

Application

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

Operating Conditions

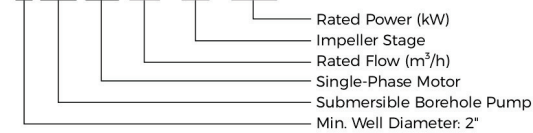
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 150 m
- Minimum well diameter: 2", 2.5", 3", 3.5", 4"
- Warranty: 2 years

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
- 4" has NEMA dimension standards
- Equip with start control box
- Enclosures class: IP68
- Insulation class: F

Identification Codes

2 XR (m) 0.7 / 26 - 0.18



Components	Material
Pump external casing	AISI201SS
Delivery casing	Cast-Cu
Suction connector	Cast-Cu for 2", 2.5" AISI201SS for 3", 3.5", 4"
Volute	PC
Impeller	POM
Pump shaft	AISI430SS
Shaft coupling	AISI205SS
Volute assembly	AISI201SS
Strainer	AISI304SS for 2" AISI430SS for 2.5", 3", 3.5", 4"
Motor external casing	AISI304SS
Top chock	Cast iron
Bottom support	AISI304SS for 2" AISI430SS for 2.5", 3", 3.5", 4"
Mechanical seal	Special seal for deep well Graphite-Ceramic
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

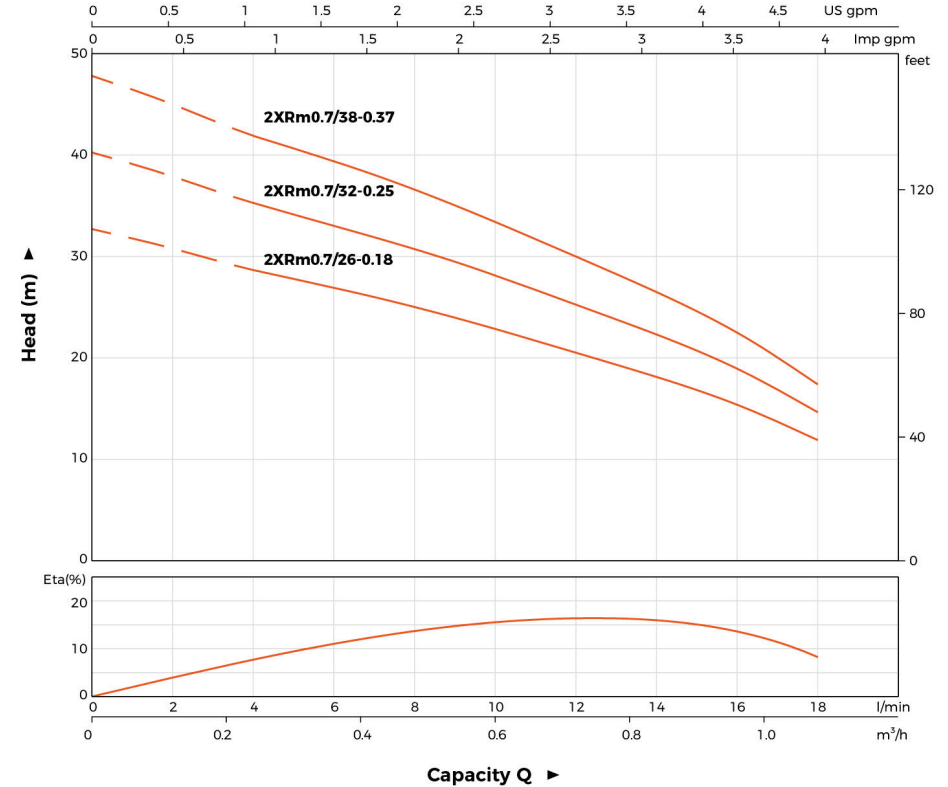
- Three phase
- 380V-415V/50Hz
- Power: 0.37-5.5kW



DYM-T06

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

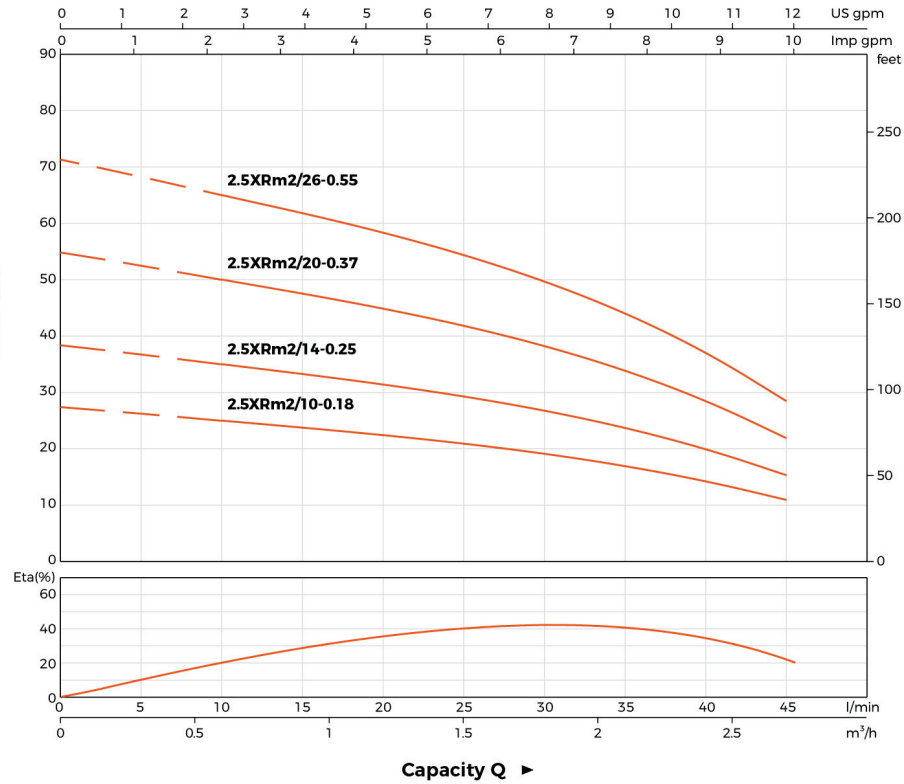
2XR 0.7



Technical Data

Model	Power		DELIVERY n=2850 rpm									
	kW	HP	Q(m³/h)									
			0	0.12	0.24	0.36	0.48	0.6	0.72	0.84	0.96	1.08
2XRm0.7/26-0.18	0.18	0.25	33	31	29	27	25	23	21	18	16	12
2XRm0.7/32-0.25	0.25	0.33	40	38	35	33	31	28	25	22	19	14
2XRm0.7/38-0.37	0.37	0.5	48	45	42	39	37	33	30	26	23	17

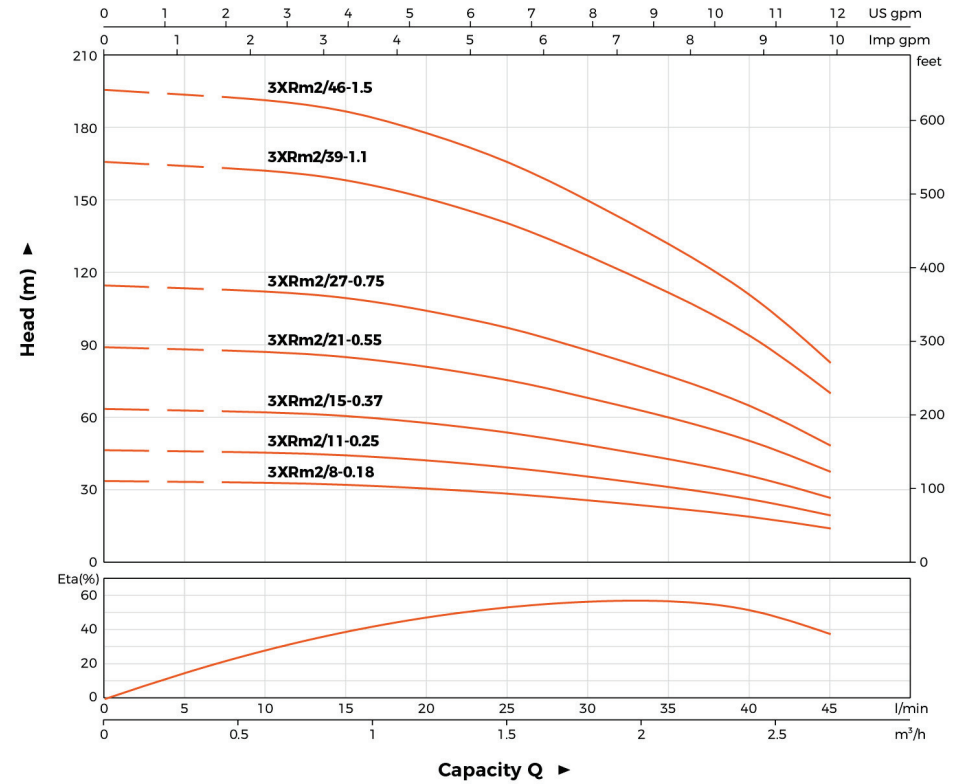
2.5XR 2



Technical Data

Model	Power		DELIVERY n=2850 rpm										
	kW	HP	Q(m³/h)										
			0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	
			Q(l/min)										
			0	5	10	15	20	25	30	35	40	45	
2.5XRm2/10-0.18	0.18	0.25	H (m)	27	26	25	24	23	21	19	17	14	11
2.5XRm2/14-0.25	0.25	0.33		38	37	35	34	32	29	27	24	20	15
2.5XRm2/20-0.37	0.37	0.5		54	53	50	48	45	41	38	34	29	22
2.5XRm2/26-0.55	0.55	0.75		71	68	65	63	59	54	50	44	37	28

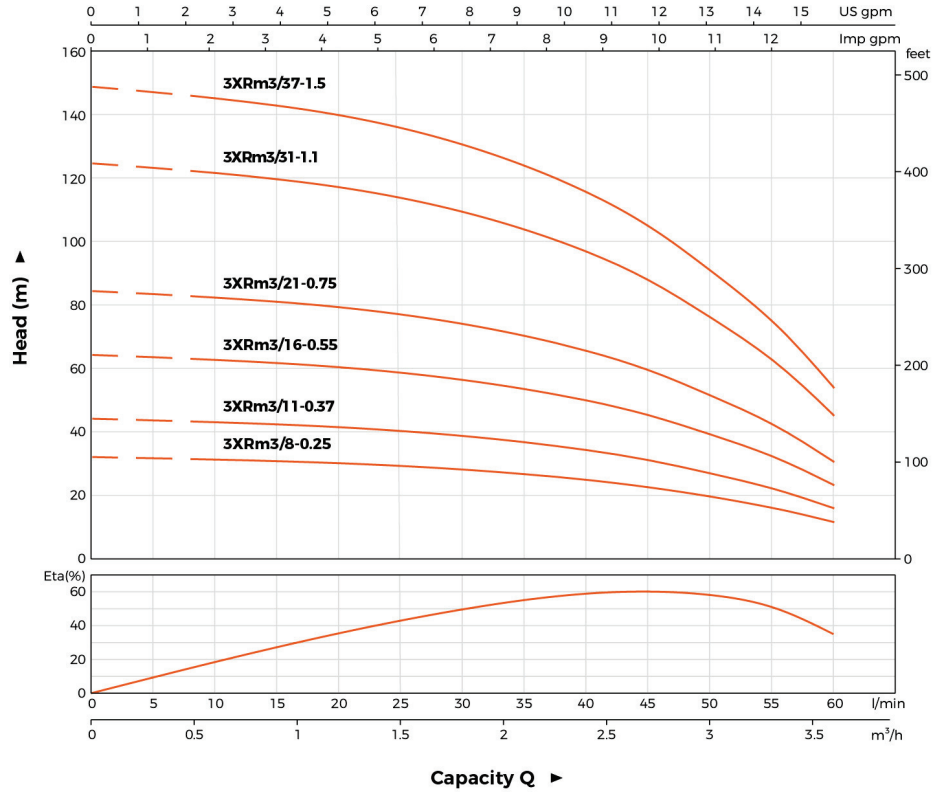
3XR 2



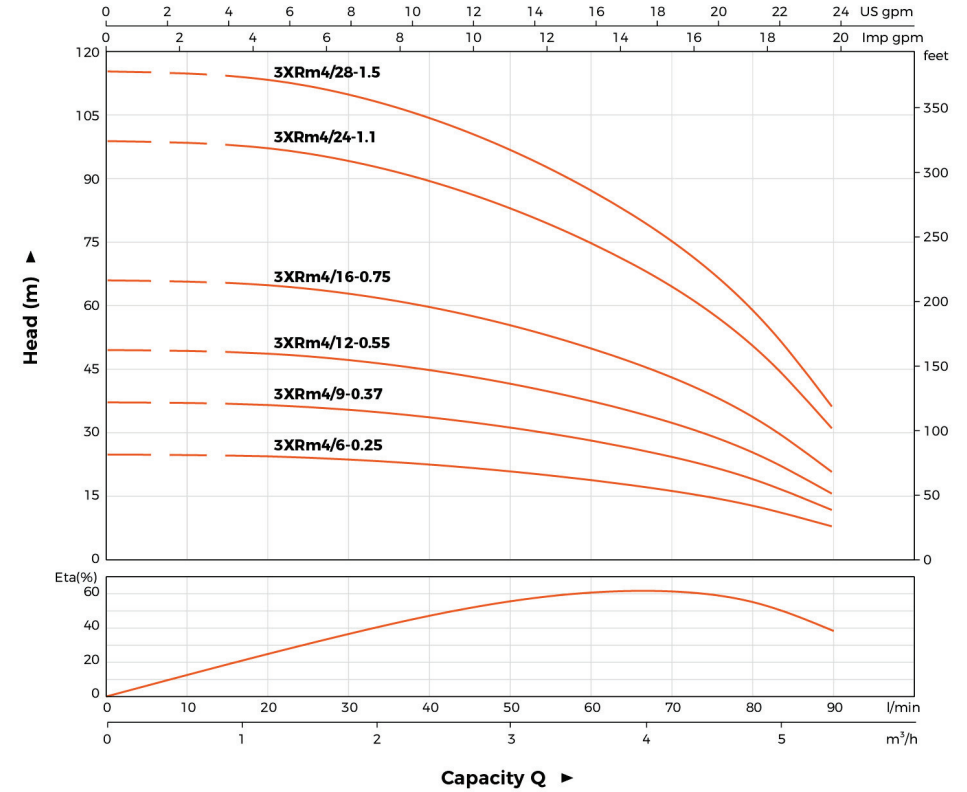
Technical Data

Model	Power		DELIVERY n=2850 rpm										
	kW	HP	Q(m³/h)										
			0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	
			Q(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
3XRm2/39-1.1	1.1	1.5		166	164	161	159	151	141	127	112	94	70
3XRm2/46-1.5	1.5	2		196	194	190	187	178	166	150	132	111	83

3XR 3



3XR 4



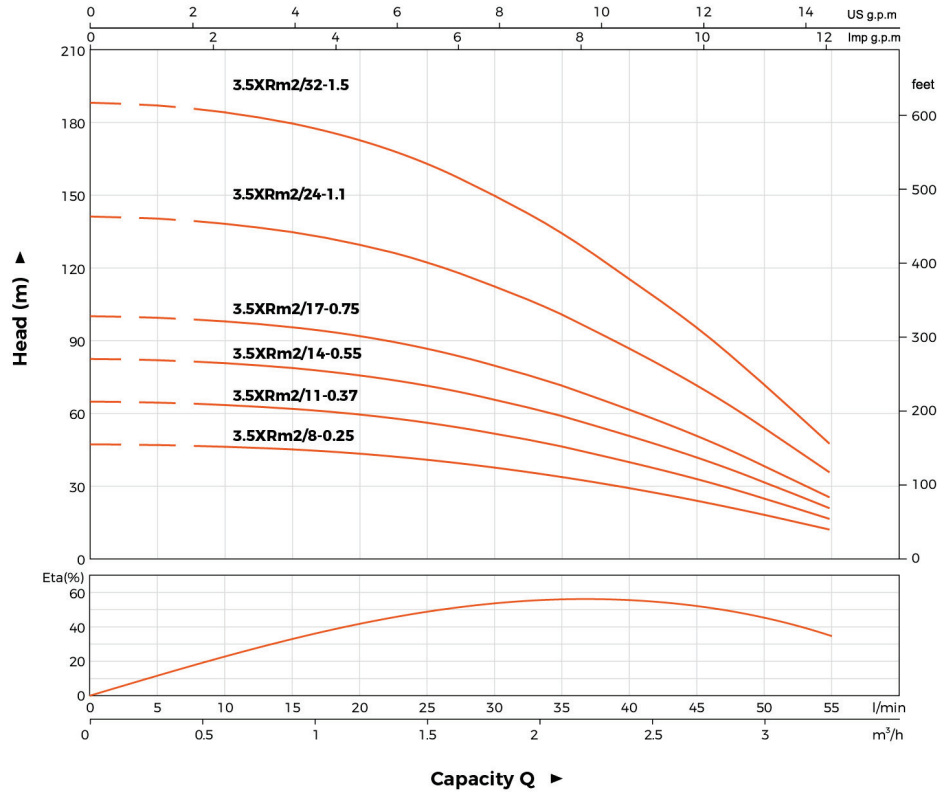
Technical Data

Model	Power		DELIVERY n=2850 rpm													
	kW	HP	Q(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	3.6
			Q(l/min)	0	5	10	15	20	25	30	35	40	45	50	55	60
3XRm3/8-0.25	0.25	0.33	H (m)	32	32	32	31	30	29	28	27	26	23	20	16	12
3XRm3/11-0.37	0.37	0.5		44	44	43	43	41	40	39	37	35	31	27	22	16
3XRm3/16-0.55	0.55	0.75		64	64	63	62	60	59	56	54	51	45	39	32	23
3XRm3/21-0.75	0.75	1		85	84	83	81	79	77	74	70	67	60	52	43	31
3XRm3/31-1.1	1.1	1.5		125	124	122	120	116	114	109	104	99	88	76	63	45
3XRm3/37-1.5	1.5	2		149	148	146	143	139	136	130	124	118	105	91	75	54

Technical Data

Model	Power		DELIVERY n=2850 rpm										
	kW	HP	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
			Q(l/min)	0	10	20	30	40	50	60	70	80	90
3XRm4/6-0.25	0.25	0.33	H (m)	25	25	24	23	22	21	19	16	13	8
3XRm4/9-0.37	0.37	0.5		37	37	36	35	33	32	28	24	19	12
3XRm4/12-0.55	0.55	0.75		49	49	48	47	45	42	37	32	25	15
3XRm4/16-0.75	0.75	1		66	66	65	62	59	56	50	42	34	21
3XRm4/24-1.1	1.1	1.5		99	99	97	93	89	84	75	63	51	31
3XRm4/28-1.5	1.5	2		115	115	113	109	104	98	87	74	59	36

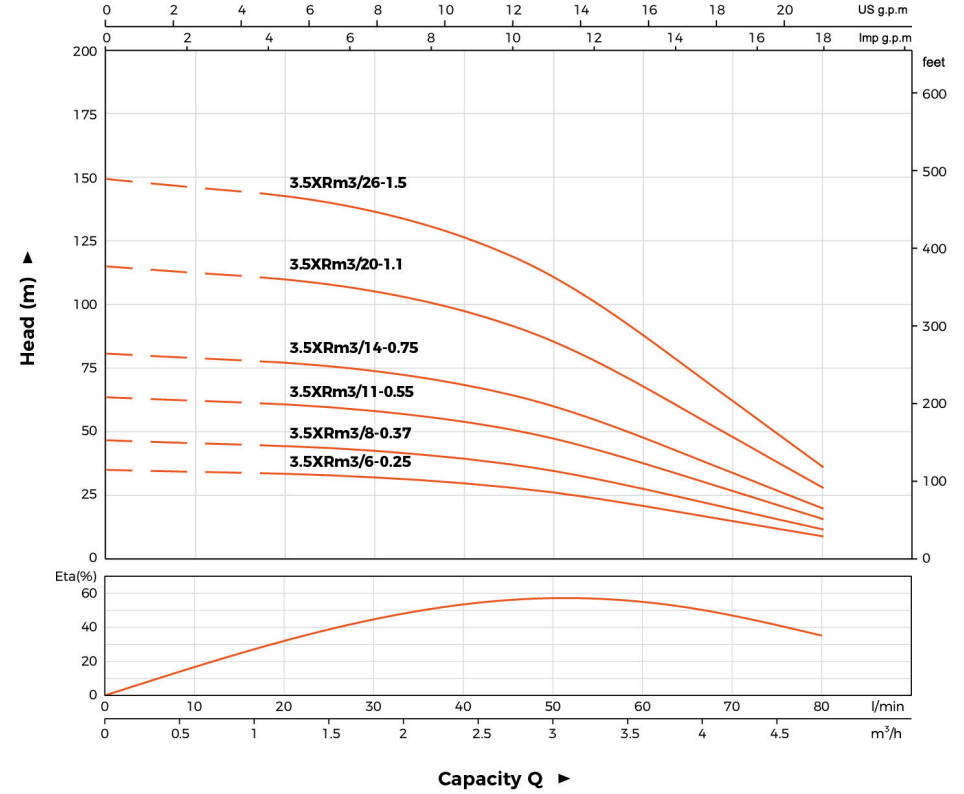
3.5XR 2



Technical Data

Model	Power		DELIVERY n=2850 rpm												
	kW	HP	Q(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
			Q(l/min)	0	5	10	15	20	25	30	35	40	45	50	55
3.5XRm2/8-0.25	0.25	0.33	H (m)	47	47	46	45	43	41	38	34	29	24	18	12
3.5XRm2/11-0.37	0.37	0.5		65	64	63	62	59	56	52	46	40	33	25	16
3.5XRm2/14-0.55	0.55	0.75		83	82	81	79	76	71	66	59	51	42	32	21
3.5XRm2/17-0.75	0.75	1		100	99	98	95	92	87	80	72	62	51	39	25
3.5XRm2/24-1.1	1.1	1.5		142	140	138	135	130	122	113	101	87	72	54	36
3.5XRm2/32-1.5	1.5	2		189	187	185	180	173	163	150	135	116	96	73	47

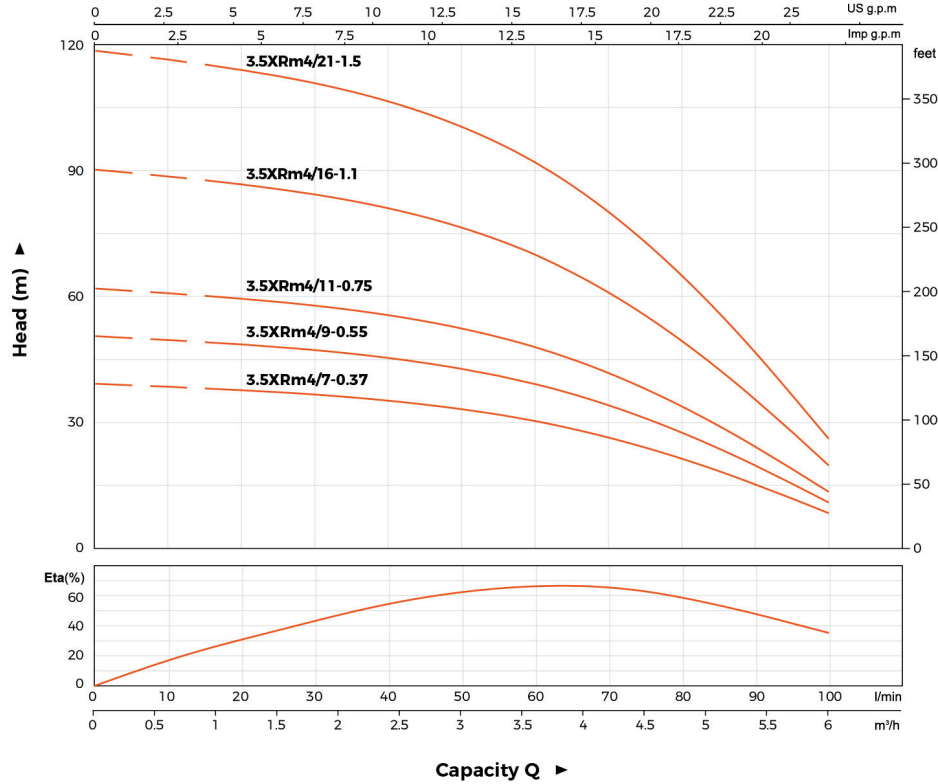
3.5XR 3



Technical Data

Model	Power		DELIVERY n=2850 rpm										
	kW	HP	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	
			Q(l/min)	0	10	20	30	40	50	60	70	80	
3.5XRm3/6-0.25	0.25	0.33	H (m)	35	34	33	32	29	26	20	14	8	
3.5XRm3/8-0.37	0.37	0.5		46	45	44	42	39	34	27	19	11	
3.5XRm3/11-0.55	0.55	0.75		63	62	61	58	54	47	37	26	15	
3.5XRm3/14-0.75	0.75	1		81	79	77	74	68	60	47	33	19	
3.5XRm3/20-1.1	1.1	1.5		115	113	110	105	98	85	68	48	28	
3.5XRm3/26-1.5	1.5	2		150	146	143	137	127	111	88	62	36	

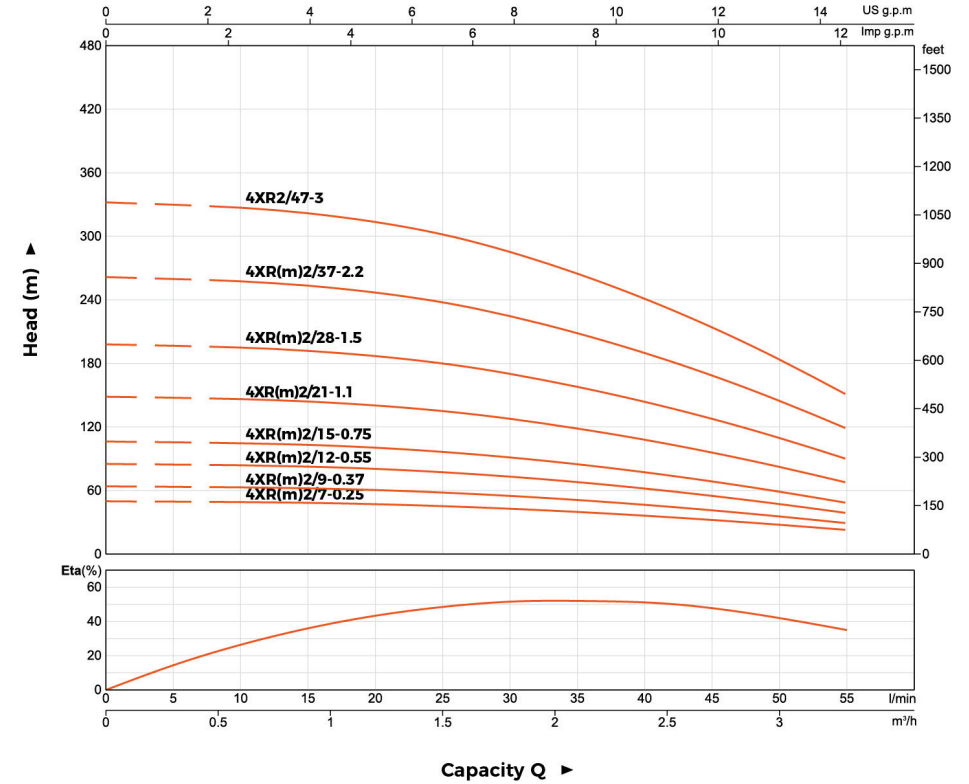
3.5XR 4



Technical Data

Model	Power		DELIVERY n=2850 rpm											
	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	
		H (m)		0	10	20	30	40	50	60	70	80	90	100
3.5XRm4/7-0.37	0.37	0.5	H (m)	40	39	38	37	36	34	31	27	22	16	9
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		90	89	87	85	81	78	71	61	50	36	20
3.5XRm4/21-1.5	1.5	2		119	117	114	111	106	102	93	80	65	47	27

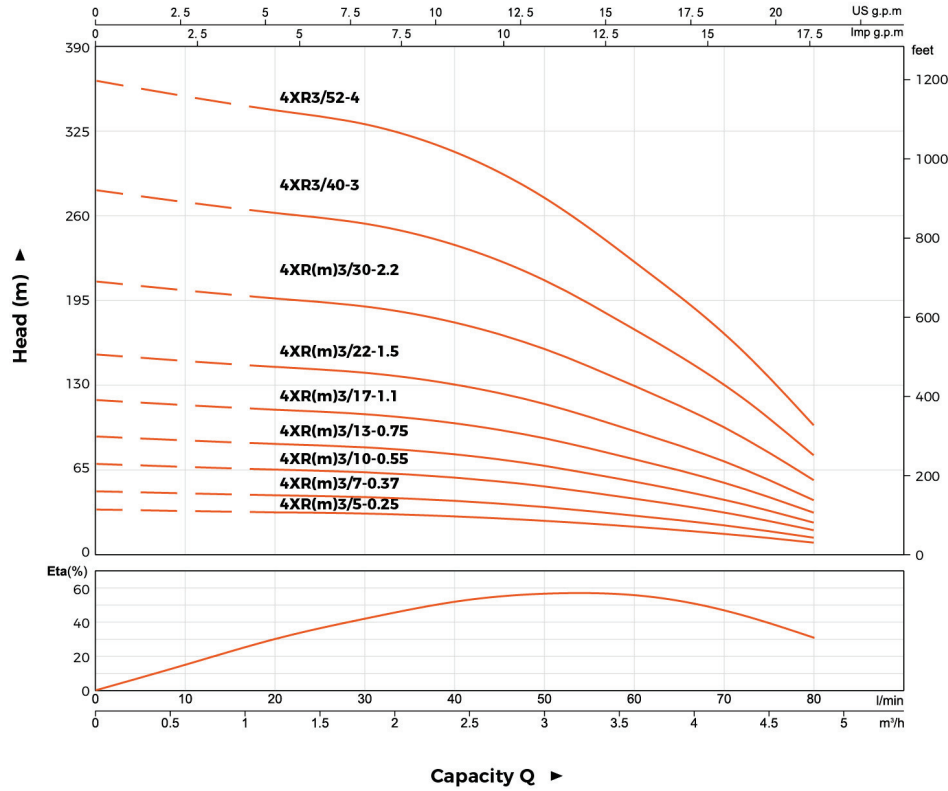
4XR 2



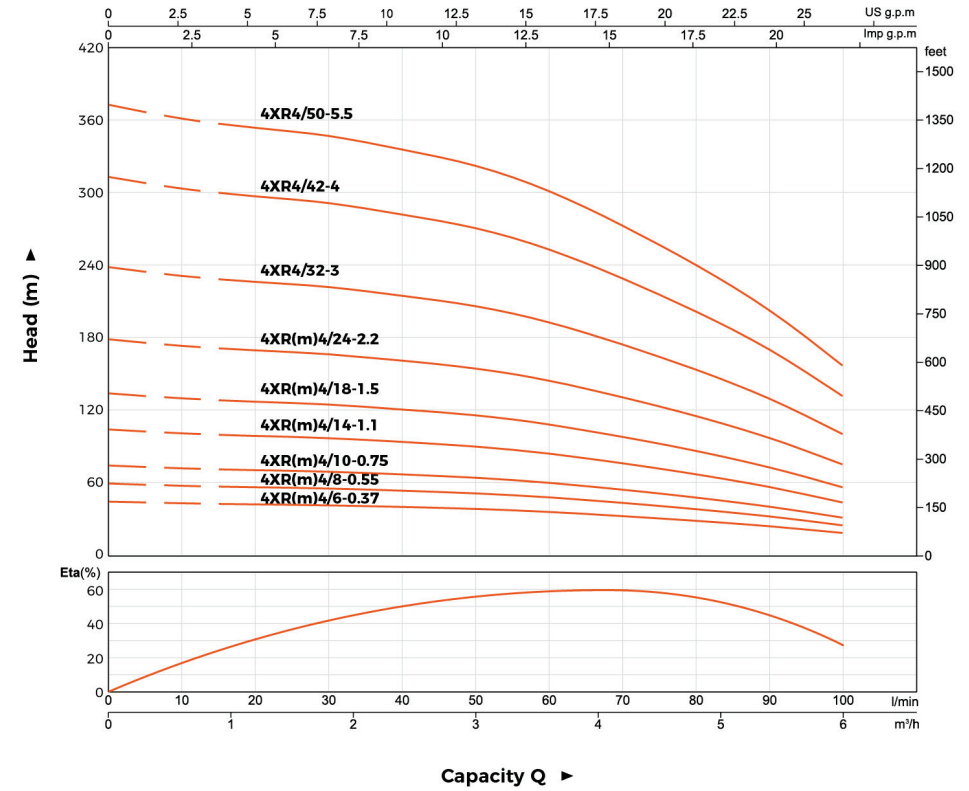
Technical Data

Model		Power		DELIVERY n=2850 rpm																
1- 220 - 240V	3- 380 - 415V	kW	HP	Q(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					
		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	H (m)	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				

4XR 3



4XR 4



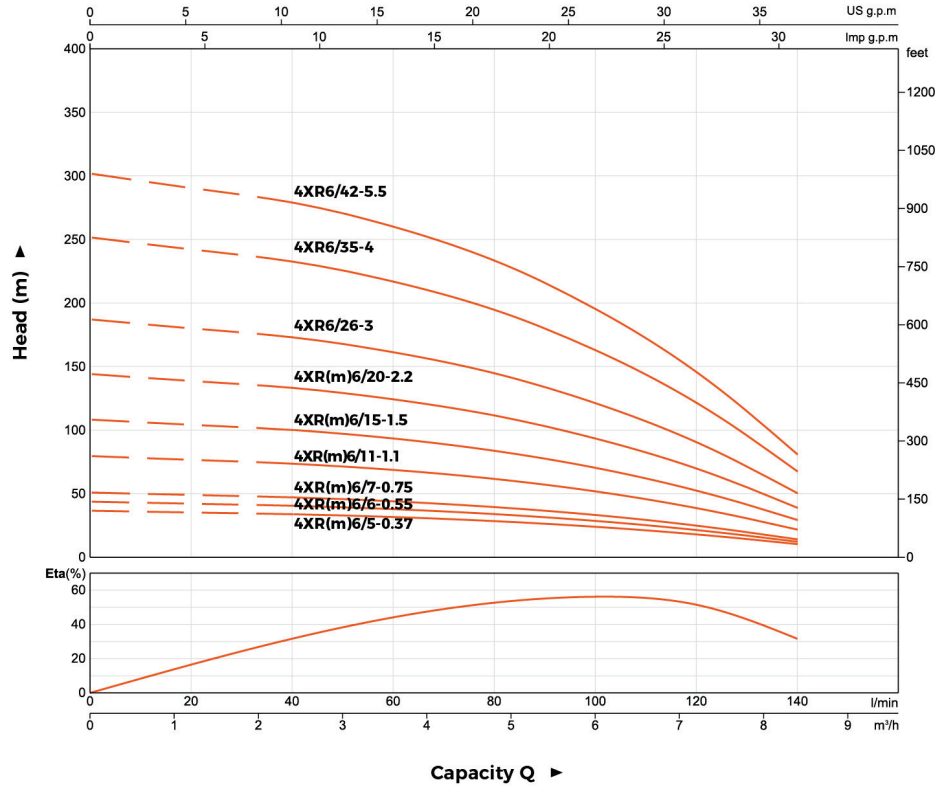
Technical Data

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
				Q(l/min)	0	10	20	30	40	50	60	70	80
4XRm3/5-0.25	4XR3/5-0.25	0.25	0.33	H (m)	35	34	33	32	30	26	22	16	10
4XRm3/7-0.37	4XR3/7-0.37	0.37	0.5		49	47	46	45	42	37	30	23	14
4XRm3/10-0.55	4XR3/10-0.55	0.55	0.75		70	68	66	64	59	53	43	33	19
4XRm3/13-0.75	4XR3/13-0.75	0.75	1		91	88	85	83	77	69	56	43	25
4XRm3/17-1.1	4XR3/17-1.1	1.1	1.5		119	115	112	108	101	90	74	56	33
4XRm3/22-1.5	4XR3/22-1.5	1.5	2		154	149	144	140	131	116	95	72	42
4XRm3/30-2.2	4XR3/30-2.2	2.2	3		210	203	197	191	178	158	130	98	58
-	4XR3/40-3	3	4		280	271	263	254	238	211	173	131	77
-	4XR3/52-4	4	5.5		364	352	341	331	309	274	225	170	100

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
				Q(l/min)	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
-	4XR4/42-4	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

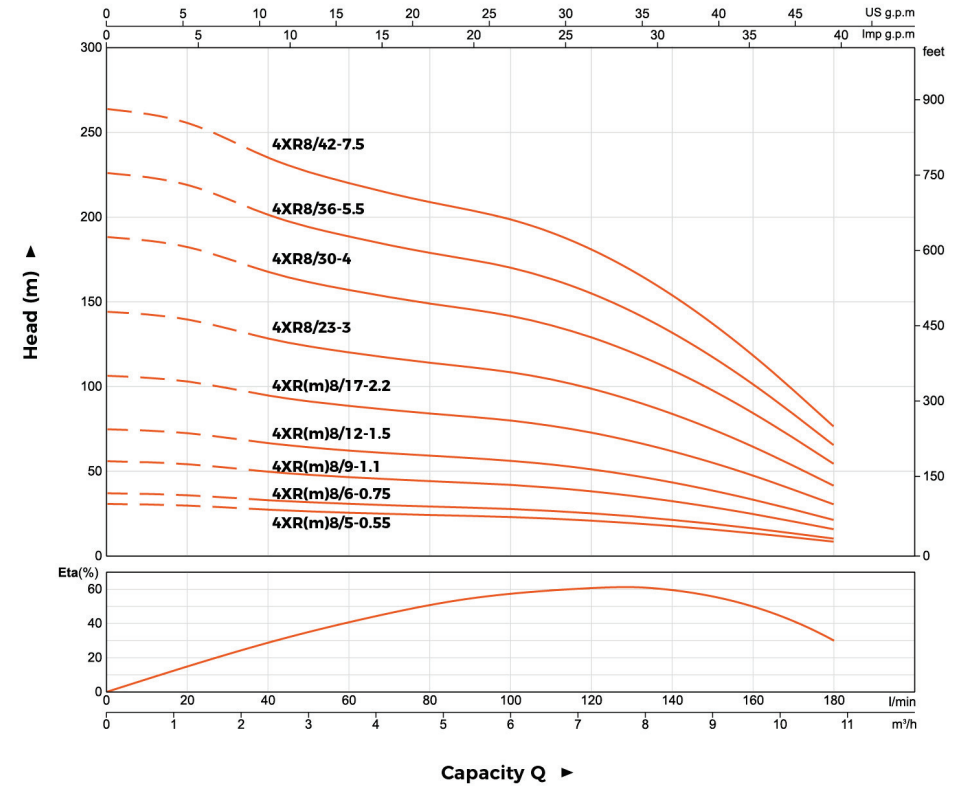
4XR 6



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					
				Q(l/min)	0	20	40	60	80	100	120	140					
4XRm6/5-0.37	4XR6/5-0.37	0.37	0.5	H (m)	36	35	33	31	28	23	17	10					
4XRm6/6-0.55	4XR6/6-0.55	0.55	0.75		43	41	40	37	33	28	21	11					
4XRm6/7-0.75	4XR6/7-0.75	0.75	1		50	48	46	43	39	32	24	13					
4XRm6/11-1.1	4XR6/11-1.1	1.1	1.5		79	76	73	68	61	51	38	21					
4XRm6/15-1.5	4XR6/15-1.5	1.5	2		108	104	100	93	83	70	52	29					
4XRm6/20-2.2	4XR6/20-2.2	2.2	3		144	138	133	124	111	93	69	38					
-	4XR6/26-3	3	4		187	180	173	161	144	121	90	50					
-	4XR6/35-4	4	5.5		251	242	232	216	194	162	121	67					
-	4XR6/42-5.5	5.5	7.5		302	290	279	260	233	195	145	80					

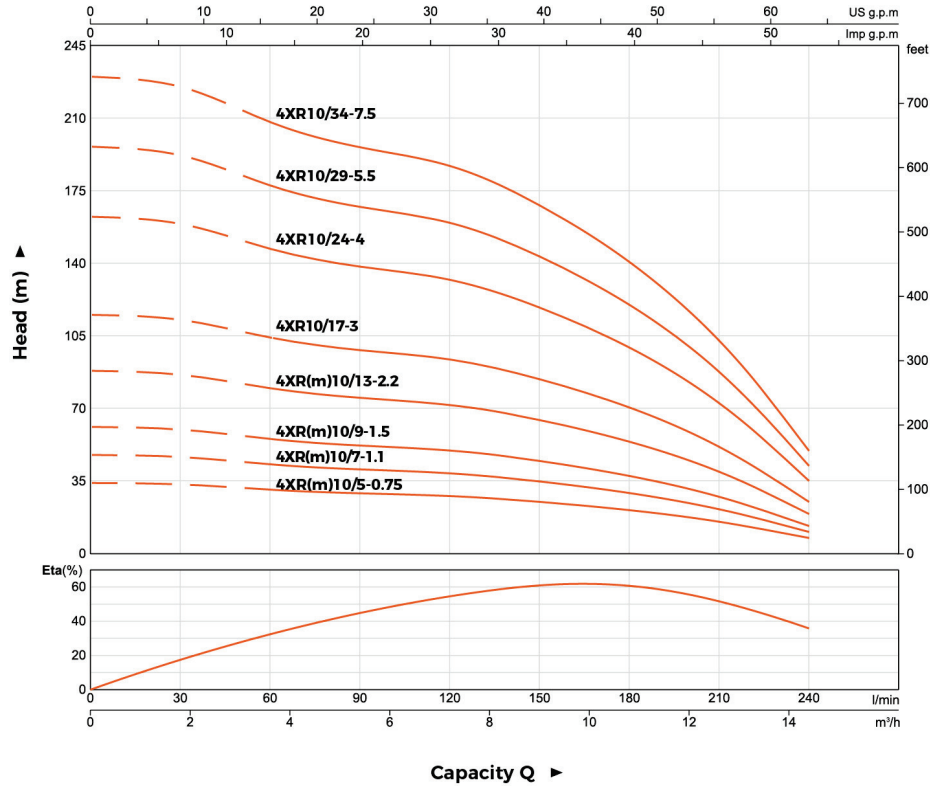
4XR 8



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							
4XRm8/5-0.55	4XR8/5-0.55	0.55	0.75	H (m)	32	31	28	26	25	24	22	18	14	9							
4XRm8/6-0.75	4XR8/6-0.75	0.75	1		38	37	34	32	30	29	26	22	17	11							
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	91	74	63	48	31							
-	4XR8/23-3	3	4		145	141	129	121	115	109	100	85	65	42							
-	4XR8/30-4	4	5.5		189	183	169	158	150	143	130	111	85	55							
-	4XR8/36-5.5	5.5	7.5		227	220	202	190	180	171	156	133	102	66							
-	4XR8/42-7.5	7.5	10		265	257	236	221	210	200	182	155	119	77							

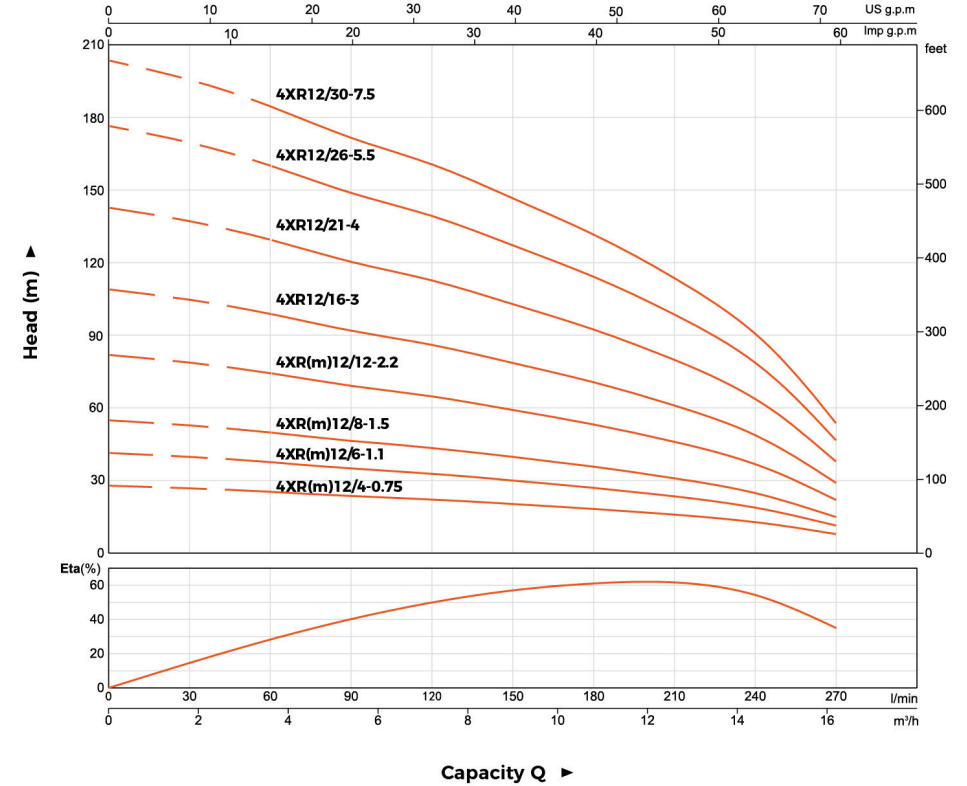
4XR 10



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
				Q(l/min)	0	30	60	90	120	150	180	210	240
4XRm10/5-0.75	4XR10/5-0.75	0.75	1	H (m)	34	33	30	29	27	25	21	15	7
4XRm10/7-1.1	4XR10/7-1.1	1.1	1.5		47	46	43	40	38	34	29	21	10
4XRm10/9-1.5	4XR10/9-1.5	1.5	2		61	59	55	52	49	44	37	27	13
4XRm10/13-2.2	4XR10/13-2.2	2.2	3		88	86	79	75	71	64	53	39	19
-	4XR10/17-3	3	4		115	112	104	98	93	84	70	51	25
-	4XR10/24-4	4	5.5		162	158	146	138	131	118	99	72	35
-	4XR10/29-5.5	5.5	7.5		195	191	177	166	159	142	119	87	42
-	4XR10/34-7.5	7.5	10		229	224	207	195	186	167	140	102	49

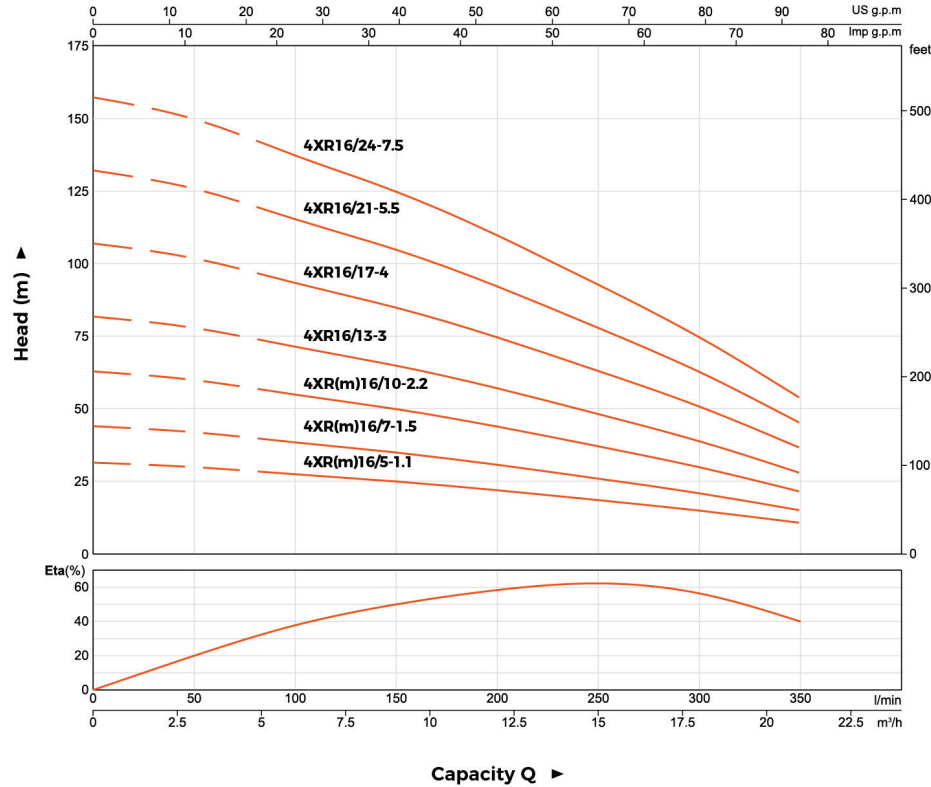
4XR 12



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		
				Q(l/min)	0	30	60	90	120	150	180	210	240	270		
4XRm12/4-0.75	4XR12/4-0.75	0.75	1	H (m)	27	26	25	23	21	19	17	15	12	7		
4XRm12/6-1.1	4XR12/6-1.1	1.1	1.5		41	39	37	34	32	29	26	23	18	11		
4XRm12/8-1.5	4XR12/8-1.5	1.5	2		54	52	49	45	43	39	35	30	24	14		
4XRm12/12-2.2	4XR12/12-2.2	2.2	3		81	78	74	68	64	58	52	45	36	21		
-	4XR12/16-3	3	4		108	104	98	90	85	78	70	60	48	28		
-	4XR12/21-4	4	5.5		142	137	129	118	112	102	92	79	63	37		
-	4XR12/26-5.5	5.5	7.5		176	169	159	146	139	127	114	98	78	46		
-	4XR12/30-7.5	7.5	10		203	195	184	169	160	146	131	113	90	53		

4XR 16



Technical Data

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

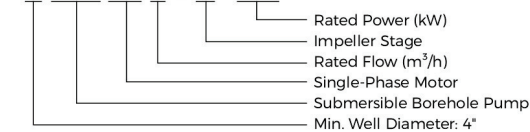
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 150 m
- Minimum well diameter: 4"
- Warranty: 2 years

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