

XR



Application

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

Operating conditions

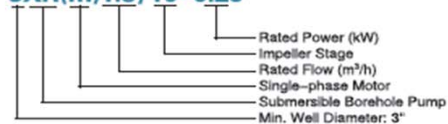
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 80 m
- Minimum well diameter: 3"

Motor and Pump

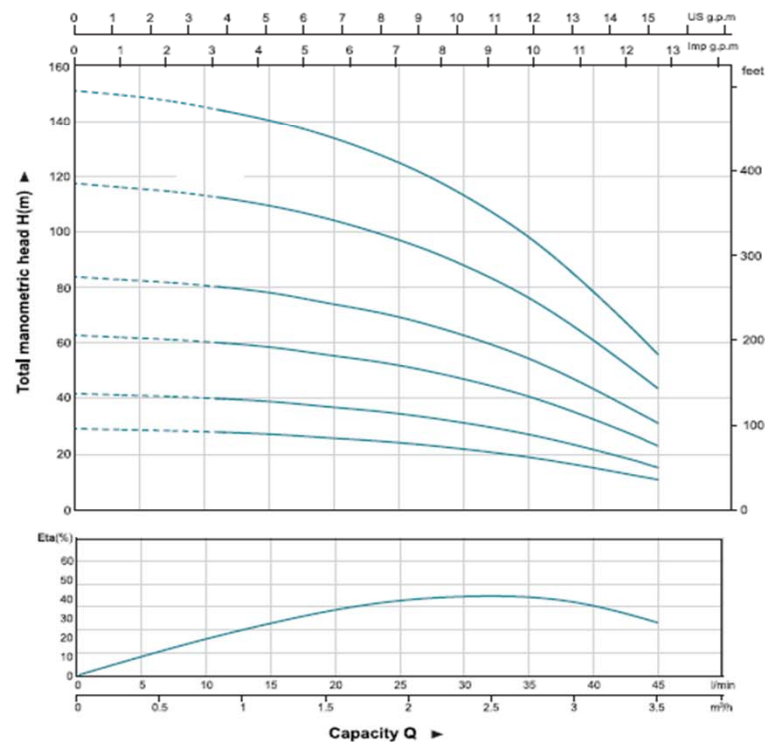
- Rewindable motor or full obturated screen motor
- **Three-phase:** 380V–415V/50Hz
- **Single-phase:** 220V–240V/50Hz
- Pumps are designed by casing stressed
- Curve tolerance according to ISO 9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM680
Suction lantern	Cast-Cu ASTM680
Diffuser	PC
Impeller	PCM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	Cast-Cu ASTM680
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NBK
Seal lubricant oil	Oil for food machinery and pharmaceutical use

3XR(m)1.8/10-0.25



3XR2.5



Technical Data

Model	P ₂		Delivery																	
	1~ 220V/240V	3~ 380V/415V	KW	HP	Q	m³/h														
						H(m)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	
3XRm2.5/7-0.25	3XR2.5/7-0.25	0.25	0.33		0		5	10	15	20	25	30	35	40	45	50	55	60		
3XRm2.5/10-0.37	3XR2.5/10-0.37	0.37	0.5		29	29	29	28	27	26	25	23	21	19	16	13	9			
3XRm2.5/15-0.55	3XR2.5/15-0.55	0.55	0.75		42	41	41	40	39	37	36	33	31	27	23	18	13			
3XRm2.5/20-0.75	3XR2.5/20-0.75	0.75	1		63	62	61	60	58	56	53	50	46	41	35	27	20			
3XRm2.5/30-1.1	3XR2.5/30-1.1	1.1	1.5		84	83	82	80	78	74	71	67	61	54	46	37	27			
3XRm2.5/36-1.5	3XR2.5/36-1.5	1.5	2		117	116	114	112	109	104	100	93	86	76	65	51	37			
					151	149	147	144	140	134	128	120	110	98	83	66	48			