

XR



Application

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

Operating conditions

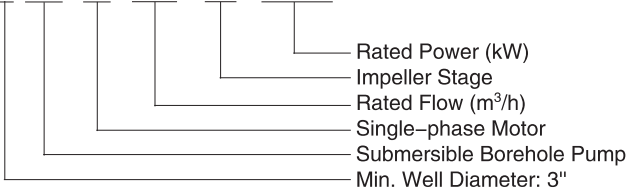
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 80 m
- Minimum well diameter: 3"

Motor and Pump

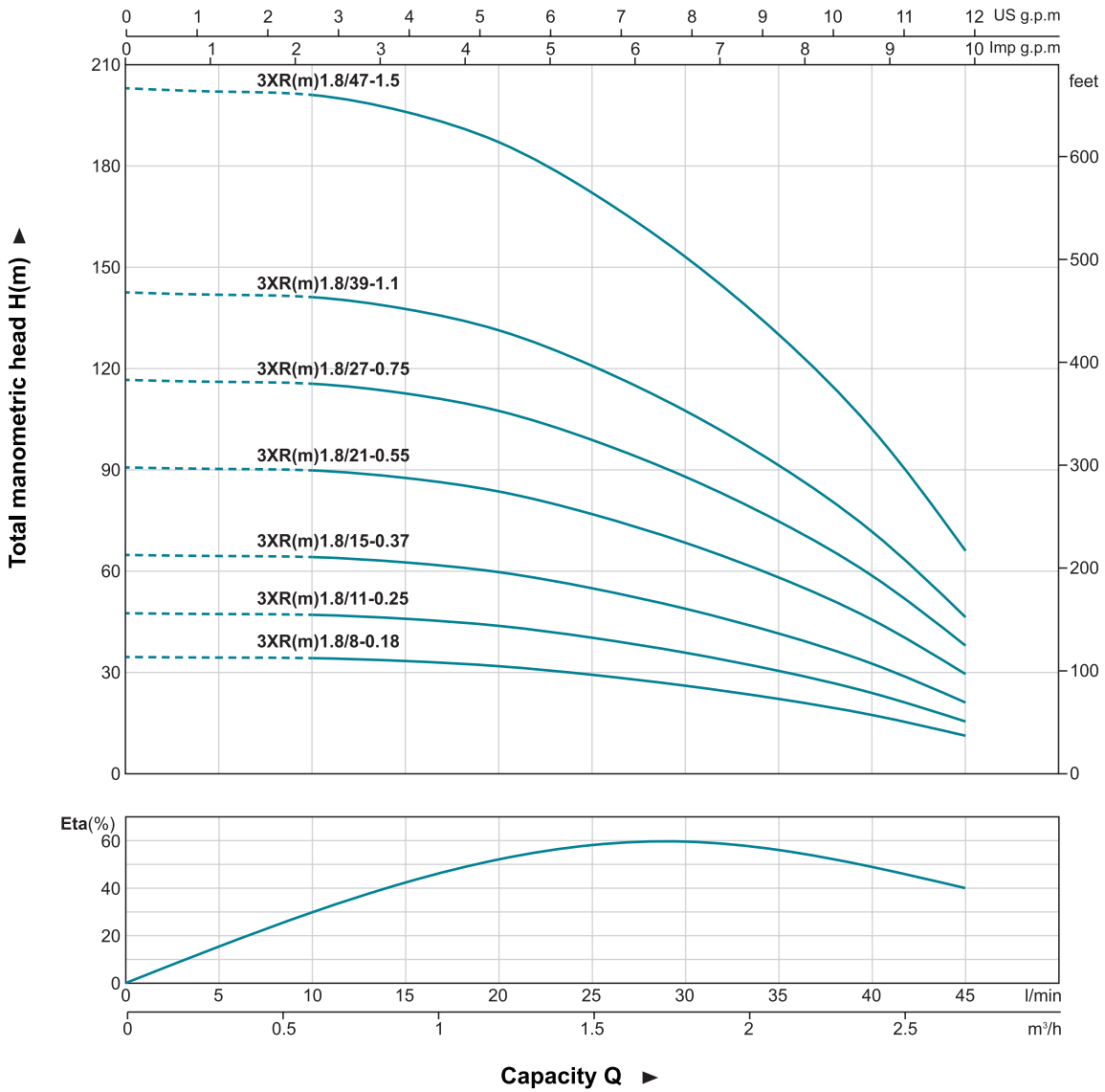
- Rewindable motor or full obturated screen motor
- **Three-phase:** 380V–415V/50Hz
- **Single-phase:** 220V–240V/50Hz
- Pumps are designed by casing stressed
- Curve tolerance according to ISO 9906

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 pharmaceutic use.

3XR(m)1.8/ 11–0.25



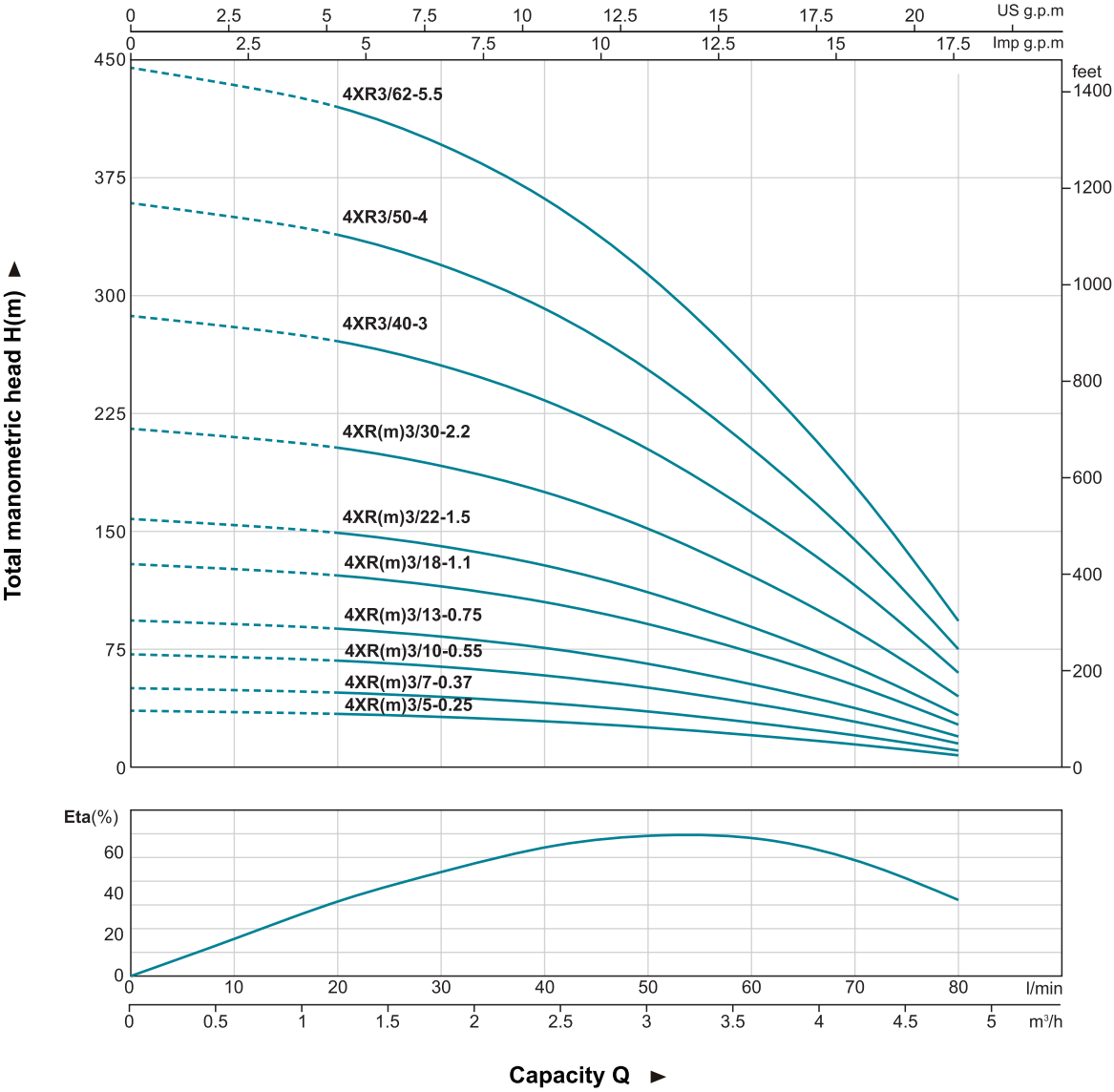
3XR 1.8



Technical Data

MODEL		P ₂		DELIVERY												n≈2850 1/min	
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		
					l/min	0	5	10	15	20	25	30	35	40	45		
3XRm1.8/8-0.18	3XR1.8/8-0.18	0.18	0.25	H(m)		35	34	34	33	32	29	26	22	17	11		
3XRm1.8/11-0.25	3XR1.8/11-0.25	0.25	0.33			48	47	47	46	44	40	36	30	24	15		
3XRm1.8/15-0.37	3XR1.8/15-0.37	0.37	0.5			65	64	64	63	60	55	49	41	33	21		
3XRm1.8/21-0.55	3XR1.8/21-0.55	0.55	0.75			91	90	90	88	84	77	68	58	46	29		
3XRm1.8/27-0.75	3XR1.8/27-0.75	0.75	1			117	116	115	113	107	99	88	75	59	38		
3XRm1.8/39-1.1	3XR1.8/39-1.1	1.1	1.5			168	168	167	163	155	143	127	108	85	55		
3XRm1.8/47-1.5	3XR1.8/47-1.5	1.5	2			203	202	201	196	187	172	153	130	102	66		

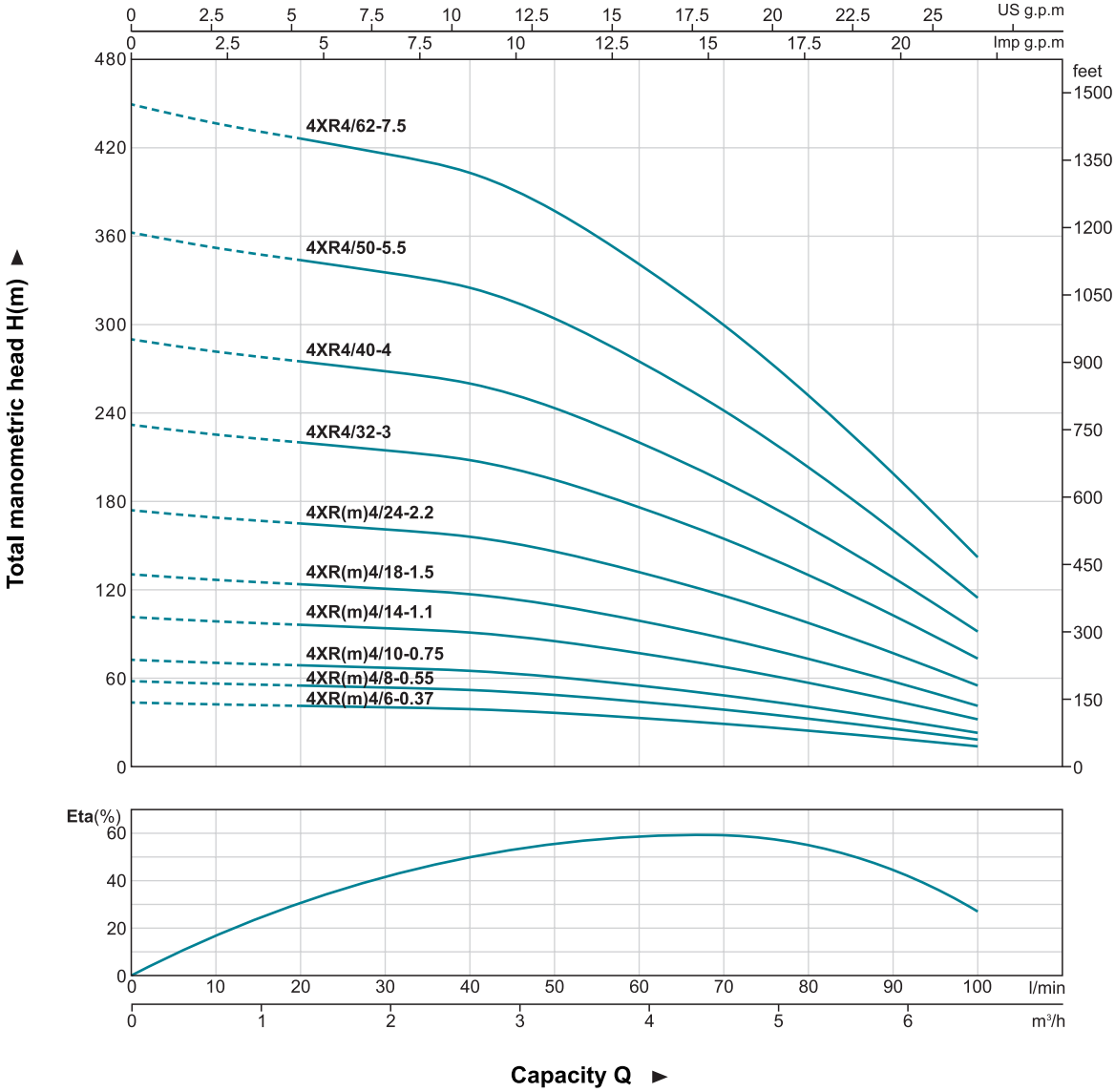
4XR 3



Technical Data

MODEL		P ₂		DELIVERY										n≈2850 1/min	
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	
					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)	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		

4XR 4

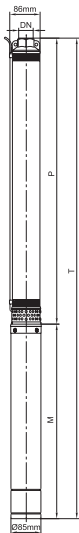


Technical Data

MODEL		P ₂		DELIVERY										n≈2850 1/min	
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	
					l/min	0	10	20	30	40	50	60	70	80	
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
-	4XR4/40-4	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
-	4XR4/62-7.5	7.5	10		450	436	426	416	403	377	341	300	252	199	142

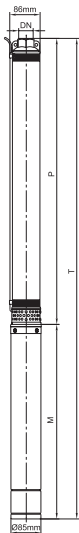
3.5XR 2

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
3.5XRm2/8-0.25	3.5XR2/8-0.25	1¼"/1½"	396	303	303	699	699	1.8	5.5	5.5	7.3	7.3
3.5XRm2/11-0.37	3.5XR2/11-0.37	1¼"/1½"	466	318	303	784	769	2.1	6.1	5.5	8.2	7.6
3.5XRm2/14-0.55	3.5XR2/14-0.55	1¼"/1½"	536	338	318	874	854	2.3	6.8	6.1	9.1	8.4
3.5XRm2/17-0.75	3.5XR2/17-0.75	1¼"/1½"	607	363	338	970	945	2.6	7.8	6.8	10.4	9.4
3.5XRm2/25-1.1	3.5XR2/25-1.1	1¼"/1½"	819	413	388	1232	1207	3.6	9.9	8.8	13.5	12.4
3.5XRm2/33-1.5	3.5XR2/33-1.5	1¼"/1½"	1007	463	438	1470	1445	4.3	11.8	10.7	16.1	15.0



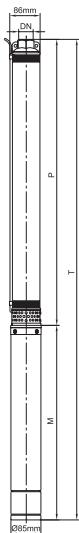
3.5XR 3

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
3.5XRm3/6-0.25	3.5XR3/6-0.25	1¼"/1½"	367	303	303	670	670	2.1	5.5	5.5	7.6	7.6
3.5XRm3/8-0.37	3.5XR3/8-0.37	1¼"/1½"	419	318	303	737	722	2.5	6.1	5.5	8.6	8.0
3.5XRm3/11-0.55	3.5XR3/11-0.55	1¼"/1½"	498	338	318	836	816	3.0	6.8	6.1	9.8	9.1
3.5XRm3/14-0.75	3.5XR3/14-0.75	1¼"/1½"	577	363	338	940	915	3.5	7.8	6.8	11.3	10.3
3.5XRm3/20-1.1	3.5XR3/20-1.1	1¼"/1½"	760	413	388	1173	1148	4.8	9.9	8.8	14.7	13.6
3.5XRm3/26-1.5	3.5XR3/26-1.5	1¼"/1½"	918	463	438	1381	1356	5.8	11.8	10.7	17.6	16.5



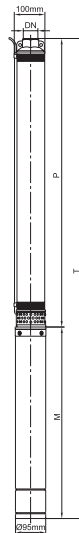
3.5XR 4

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
3.5XRm4/5-0.25	3.5XR4/5-0.25	1¼"/1½"	354	303	303	657	657	2.0	5.5	5.5	7.5	7.5
3.5XRm4/7-0.37	3.5XR4/7-0.37	1¼"/1½"	413	318	303	731	716	2.3	6.1	5.5	8.4	7.8
3.5XRm4/9-0.55	3.5XR4/9-0.55	1¼"/1½"	471	338	318	809	789	2.7	6.8	6.1	9.5	8.8
3.5XRm4/11-0.75	3.5XR4/11-0.75	1¼"/1½"	529	363	338	892	867	3.0	7.8	6.8	10.8	9.8
3.5XRm4/16-1.1	3.5XR4/16-1.1	1¼"/1½"	700	413	388	1113	1088	3.9	9.9	8.8	13.8	12.7
3.5XRm4/21-1.5	3.5XR4/21-1.5	1¼"/1½"	845	463	438	1308	1283	5.0	11.8	10.7	16.8	15.7



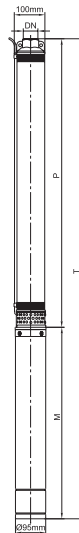
4XR 2

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4XRm2/7-0.25	4XR2/7-0.25	1¼"/1½"	392	299	299	691	691	3.3	5.5	5.8	8.8	9.1
4XRm2/9-0.37	4XR2/9-0.37	1¼"/1½"	440	314	314	754	754	3.8	6.7	6.7	10.5	10.5
4XRm2/12-0.55	4XR2/12-0.55	1¼"/1½"	514	329	329	843	843	4.6	7.3	7.3	11.9	11.9
4XRm2/16-0.75	4XR2/16-0.75	1¼"/1½"	611	359	344	970	955	5.5	8.7	8.0	14.2	13.5
4XRm2/22-1.1	4XR2/22-1.1	1¼"/1½"	789	399	379	1188	1168	7.0	10.6	9.8	17.6	16.8
4XRm2/28-1.5	4XR2/28-1.5	1¼"/1½"	936	449	424	1385	1360	8.4	12.9	11.7	21.3	20.1
4XRm2/40-2.2	4XR2/40-2.2	1¼"/1½"	1228	542	514	1770	1742	10.9	17.7	15.7	28.6	26.6
-	4XR2/52-3	1¼"/1½"	1553	-	594	-	2147	13.9	-	19.8	-	33.7
-	4XR2/65-4	1¼"/1½"	1901	-	698	-	2599	17.5	-	23.7	-	41.2



4XR 3

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4XRm3/5-0.25	4XR3/5-0.25	1¼"/1½"	355	299	299	654	654	2.8	5.5	5.8	8.3	8.6
4XRm3/7-0.37	4XR3/7-0.37	1¼"/1½"	409	314	314	723	723	3.4	6.7	6.7	10.1	10.1
4XRm3/10-0.55	4XR3/10-0.55	1¼"/1½"	490	329	329	814	819	4.1	7.3	7.3	11.4	11.4
4XRm3/13-0.75	4XR3/13-0.75	1¼"/1½"	571	359	344	930	915	4.9	8.7	8.0	13.6	12.9
4XRm3/18-1.1	4XR3/18-1.1	1¼"/1½"	737	399	379	1136	1116	6.2	10.6	9.8	16.8	16.0
4XRm3/22-1.5	4XR3/22-1.5	1¼"/1½"	844	449	424	1293	1268	7.3	12.9	11.7	20.2	19.0
4XRm3/30-2.2	4XR3/30-2.2	1¼"/1½"	1059	542	514	1601	1573	9.3	17.7	15.7	27.0	25.0
-	4XR3/40-3	1¼"/1½"	1360	-	594	-	1954	11.9	-	19.8	-	31.7
-	4XR3/50-4	1¼"/1½"	1629	-	698	-	2327	14.5	-	23.7	-	38.2
-	4XR3/62-5.5	1¼"/1½"	1983	-	788	-	2771	17.6	-	28.0	-	45.6



4XR 4

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4XRm4/6-0.37	4XR4/6-0.37	1¼"/1½"	396	314	314	710	710	3.2	6.7	6.7	9.9	9.9
4XRm4/8-0.55	4XR4/8-0.55	1¼"/1½"	454	329	329	783	783	3.7	7.3	7.3	11.0	11.0
4XRm4/10-0.75	4XR4/10-0.75	1¼"/1½"	513	359	344	872	857	4.3	8.7	8.0	13.0	12.3
4XRm4/14-1.1	4XR4/14-1.1	1¼"/1½"	630	399	379	1029	1009	5.3	10.6	9.8	15.9	15.1
4XRm4/18-1.5	4XR4/18-1.5	1¼"/1½"	778	449	424	1227	1202	6.4	12.9	11.7	19.3	18.1
4XRm4/24-2.2	4XR4/24-2.2	1¼"/1½"	953	542	514	1495	1467	8.1	17.7	15.7	25.8	23.8
-	4XR4/32-3	1¼"/1½"	1187	-	594	-	1781	10.2	-	19.8	-	30.0
-	4XR4/40-4	1¼"/1½"	1452	-	698	-	2150	12.4	-	23.7	-	36.1
-	4XR4/50-5.5	1¼"/1½"	1744	-	788	-	2532	15.1	-	28.0	-	43.1
-	4XR4/62-7.5	1¼"/1½"	2126	-	908	-	3034	18.4	-	34.0	-	52.4

