



XR

Application

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

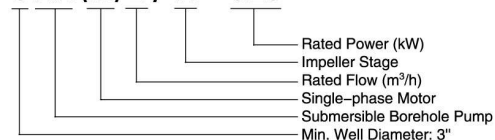
Operating conditions

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

3 XR (m) 2 / 11 - 0.25



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



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



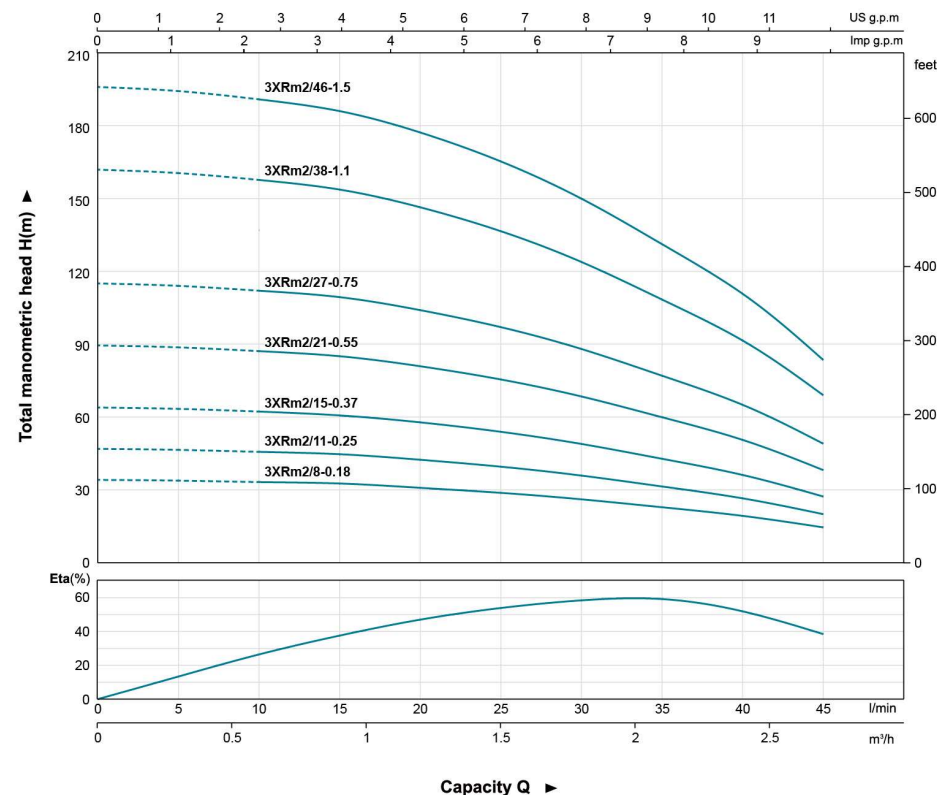
- Three phase
- 380V~415V/50Hz
- Power: 0.37~5.5kw



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

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 2



Technical Data

MODEL	P ₂		DELIVERY n≈2850 1/min													
	kW	HP	Q m³/h l/min	H(m)												
				0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7			
3XRm2/8-0.18	0.18	0.25		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			