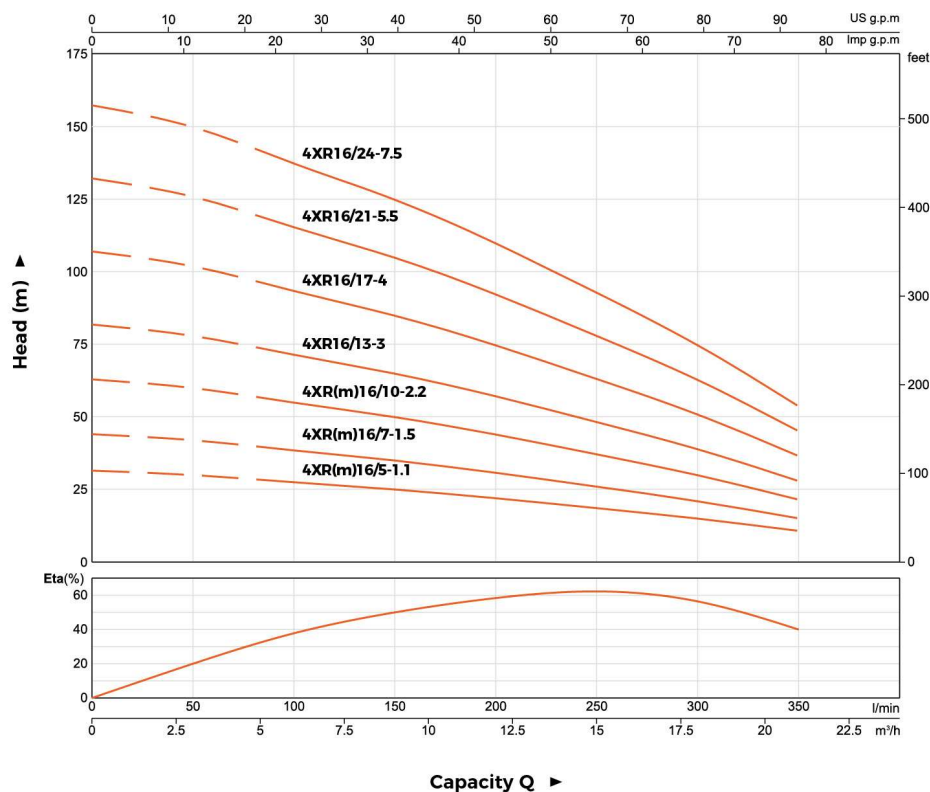


4XR 16



Technical Data

Model		Power		DELIVERY n=2850 rpm								
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q(m³/h) Q(l/min)	0	3	6	9	12	15	18	21
4XRm16/5-1.1	4XR16/5-1.1	1.1	1.5	H (m)	0	50	100	150	200	250	300	350
4XRm16/7-1.5	4XR16/7-1.5	1.5	2		32	30	28	25	22	19	15	11
4XRm16/10-2.2	4XR16/10-2.2	2.2	3		44	42	39	35	31	26	21	15
-	4XR16/13-3	3	4		63	60	55	50	44	37	30	22
-	4XR16/17-4	4	5.5		82	78	72	65	57	48	39	28
-	4XR16/21-5.5	5.5	7.5		107	102	94	85	75	63	51	37
-	4XR16/24-7.5	7.5	10		133	126	116	105	92	78	63	45
					152	144	132	120	106	89	72	52

Application

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

Operating Conditions

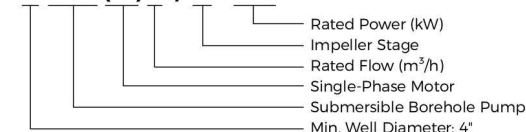
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 150 m
- Minimum well diameter: 4"
- Warranty: 2 years

Motor and Pump

- Rewindable motor
- **Single-Phase:** 220 - 240V/50Hz
 - ※160-240V wide range of operating voltage, minimum starting voltage 130V
- **Three-Phase:** 380 - 415V/50Hz
 - ※350-440V wide range of operating voltage, minimum starting voltage 280V
- Capacitance: P2
- Equip with start control box
- **NEMA** dimension standards
- Curve tolerance according to ISO 9906
- Enclosures class: IP68
- Insulation class: F

Identification Codes

4 XRS (m) 2 / 9 - 0.37



Components	Material
Delivery casing	AISI304SS
Suction connector	AISI304SS
Volute	AISI304SS
Impeller	AISI304SS
Pump shaft	AISI304SS
Shaft coupling	AISI304SS
Volute assembly	Rubber
Strainer	AISI304SS
Motor external casing	AISI304SS
Top chock	Cast iron
Bottom support	AISI304SS
Mechanical seal	Special seal for deep well ≤2.2KW: Graphite-Ceramic ≥3KW: Graphite-SiC
Pump shaft	AISI304SS + ASTM 5140
Seal lubricant oil	10# Food Grade Mechanical White Oil



DYM-S03

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



DYM-S04

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



DYM-T01

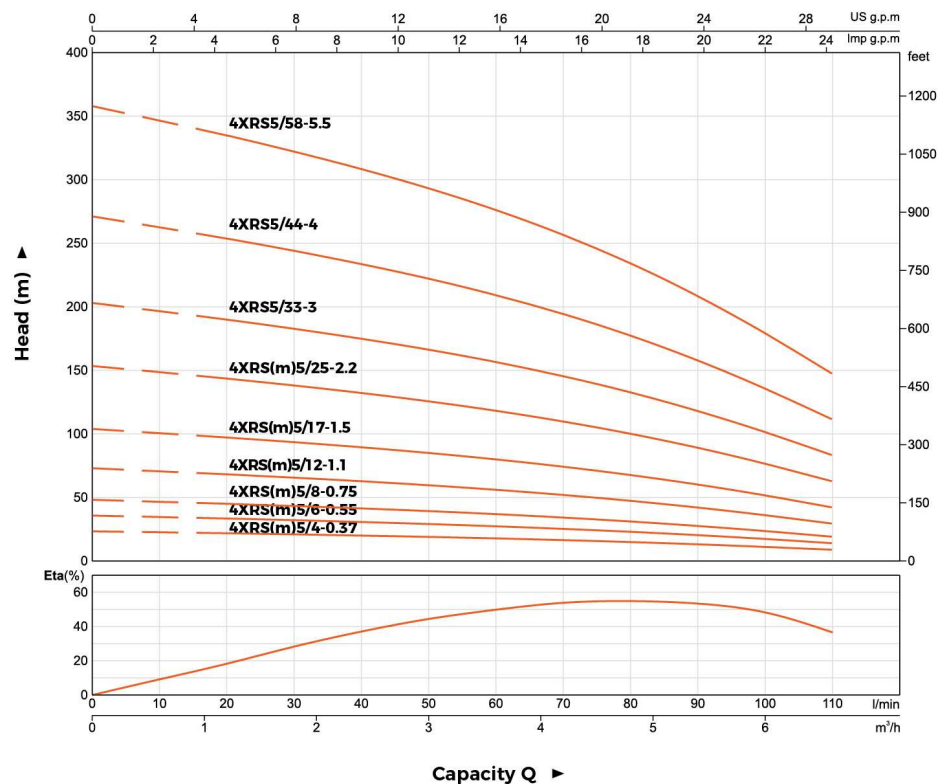
- Three phase
- 380V-415V/50Hz
- Power: 0.37-5.5kW



DYM-T06

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

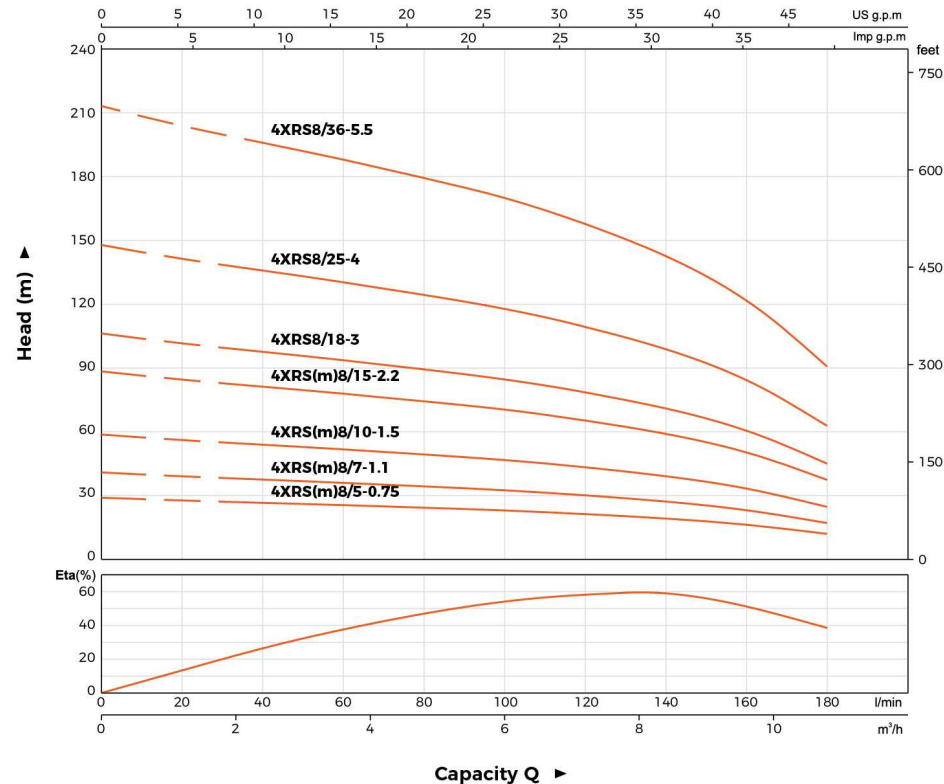
4XRS 5



Technical Data

Model		Power		DELIVERY n=2850 rpm												
1- 220 - 240V	3- 380 - 415V	kW	HP	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
				Q(l/min)	0	10	20	30	40	50	60	70	80	90	100	110
4XRSm5/4-0.37	4XRSS/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	4XRSS/6-0.55	0.55	0.75		37	36	35	33	32	30	28	26	24	22	19	15
4XRSm5/8-0.75	4XRSS/8-0.75	0.75	1		49	48	46	44	42	40	38	35	32	29	25	20
4XRSm5/12-1.1	4XRSS/12-1.1	1.1	1.5		74	72	69	66	63	60	57	53	48	44	37	31
4XRSm5/17-1.5	4XRSS/17-1.5	1.5	2		105	101	98	94	90	85	80	75	69	62	53	44
4XRSm5/25-2.2	4XRSS/25-2.2	2.2	3		154	149	144	138	132	125	118	110	101	91	78	64
-	4XRSS/33-3	3	4		203	197	190	182	174	165	156	145	133	120	103	84
-	4XRSS/44-4	4	5.5		271	262	253	243	232	220	208	194	178	160	137	113
-	4XRSS/58-5.5	5.5	7.5		357	346	334	320	306	290	274	255	234	211	181	148

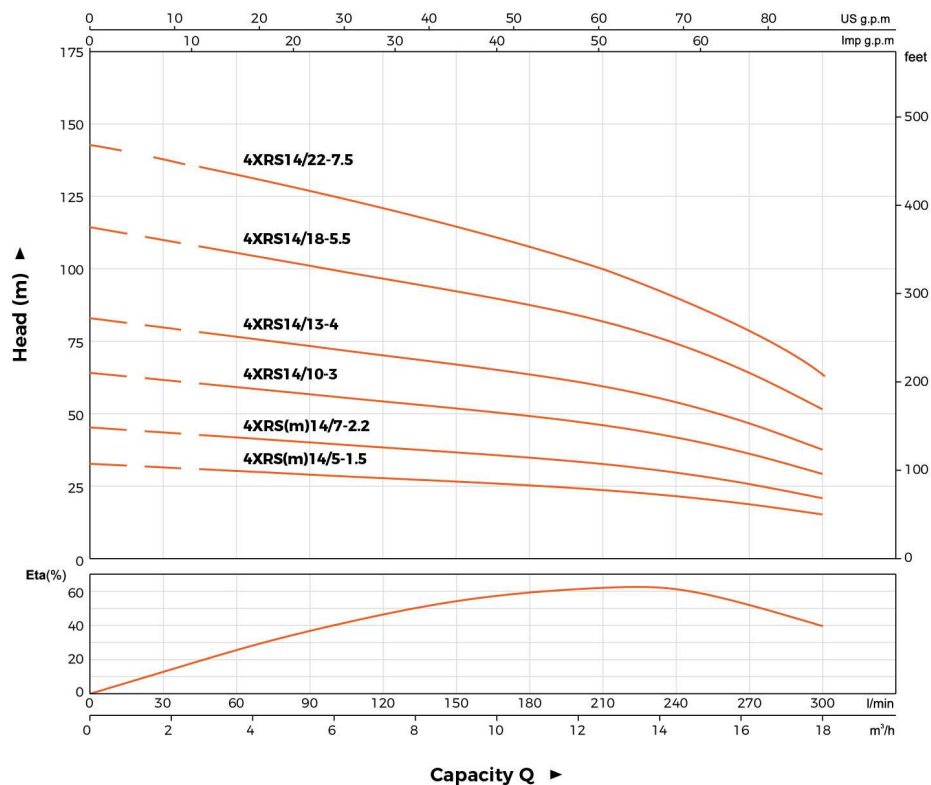
4XRS 8



Technical Data

Model		Power		DELIVERY n=2850 rpm												
1- 220 - 240V	3- 380 - 415V	kW	HP	Q(m³/h)	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8		
				Q(l/min)	0	20	40	60	80	100	120	140	160	180		
4XRSm8/5-0.75	4XRSS/5-0.75	0.75	1	H (m)	30	28	27	26	25	24	22	20	17	13		
4XRSm8/7-1.1	4XRSS/7-1.1	1.1	1.5		42	40	38	37	35	33	31	28	24	18		
4XRSm8/10-1.5	4XRSS/10-1.5	1.5	2		59	57	55	52	50	47	44	40	34	25		
4XRSm8/15-2.2	4XRSS/15-2.2	2.2	3		89	85	82	79	75	71	66	60	51	38		
-	4XRSS/18-3	3	4		107	102	98	94	90	85	79	72	61	46		
-	4XRSS/25-4	4	5.5		149	142	137	131	125	118	110	99	85	63		
-	4XRSS/36-5.5	5.5	7.5		214	204	197	189	180	171	158	143	122	91		

4XRS 14



Technical Data

Model		Power		DELIVERY n=2850 rpm													
1- 220 - 240V	3- 380 - 415V	kW	HP	Q(m³/h)	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18		
				Q(l/min)	0	30	60	90	120	150	180	210	240	270	300		
4XRSm14/5-1.5	4XRS14/5-1.5	1.5	2	H (m)	32	31	29	28	27	26	24	23	20	18	14		
4XRSm14/7-2.2	4XRS14/7-2.2	2.2	3		45	43	41	39	38	36	34	32	29	25	20		
-	4XRS14/10-3	3	4		64	62	59	56	54	51	49	45	41	35	28		
-	4XRS14/13-4	4	5.5		83	80	76	73	70	67	63	59	53	46	37		
-	4XRS14/18-5.5	5.5	7.5		115	111	106	101	97	92	88	82	74	64	51		
-	4XRS14/22-7.5	7.5	10		140	135	129	124	118	113	107	100	90	78	62		

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: 150 m
- Minimum well diameter: 6"
- Warranty: 2 years

Motor and Pump

- Rewindable motor
- **Three-Phase:** 380 - 415V/50Hz
 - *350-440V wide range of operating voltage, minimum starting voltage 280V
 - ① Direct start (1 cable)
 - ② Optional: Star-delta start (2 cable)
- Start control box available on request
- **NEMA** dimension standards
- Curve tolerance according to ISO 9906
- Enclosures class: IP68
- Insulation class: F



Components	Material
Delivery casing	AISI 304SS
Suction connector	AISI 304SS
Volute	AISI 304SS
Impeller	AISI 304SS
Pump shaft	AISI431SS
Shaft coupling	AISI 304SS
Seal ring	Rubber
Strainer	AISI304SS
Motor external casing	AISI 304SS
Top chock	Cast iron
Bottom support	Cast iron
Mechanical seal	Special seal for deep well Graphite-Ceramic
Pump shaft	AISI630SS+ASTM5140
Seal lubricant oil	10# Food Grade Mechanical White Oil

Identification Codes

6 XRS 17 / 5 - 3

- Rated Power (kW)
- Impeller Stage
- Rated Flow (m³/h)
- Submersible Borehole Pump
- Min. Well Diameter: 6"