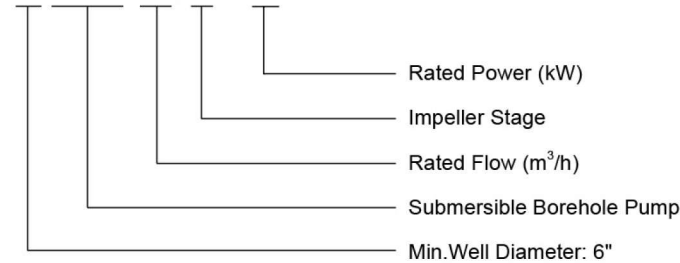
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 100 m
- Minimum well diameter: 6"

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
Pump external casing	AISI 201
Delivery casing	Cast-iron
Suction lantern	Cast-iron
Diffuser	Plastic.PC
Impeller	Plastic.PC
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

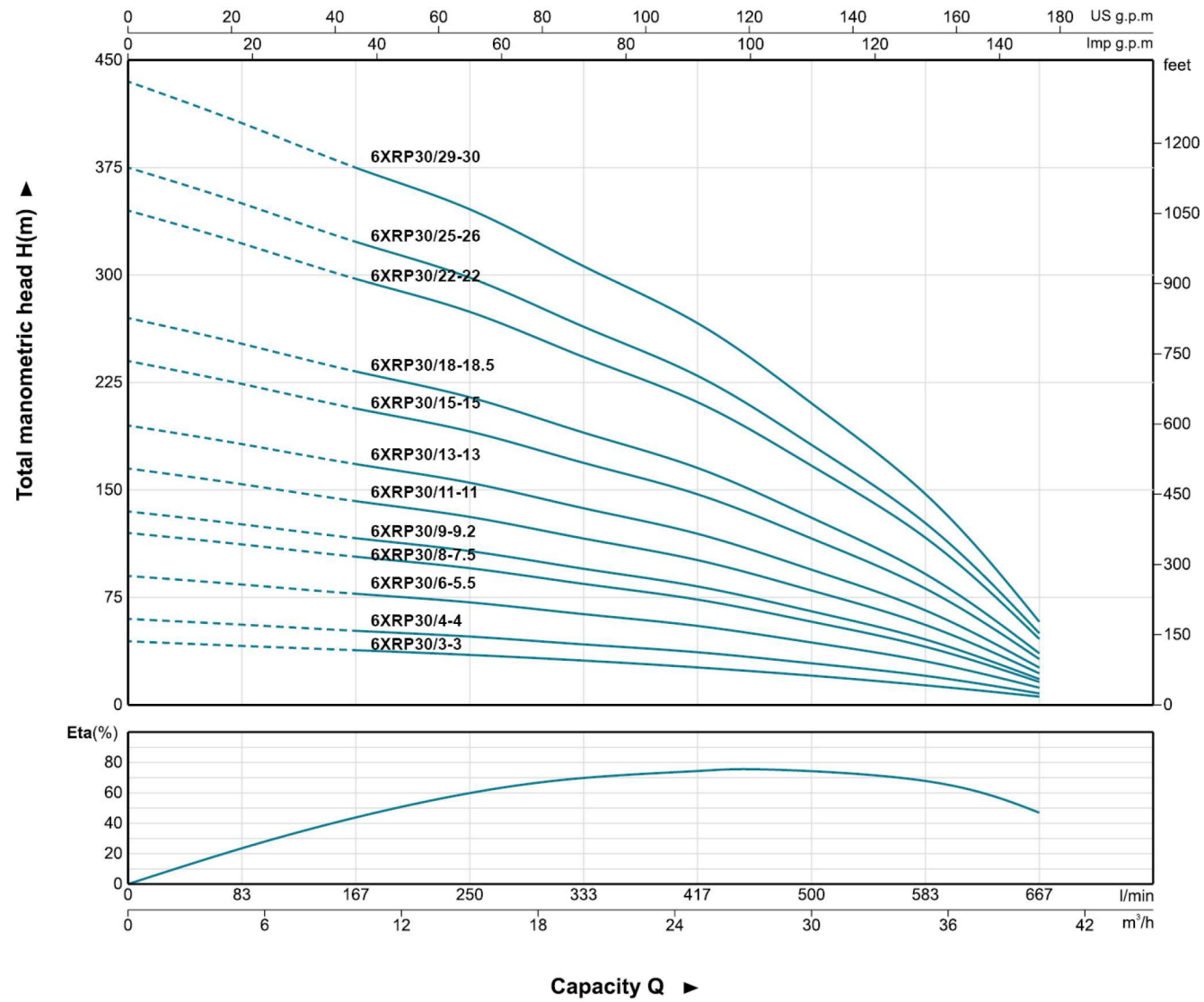
6 XRP 18/5 - 3



Technical Data

MODEL	P ₂		Q m ³ /h l/min	DELIVERY n ≈ 2850 1/min											
	kW	HP		0	3	6	9	12	15	18	21	24	27		
6XRP18/5-3	3	4	H(m)	75	72	68	64	60	54	48	39	29	17		
6XRP18/6-4	4	5.5		89	86	82	77	72	65	57	47	34	21		
6XRP18/8-5.5	5.5	7.5		119	114	109	103	96	86	76	63	46	28		
6XRP18/10-7.5	7.5	10		149	143	136	129	119	108	95	78	57	35		
6XRP18/12-9.2	9.2	12.5		179	172	164	155	143	129	114	94	69	42		
6XRP18/15-11	11	15		224	215	205	193	179	161	143	118	86	52		
6XRP18/17-13	13	17.5		253	243	232	219	203	183	162	133	97	59		
6XRP18/19-15	15	20		283	272	259	245	227	204	181	149	109	66		
6XRP18/24-18.5	18.5	25		358	343	327	309	287	258	228	188	137	84		
6XRP18/28-22	22	30		417	400	382	361	334	301	266	220	160	98		
6XRP18/33-26	26	35		492	472	450	425	394	355	314	259	189	115		

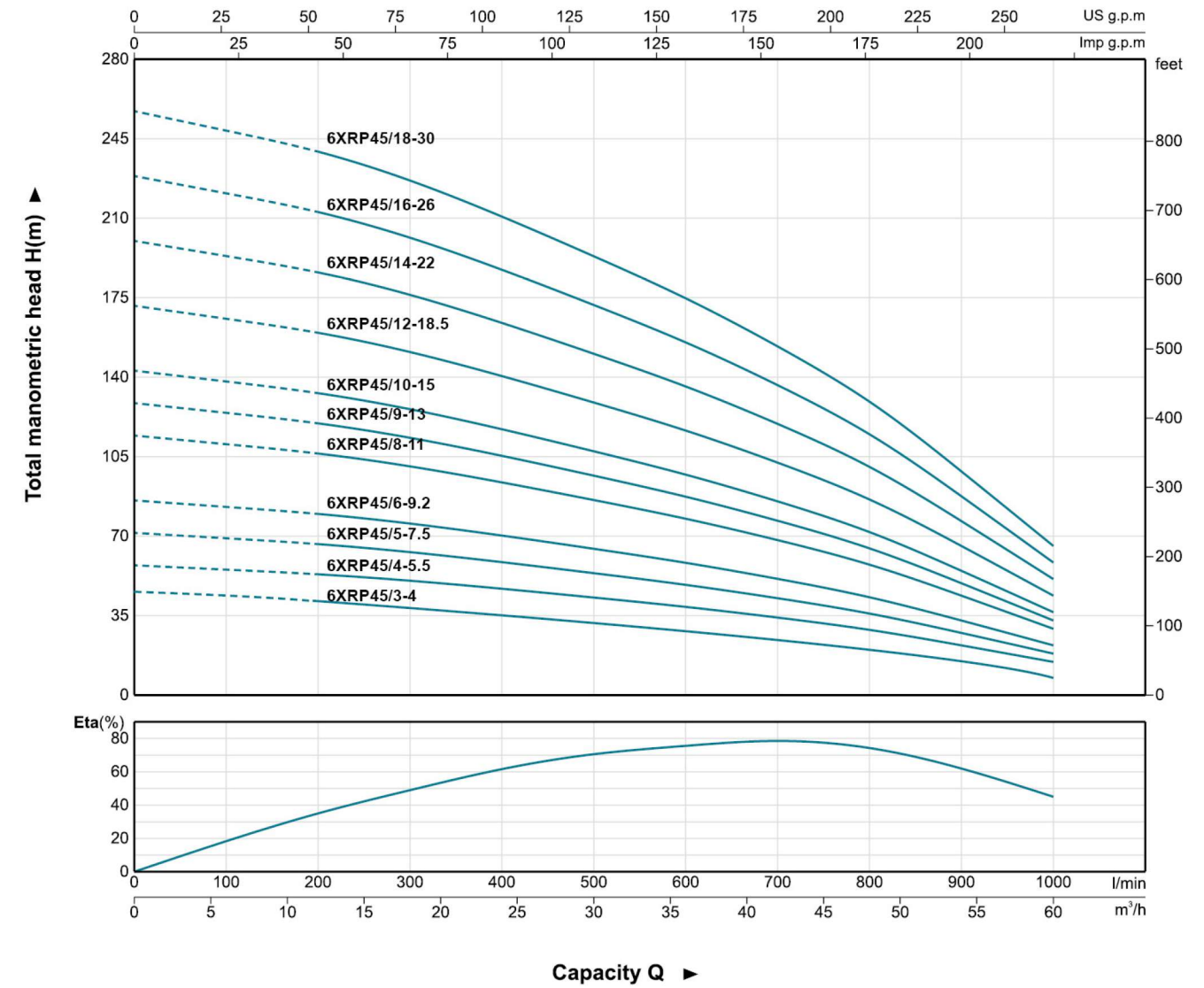
6XRP 30



Technical Data

MODEL	P ₂		Q	DELIVERY									
	kW	HP		n ≈ 2850 1/min									
			m³/h l/min	0	5	10	15	20	25	30	35	40	
				0	83	167	250	333	417	500	583	667	
6XRP30/3-3	3	4	H(m)	45	42	39	36	32	28	22	15	6	
6XRP30/4-4	4	5.5		60	56	52	48	42	37	29	20	8	
6XRP30/6-5.5	5.5	7.5		90	84	78	72	63	55	44	30	12	
6XRP30/8-7.5	7.5	10		120	112	103	95	84	73	58	41	16	
6XRP30/9-9.2	9.2	12.5		135	126	116	107	95	83	65	46	18	
6XRP30/11-11	11	15		165	154	142	131	116	101	80	56	22	
6XRP30/13-13	13	17.5		195	182	168	155	137	119	95	66	26	
6XRP30/15-15	15	20		225	210	194	179	158	138	109	76	30	
6XRP30/18-18.5	18.5	25		270	252	233	215	190	165	131	91	36	
6XRP30/22-22	22	30		330	308	284	262	232	202	160	112	44	
6XRP30/25-26	26	35		375	350	323	298	264	229	182	127	50	
6XRP30/29-30	30	40		435	406	375	346	306	266	211	147	58	

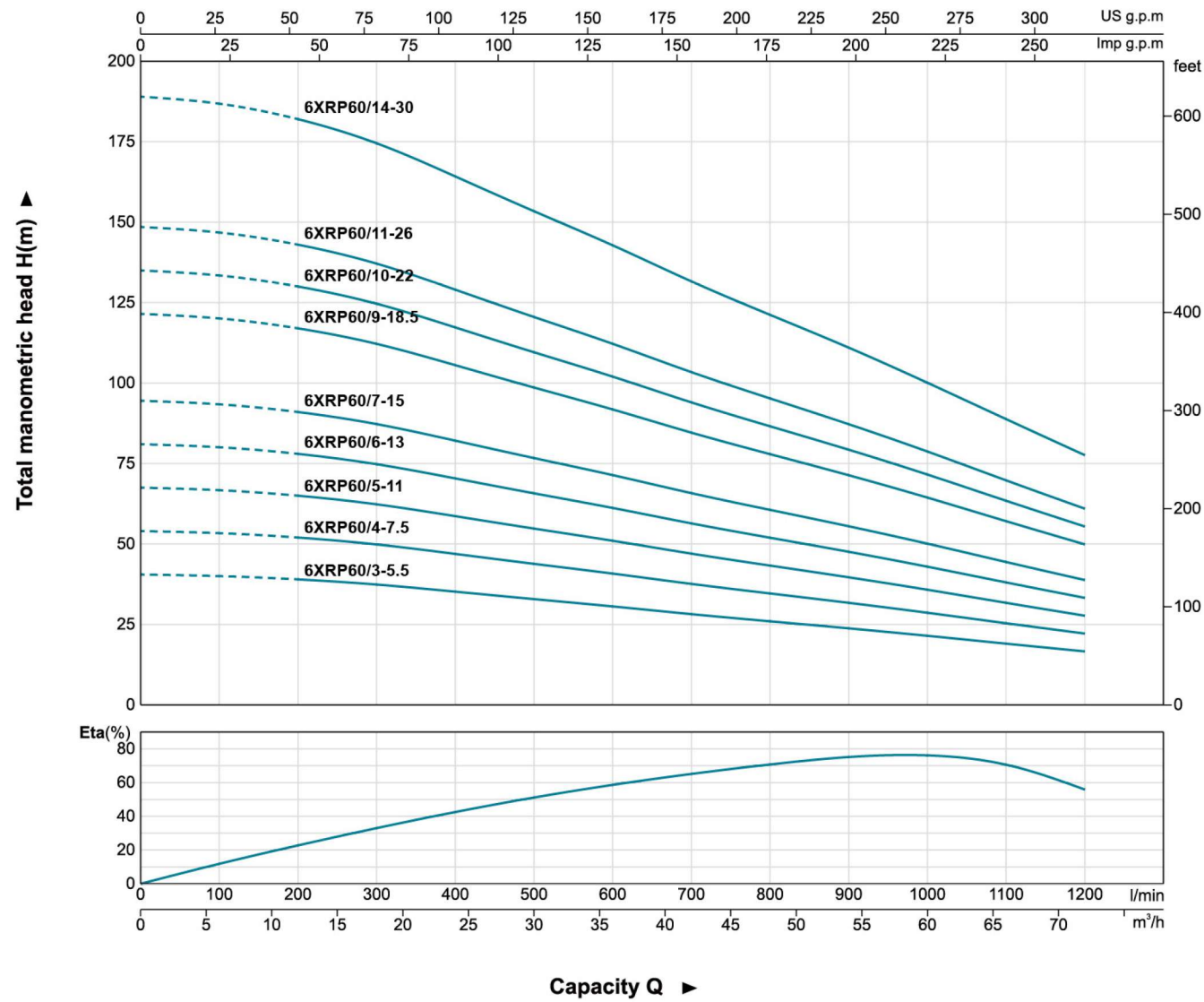
6XRP 45



Technical Data

MODEL	P ₂		Q	DELIVERY											
	kW	HP		n ≈ 2850 1/min											
			m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	
				0	100	200	300	400	500	600	700	800	900	1000	
6XRP45/3-4	4	5.5	H(m)	43	41	40	38	35	32	29	26	22	16	11	
6XRP45/4-5.5	5.5	7.5		57	55	53	50	47	43	39	34	29	22	15	
6XRP45/5-7.5	7.5	10		71	69	66	63	58	54	48	43	36	27	18	
6XRP45/6-9.2	9.2	12.5		86	83	80	76	70	64	58	51	43	33	22	
6XRP45/8-11	11	15		114	110	106	101	94	86	78	68	58	44	29	
6XRP45/9-13	13	17.5		129	124	120	113	105	97	87	77	65	49	33	
6XRP45/10-15	15	20		143	138	133	126	117	107	97	85	72	54	36	
6XRP45/12-18.5	18.5	25		172	166	160	151	140	129	116	103	86	65	44	
6XRP45/14-22	22	30		200	193	186	176	164	150	136	120	101	76	51	
6XRP45/16-26	26	35		229	221	213	202	187	172	155	137	115	87	58	
6XRP45/18-30	30	40		257	248	239	227	211	194	175	154	130	98	66	

6XRP 60



Technical Data

MODEL	P ₂		DELIVERY n ≈ 2850 1/min													
	kW	HP	Q	H(m)												
				m ³ /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	1200
6XRP60/3-5.5	5.5	7.5		41	40	39	37	35	33	31	28	26	24	22	19	17
6XRP60/4-7.5	7.5	10		54	53	52	50	47	44	41	38	34	32	29	26	22
6XRP60/5-11	11	15		68	67	65	62	59	55	51	47	43	40	36	32	28
6XRP60/6-13	13	17.5		81	80	78	75	70	66	61	57	51	48	43	39	33
6XRP60/7-15	15	20		95	93	91	87	82	76	71	66	60	55	50	45	39
6XRP60/9-18.5	18.5	25		122	120	117	112	105	98	92	85	77	71	65	58	50
6XRP60/10-22	22	30		135	134	130	125	117	109	102	94	86	79	72	64	56
6XRP60/11-26	26	35		149	147	143	138	129	120	112	104	94	87	79	71	61
6XRP60/14-30	30	40		189	187	182	175	164	153	143	132	120	111	101	90	78

4DWP

Applications

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

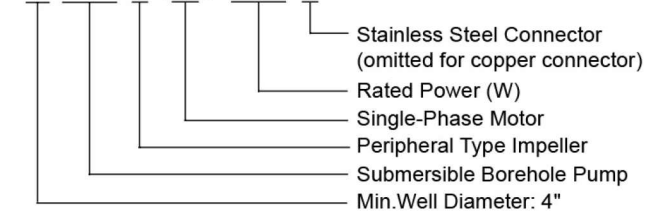
Operating conditions

- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.15%
- Maximum immersion: 50 m
- Minimum well diameter: 4"

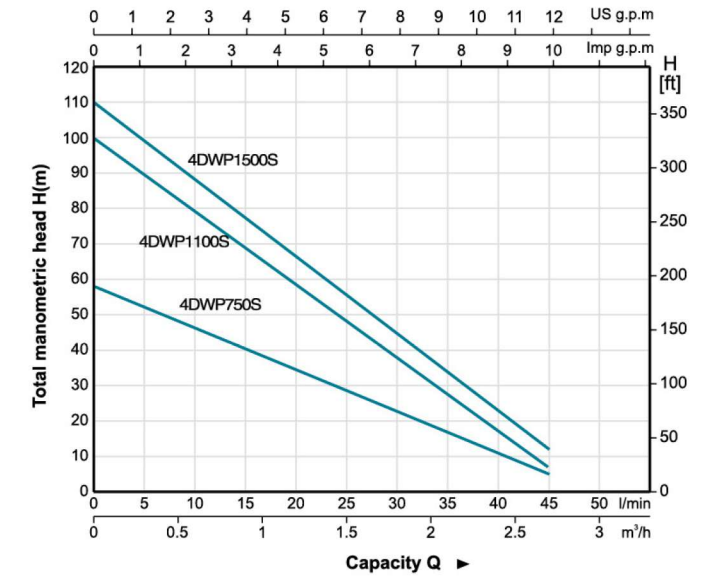
Motor and Pump

- Rewindable motor
- **Single-Phase:** 220 - 240V/50Hz
- **Three-Phase:** 380 - 415V/50Hz
- Equip with start control box or digital auto - control box
- Curve tolerance according to ISO 2548

4 DW P(m) 750 S



Components	Material
Delivery casing	AISI 201
Suction lantern	AISI 201
Diffuser	AISI 201
Impeller	Cast-Cu ASTM280
Strainer	AISI 304
Motor external casing	AISI 304
Top chock	Cast-Cu
Bottom support	AISI 304
Mechanical seal	Carbon/Ceramic
Shaft	AISI 304 - C1045
Seal lubricant oil	Oil for food machinery and pharmaceutical use.



Technical Data

Model		P ₂		Delivery												
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	H(m)											
					m ³ /h	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		
4DWPm750S	4DWP750S	0.75	1		58	52	46	40	34	28	22	16	10	5		
4DWPm1100S	4DWP1100S	1.1	1.5		100	89	79	69	59	48	38	28	17	7		
4DWPm1500S	4DWP1500S	1.5	2		110	99	88	78	67	56	45	34	23	12		



5DW

Applications

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

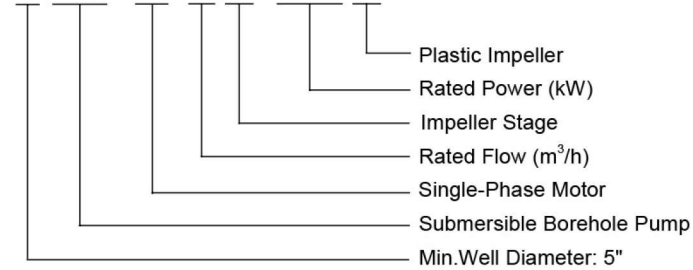
Operating conditions

- Maximum fluid temperature up to +35°C
- Minimum immersion: 100 mm
- Maximum immersion: 20 m
- Minimum well diameter: 5"

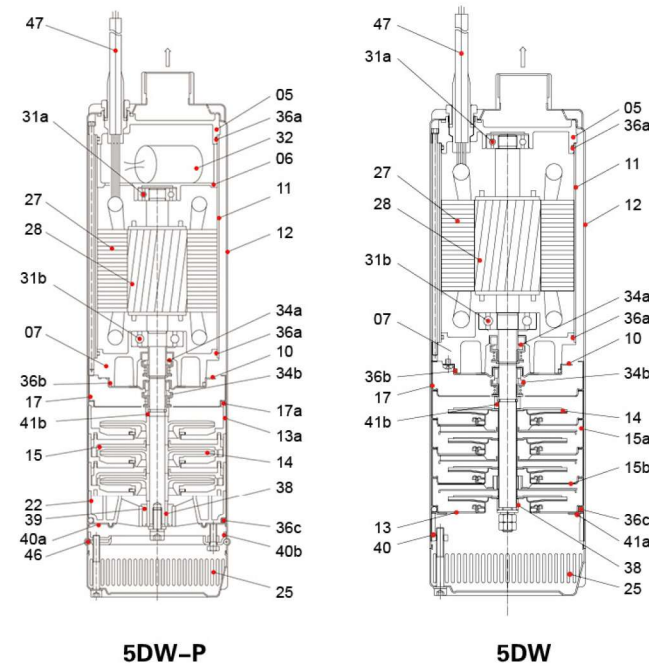
Motor and Pump

- Rewindable motor
- **Single-Phase:** 220 - 240V/50Hz
- **Three-Phase:** 380 - 415V/50Hz
- Cable length: 15 m
- Insulation class: F
- Protection class: IP68

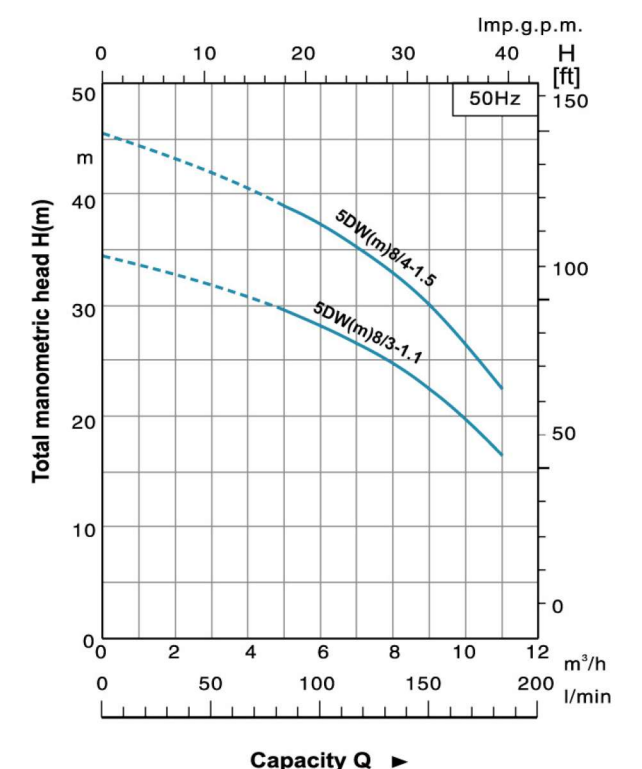
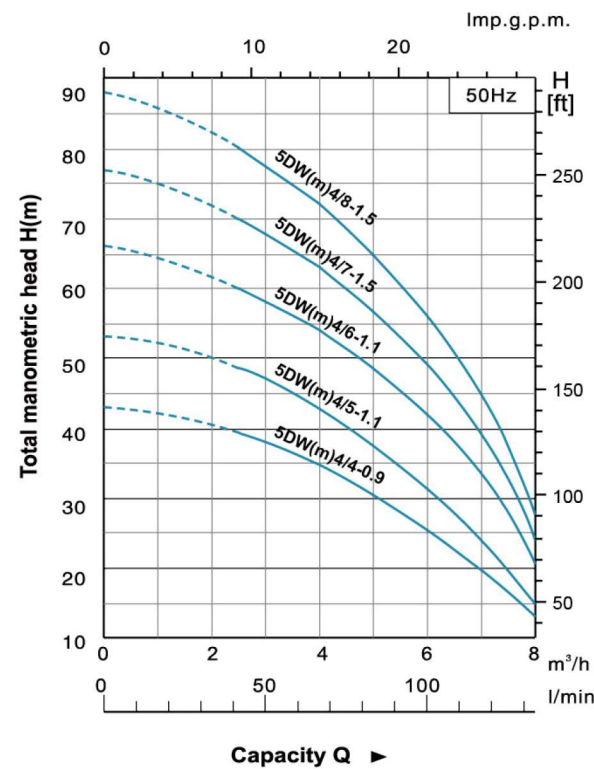
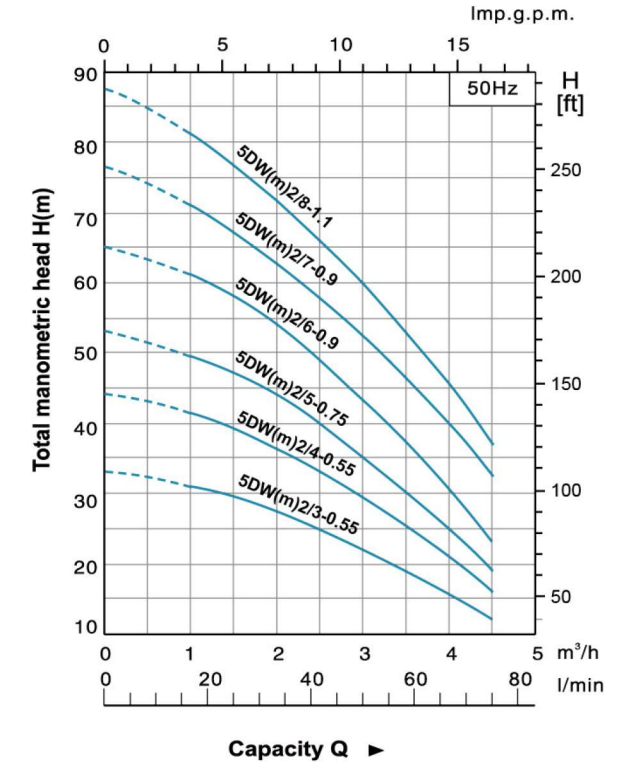
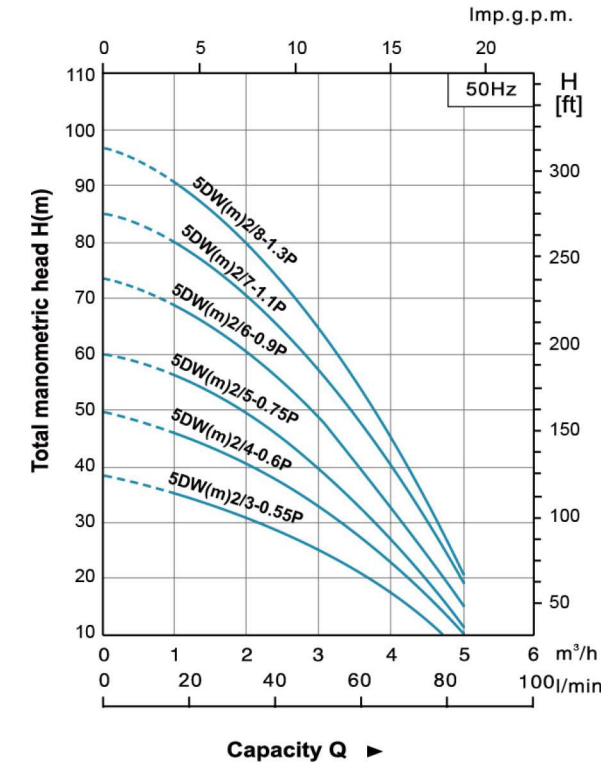
5 DW (m) 2/3-0.55 P



No.	Components	Material	
		5DW-P	5DW
5	Upper cover	Cast iron (Standard) Cast Cu & AISI 304 Optional	Cast Cu (Standard) AISI304 Optional
7	Bearing house		
6	Up-bearing house	Aluminum die casting	
10	Seal bracket	AISI304	AISI304
11	Motor casing	AISI304	AISI304
12	Outer casing	AISI304	AISI304
13	Pump casing	AISI304	AISI304
14	Impeller	PPO	AISI304
15	Diffuser	PPO	AISI304
17	Suction interconnector	AISI304	
17a	Coupling ring	PPO	/
22	Seat assembly	PPO	/
25	Strainer	AISI304	
27	Stator		
28	Rotor		
31a,b	Bearing		
32	Capacitor		
34a	Mechanical Seal	Carbon/Ceramic	
34b	Mechanical Seal	Sic/Sic	
36a,b,c	O-ring	NBR	
38	Shaft sleeve	AISI304	
39	Bush bearing	PU	/
40	Clamp ring	/	AISI304
40a	Sealing plate	AISI304	/
40b	Locking plate	AISI304	/
41a	Shim	/	AISI304
41b	Pressing block	AISI304	AISI304
46	Circlips	AISI304	/
47	Cable	H07RN-F	



Hydraulic Performance Curves



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m ³ /h l/min	0	1	1.5	2	2.5	3	3.5	4	4.5	5
					0	16.6	25	33.3	41.6	50	58.3	66.6	75	83.2
5DWm2/3-0.55P	5DW2/3-0.55P	0.55	0.75	H(m)	38	35	33	31	28.5	25	20.5	16.5	12	7
5DWm2/4-0.6P	5DW2/4-0.6P	0.6	0.8		49	46	43.5	40	37	32.5	27.5	22	16	10
5DWm2/5-0.75P	5DW2/5-0.75P	0.75	1		60	56	52.5	48.5	44	39	33	26	19	11
5DWm2/6-0.9P	5DW2/6-0.9P	0.9	1.2		73	68	64	60	54	48	40.5	32	23	14.5
5DWm2/7-1.1P	5DW2/7-1.1P	1.1	1.5		85	80	76	70	65	57	48	38.5	30	18
5DWm2/8-1.3P	5DW2/8-1.3P	1.3	1.75		97	91	87	80	74	65	55	44	32	20

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m ³ /h l/min	0	1	1.5	2	2.5	3	3.5	4	4.5	5
					0	16.6	25	33.3	41.6	50	58.3	66.6	75	83.2
5DWm2/3-0.55	5DW2/3-0.55	0.55	0.75	H(m)	33	31	29.5	27.5	25	22	19	16	12	
5DWm2/4-0.55	5DW2/4-0.55	0.55	0.75		44	41.5	39.5	36.5	33.5	29.5	25.5	21	16	
5DWm2/5-0.75	5DW2/5-0.75	0.75	1		53	49.5	47	44	40	35	30	25	19	
5DWm2/6-0.9	5DW2/6-0.9	0.9	1.2		65	61	58	54	49	43	37	30.5	23	
5DWm2/7-0.9	5DW2/7-0.9	0.9	1.2		76.5	71	67.5	62.5	57.5	52.5	46	40	32.5	
5DWm2/8-1.1	5DW2/8-1.1	1.1	1.5		87.5	81	77	71.5	66	60	52.5	46	37	

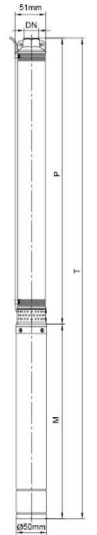
MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m ³ /h l/min	0	2.5	3	3.5	4	4.5	5	6	7	8
					0	41.6	50	58.3	66.6	75	83.3	100	116	133
5DWm4/4-0.9	5DW4/4-0.9	0.9	1.2	H(m)	43	39	38	36.5	35	33	30	25.5	19.5	13
5DWm4/5-1.1	5DW4/5-1.1	1.1	1.5		53	48	46.5	45	43	40	37.5	32	24	15
5DWm4/6-1.1	5DW4/6-1.1	1.1	1.5		66	60	58	56	54	51.5	49	42	34	20.5
5DWm4/7-1.5	5DW4/7-1.5	1.5	2		77	70	68	65.5	63	60	57	49	39.5	24
5DWm4/8-1.5	5DW4/8-1.5	1.5	2		88	80	77.5	75	72	68.5	65	56	45	27.5

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m ³ /h l/min	0	5	6	7	8	9	10	11	12	
					0	83.3	100	116	133	150	166	183	200	
5DWm8/3-1.1	5DW8/3-1.1	1.1	1.5	H(m)	34.5	29.5	28	26.5	24.5	22.5	20	16.5	13	
5DWm8/4-1.5	5DW8/4-1.5	1.5	2		45.5	39	37	35	32.5	30	26.5	22.5	18	

2XR 0.7

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(s)	T(s)	P	M(s)	T(s)
2XRm0.7/26-0.18	1/2"	3/4"	778	499	1277	2.0	4.3	6.3
2XRm0.7/32-0.25	1/2"	3/4"	942	499	1441	2.3	4.3	6.6
2XRm0.7/38-0.37	1/2"	3/4"	1084	499	1583	2.6	4.3	6.9

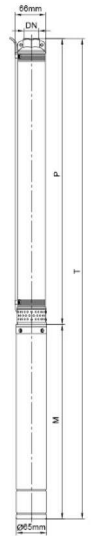
* S = Single phase



2.5XR 2

MODEL	DN	Dimension(mm)			Weight(kg)		
		P	M(s)	T(s)	P	M(s)	T(s)
2.5XRm2/12-0.18	1"	437	445	882	3.3	6.9	10.2
2.5XRm2/17-0.25	1"	570	578	1148	3.8	7.6	11.4
2.5XRm2/24-0.37	1"	779	787	1546	4.1	8.2	12.3
2.5XRm2/31-0.55	1"	993	1001	1994	4.4	8.9	13.3

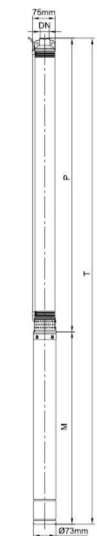
* S = Single phase



3XR 2

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(s)	T(s)	P	M(s)	T(s)
3XRm2/8-0.18	1"	1 1/4"/1 1/2"	377	288	665	1.8	4	5.8
3XRm2/11-0.25	1"	1 1/4"/1 1/2"	444	308	752	2.1	4.8	6.9
3XRm2/15-0.37	1"	1 1/4"/1 1/2"	535	338	873	2.4	5.6	8
3XRm2/21-0.55	1"	1 1/4"/1 1/2"	694	368	1062	3.2	6.4	9.6
3XRm2/27-0.75	1"	1 1/4"/1 1/2"	830	408	1238	3.5	7.5	11
3XRm2/38-1.1	1"	1 1/4"/1 1/2"	1101	493	1594	4.9	10	14.9
3XRm2/46-1.5	1"	1 1/4"/1 1/2"	1306	543	1849	5.8	11.3	17.1

* S = Single phase



3XR 3

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(s)	T(s)	P	M(s)	T(s)
3XRm3/8-0.25	1"	1 1/4"/1 1/2"	405	308	713	1.8	4.8	6.6
3XRm3/11-0.37	1"	1 1/4"/1 1/2"	483	338	821	2.1	5.6	7.7
3XRm3/16-0.55	1"	1 1/4"/1 1/2"	613	368	981	2.5	6.4	8.9
3XRm3/21-0.75	1"	1 1/4"/1 1/2"	768	408	1176	3.2	7.5	10.7
3XRm3/31-1.1	1"	1 1/4"/1 1/2"	1029	493	1522	4.1	10	14.1
3XRm3/37-1.5	1"	1 1/4"/1 1/2"	1209	543	1752	4.7	11.3	16

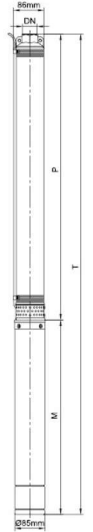
* S = Single phase



3.5XR 3

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(s)	T(s)	P	M(s)	T(s)
3.5XRm3/6-0.25	1 1/4"	1 1/2"	367	303	670	2.1	5.5	7.6
3.5XRm3/8-0.37	1 1/4"	1 1/2"	419	318	737	2.5	6.1	8.6
3.5XRm3/11-0.55	1 1/4"	1 1/2"	498	338	836	3	6.8	9.8
3.5XRm3/14-0.75	1 1/4"	1 1/2"	577	363	940	3.5	7.8	11.3
3.5XRm3/20-1.1	1 1/4"	1 1/2"	760	413	1173	4.8	9.9	14.7
3.5XRm3/26-1.5	1 1/4"	1 1/2"	918	463	1381	5.8	11.8	17.6

* S = Single phase



3XR 4

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(s)	T(s)	P	M(s)	T(s)
3XRm4/6-0.25	1 1/4"	1 1/2"/1 1/4"	397	308	705	1.7	4.8	6.5
3XRm4/9-0.37	1 1/4"	1 1/2"/1 1/4"	498	338	836	2	5.6	7.6
3XRm4/12-0.55	1 1/4"	1 1/2"/1 1/4"	599	368	967	2.3	6.4	8.7
3XRm4/16-0.75	1 1/4"	1 1/2"/1 1/4"	757	408	1165	2.8	7.5	10.3
3XRm4/24-1.1	1 1/4"	1 1/2"/1 1/4"	1026	493	1519	3.9	10	13.9
3XRm4/28-1.5	1 1/4"	1 1/2"/1 1/4"	1184	543	1727	4.3	11.3	15.6

* S = Single phase



3.5XR 4

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(s)	T(s)	P	M(s)	T(s)
3.5XRm4/7-0.37	1 1/4"	1 1/2"	413	318	731	2.3	6.1	8.4
3.5XRm4/9-0.55	1 1/4"	1 1/2"	471	338	809	2.7	6.8	9.5
3.5XRm4/11-0.75	1 1/4"	1 1/2"	529	363	892	3	7.8	10.8
3.5XRm4/16-1.1	1 1/4"	1 1/2"	700	413	1113	3.9	9.9	13.8
3.5XRm4/21-1.5	1 1/4"	1 1/2"	845	463	1308	5	11.8	16.8

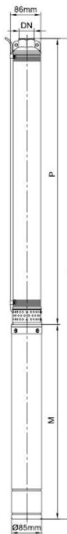
* S = Single phase



3.5XR 2

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(s)	T(s)	P	M(s)	T(s)
3.5XRm2/8-0.25	1 1/4"	1 1/2"	396	303	699	1.8	5.5	7.3
3.5XRm2/11-0.37	1 1/4"	1 1/2"	466	318	784	2.1	6.1	8.2
3.5XRm2/14-0.55	1 1/4"	1 1/2"	536	338	874	2.3	6.8	9.1
3.5XRm2/17-0.75	1 1/4"	1 1/2"	607	363	970	2.6	7.8	10.4
3.5XRm2/25-1.1	1 1/4"	1 1/2"	819	413	1232	3.6	9.9	13.5
3.5XRm2/33-1.5	1 1/4"	1 1/2"	1007	463	1470	4.3	11.8	16.1

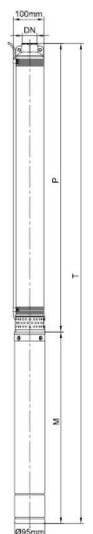
* S = Single phase



4XR 2

MODEL		DN		Dimension(mm)					Weight(kg)				
1~ 220V/240V	3~ 380V/415V	Standard	Optional	P	M(s)	M(τ)	T(s)	T(τ)	P	M(s)	M(τ)	T(s)	T(τ)
4XRm2/7-0.25	4XR2/7-0.25	1 1/4"	1 1/2"	392	299	299	691	691	3.3	5.5	5.8	8.8	9.1
4XRm2/9-0.37	4XR2/9-0.37	1 1/4"	1 1/2"	440	314	314	754	754	3.8	6.7	6.7	10.5	10.5
4XRm2/12-0.55	4XR2/12-0.55	1 1/4"	1 1/2"	514	329	329	843	843	4.6	7.3	7.3	11.9	11.9
4XRm2/15-0.75	4XR2/15-0.75	1 1/4"	1 1/2"	587	359	344	946	931	5.2	8.7	8.0	13.9	13.2
4XRm2/21-1.1	4XR2/21-1.1	1 1/4"	1 1/2"	765	399	379	1164	1144	6.7	10.6	9.8	17.3	16.5
4XRm2/28-1.5	4XR2/28-1.5	1 1/4"	1 1/2"	936	449	424	1385	1360	8.4	12.9	11.7	21.3	20.1
4XRm2/37-2.2	4XR2/37-2.2	1 1/4"	1 1/2"	1155	554	514	1709	1669	10.7	17.7	15.7	28.4	26.4
-	4XR2/47-3	1 1/4"	1 1/2"	1431	-	594	-	2025	13.1	-	19.8	-	32.9
-	4XR2/58-4	1 1/4"	1 1/2"	1699	-	669	-	2368	15.8	-	23.7	-	39.5

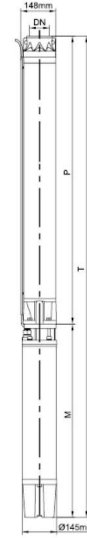
* S = Single phase * T = Three phase



6XRP 45

MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(τ)	T(τ)	P	M(τ)	T(τ)
6XRP45/3-4	2 1/2"	3 3/4"	675	599	1274	16.1	40.3	56.4
6XRP45/4-5.5	2 1/2"	3 3/4"	767	639	1406	17.4	44.8	62.2
6XRP45/5-7.5	2 1/2"	3 3/4"	859	689	1548	18.7	50.4	69.1
6XRP45/6-9.2	2 1/2"	3 3/4"	951	739	1690	20.0	56.0	76.0
6XRP45/8-11	2 1/2"	3 3/4"	1207	789	1996	22.6	61.7	84.3
6XRP45/9-13	2 1/2"	3 3/4"	1299	839	2138	23.9	67.3	91.2
6XRP45/10-15	2 1/2"	3 3/4"	1391	889	2280	25.2	72.9	98.1
6XRP45/12-18.5	2 1/2"	3 3/4"	1575	939	2514	27.8	80.9	108.7
6XRP45/14-22	2 1/2"	3 3/4"	1830	1019	2849	30.4	91.6	122.0
6XRP45/16-26	2 1/2"	3 3/4"	2014	1099	3113	33.0	102.3	135.3
6XRP45/18-30	2 1/2"	3 3/4"	2198	1179	3377	35.6	113.0	148.6

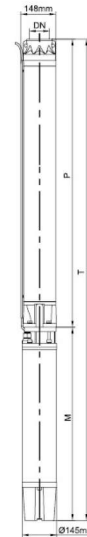
* T = Three phase



6XRP 60

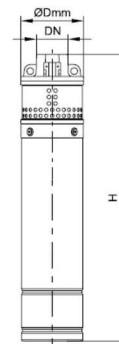
MODEL	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(τ)	T(τ)	P	M(τ)	T(τ)
6XRP60/3-5.5	3"	4"	718	639	1357	17.1	44.8	61.9
6XRP60/4-7.5	3"	4"	825	689	1514	18.6	50.4	69.0
6XRP60/5-11	3"	4"	931	789	1720	20.1	61.7	81.8
6XRP60/6-13	3"	4"	1037	839	1876	21.6	67.3	88.9
6XRP60/7-15	3"	4"	1215	889	2104	23.1	72.9	96.0
6XRP60/9-18.5	3"	4"	1428	939	2367	26.1	80.9	107.0
6XRP60/10-22	3"	4"	1534	1019	2553	27.6	91.6	119.2
6XRP60/12-26	3"	4"	1640	1099	2739	29.1	102.3	131.4
6XRP60/14-30	3"	4"	1959	1179	3138	33.6	113.0	146.6

* T = Three phase



4DWP

MODEL		Φ D (mm)	DN	DIMENSIONS(mm)		WEIGHTS(kg)			
1 ~ 220V/240V	3 ~ 380V/415V			H(S)	H(T)	N.W(S)	N.W(T)	G.W(S)	G.W(T)
4DWPm750S	4DWP750S	Φ96	1 1/4"	435	420	9.4	8.8	10.2	9.6
4DWPm1100S	4DWP1100S	Φ96	1 1/4"	491	471	10.6	9.8	11.5	10.7
4DWPm1500S	4DWP1500S	Φ96	1 1/4"	537	512	12.7	11.6	13.7	12.6



5DW

MODEL		Φ D (mm)	DN	DIMENSIONS(mm)		WEIGHTS(kg)			
1 ~ 220V/240V	3 ~ 380V/415V			H(S)	H(T)	N.W(S)	N.W(T)	G.W(S)	G.W(T)
5DWm2/3-0.55P	5DW2/3-0.55P	Φ133	1 1/4"	469	445	12.4	11.4	13	11.9
5DWm2/4-0.6P	5DW2/4-0.6P	Φ133	1 1/4"	507	471	13.1	12.1	13.7	12.6
5DWm2/5-0.75P	5DW2/5-0.75P	Φ133	1 1/4"	545	497	15.2	14.1	15.9	14.7
5DWm2/6-0.9P	5DW2/6-0.9P	Φ133	1 1/4"	583	535	15.9	14.5	16.6	15.2
5DWm2/7-1.1P	5DW2/7-1.1P	Φ133	1 1/4"	621	573	16.4	15	17.1	15.7
5DWm2/8-1.3P	5DW2/8-1.3P	Φ133	1 1/4"	659	611	17.5	16.1	18.3	16.8
5DWm2/3-0.55	5DW2/3-0.55	Φ128	1 1/4"	433	409	13.6	12.6	14.2	13.2
5DWm2/4-0.55	5DW2/4-0.55	Φ128	1 1/4"	457	433	14.1	13.0	14.8	13.7
5DWm2/5-0.75	5DW2/5-0.75	Φ128	1 1/4"	505	457	16.0	14.9	16.7	15.6
5DWm2/6-0.9	5DW2/6-0.9	Φ128	1 1/4"	541	493	17.6	16.2	18.4	17.0
5DWm2/7-0.9	5DW2/7-0.9	Φ128	1 1/4"	565	517	18.1	16.7	19.0	17.6
5DWm2/8-1.1	5DW2/8-1.1	Φ128	1 1/4"	601	553	19.4	18.0	20.3	18.9
5DWm4/4-0.9	5DW4/4-0.9	Φ128	1 1/4"	493	445	16.6	15.2	17.3	15.9
5DWm4/5-1.1	5DW4/5-1.1	Φ128	1 1/4"	529	481	17.9	16.5	18.6	17.2
5DWm4/6-1.1	5DW4/6-1.1	Φ128	1 1/4"	553	505	18.4	17.0	19.2	17.8
5DWm4/7-1.5	5DW4/7-1.5	Φ128	1 1/4"	613	553	21.3	19.1	22.2	21.0
5DWm4/8-1.5	5DW4/8-1.5	Φ128	1 1/4"	637	577	21.8	19.6	22.6	20.4
5DWm8/3-1.1	5DW8/3-1.1	Φ128	1 1/4"	499	451	17.4	16.0	18.1	16.7
5DWm8/4-1.5	5DW8/4-1.5	Φ128	1 1/4"	565	505	19.0	16.8	19.8	17.6

