

# XR

## Submersible Borehole Pump

# XR



### Application

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

### Operating conditions

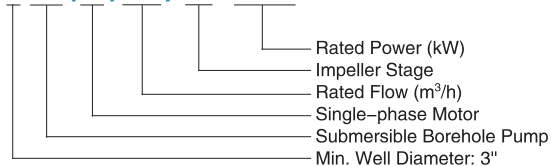
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 80 m
- Minimum well diameter: 3"

### Motor and Pump

- Rewindable motor or full obturated screen motor
- **Three-phase:** 380V–415V/50Hz
- **Single-phase:** 220V–240V/50Hz
- Pumps are designed by casing stressed
- Curve tolerance according to ISO 9906

Components	Material
Pump external casing	AISI 201 SS
Delivery casing	Cast-Cu ASTM280
Suction lantern	Cast-Cu ASTM280
Diffuser	PC
Impeller	POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	Cast-Cu ASTM280
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK / C&U
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

### 3XR(m)1.8/11-0.25

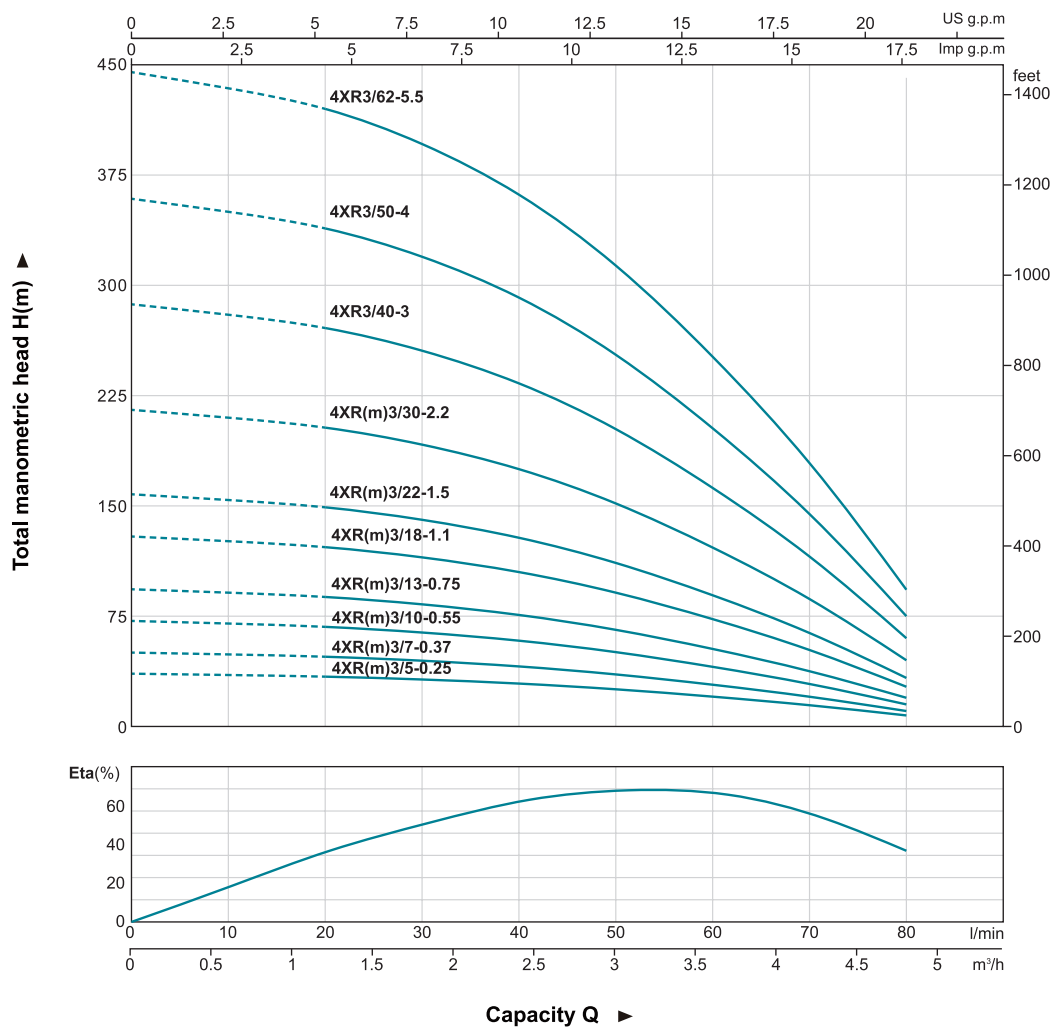


2 YEAR WARRANTY

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### 4XR 3



### Technical Data

MODEL		P <sub>2</sub>		DELIVERY							n ≈ 2850 1/min		
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
					m³/h	0	10	20	30	40	50	60	70
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

2 YEAR WARRANTY