

XR



Application

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

Operating conditions

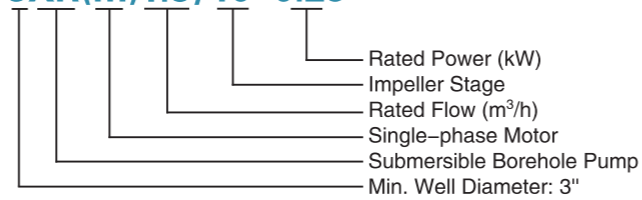
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 80 m
- Minimum well diameter: 3"

Motor and Pump

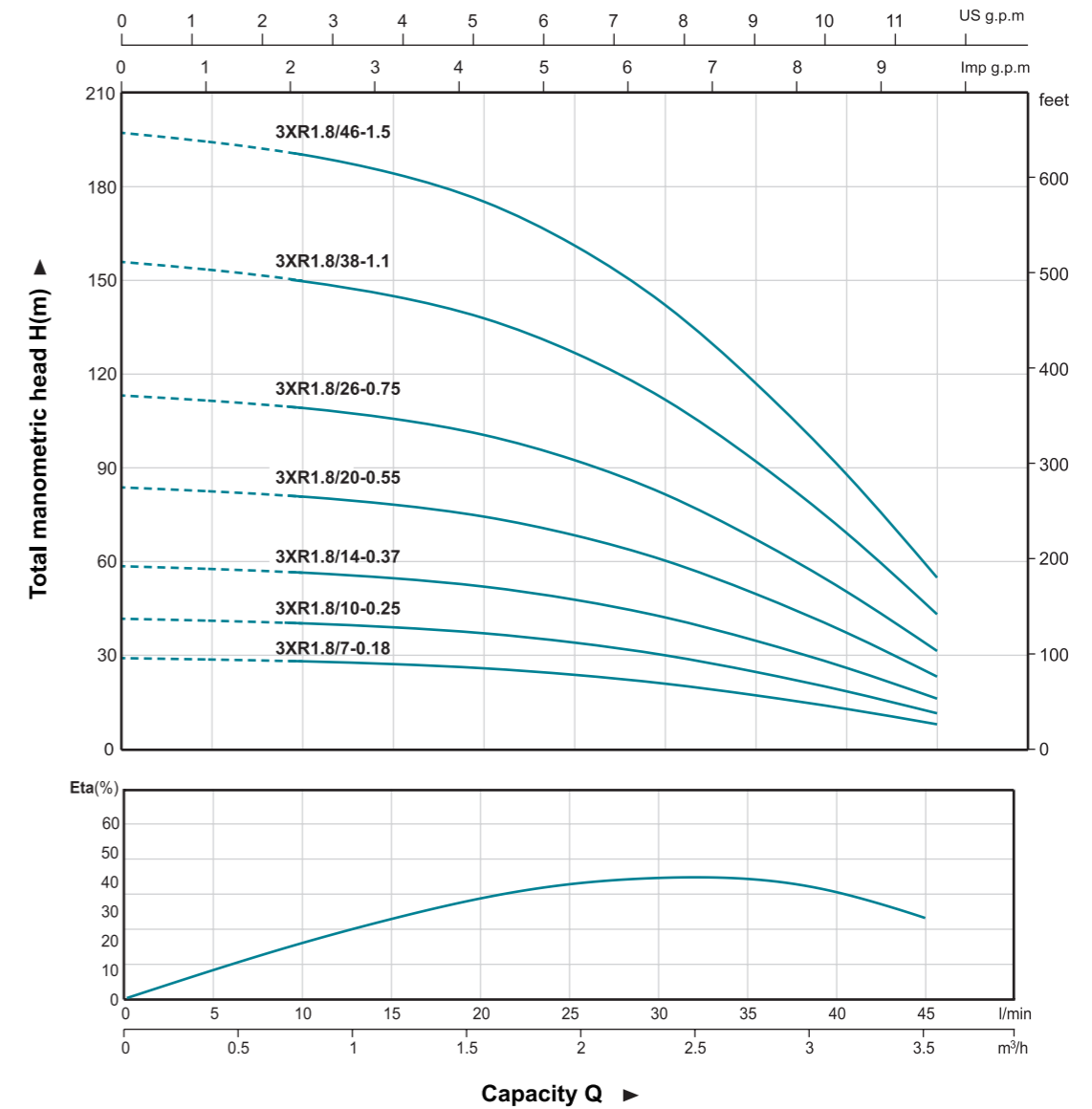
- Rewindable motor or full obturated screen motor
- **Three-phase:** 380V–415V/50Hz
- **Single-phase:** 220V–240V/50Hz
- Pumps are designed by casing stressed
- Curve tolerance according to ISO 9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM280
Suction lantern	Cast-Cu ASTM280
Diffuser	PC
Impeller	POM
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 ASTM280
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

3XR(m)1.8/10-0.25



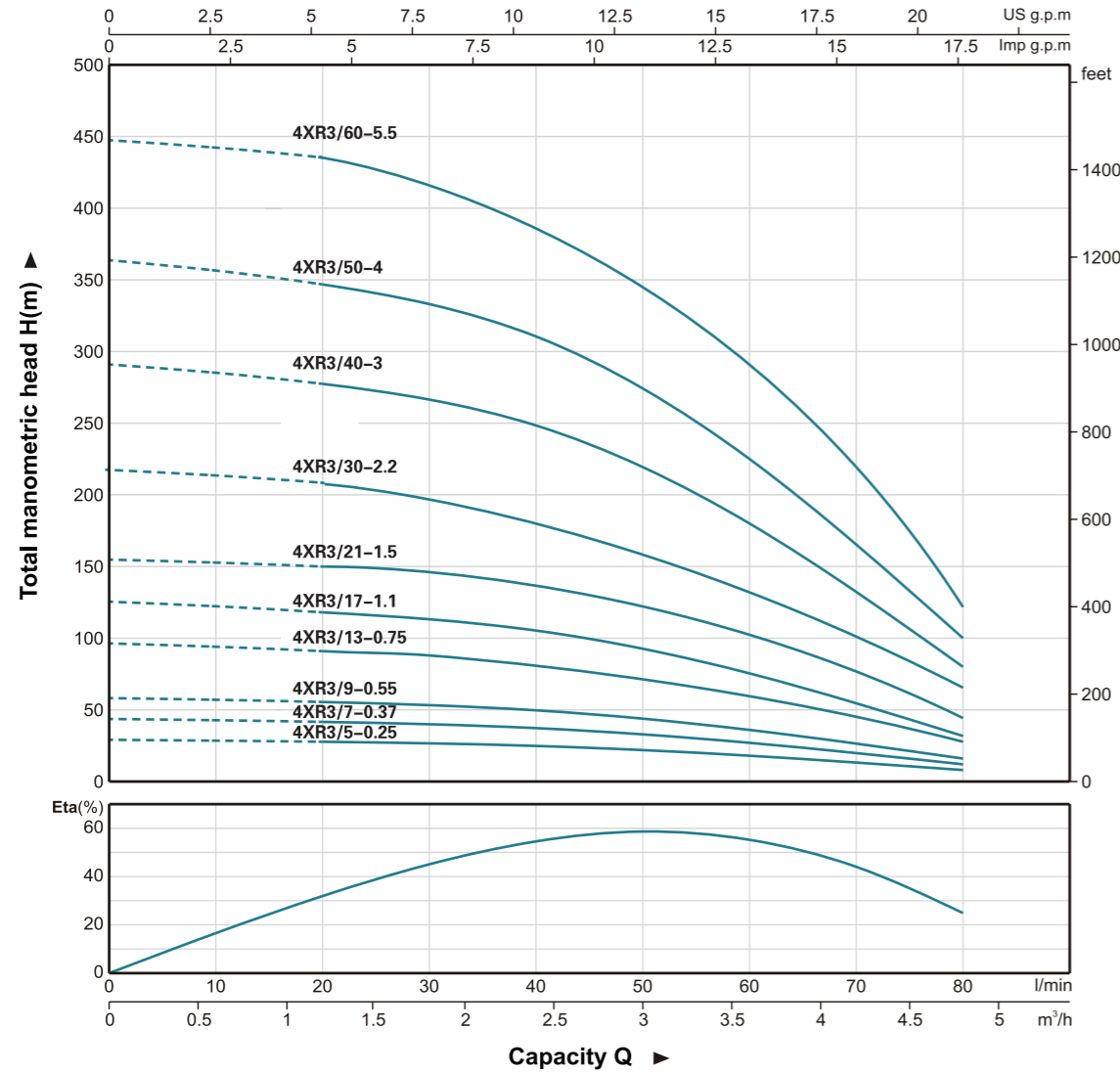
3XR 1.8



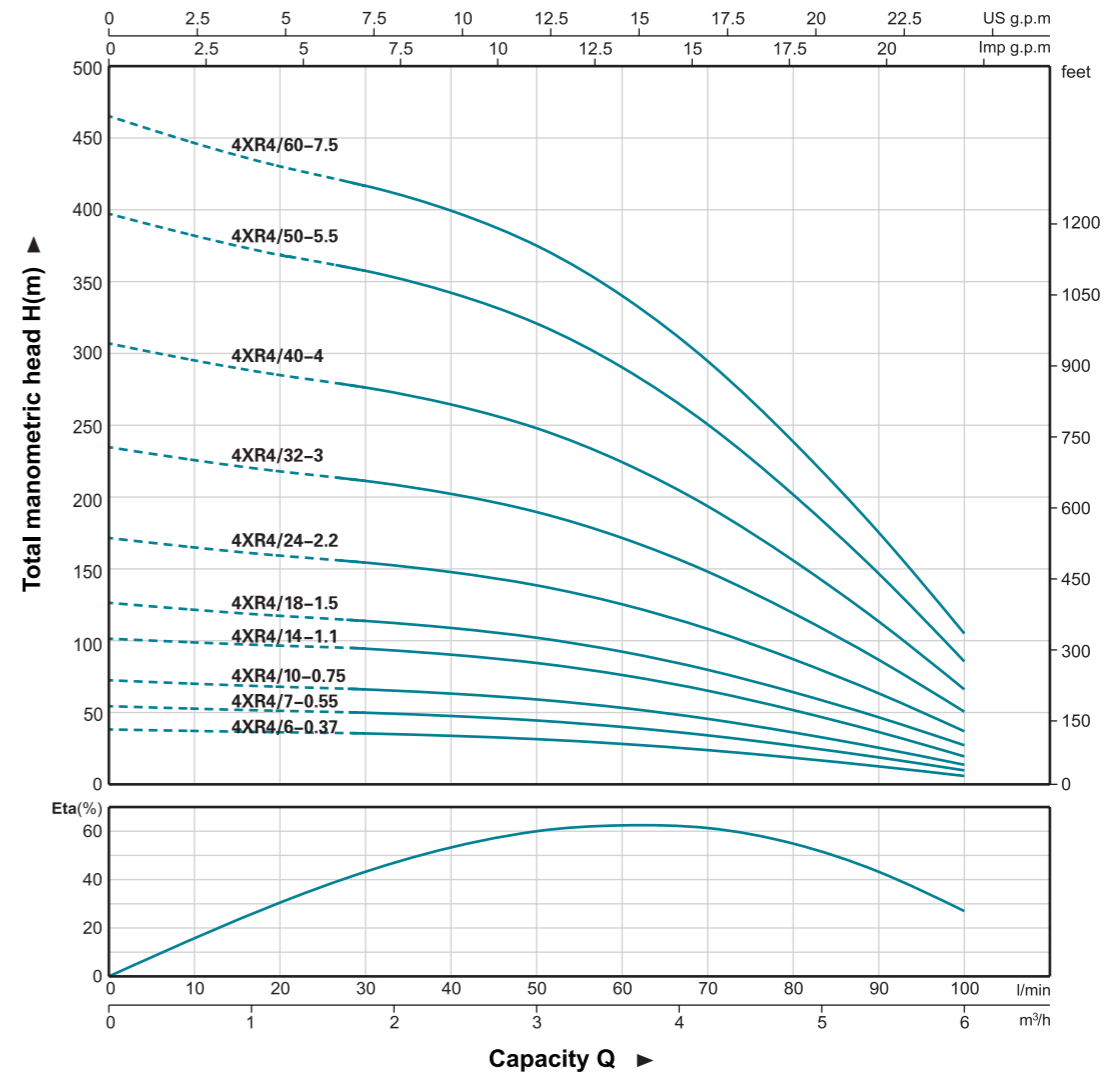
Technical Data

Model		P ₂		Delivery														
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m ³ /h													
					l/min	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
3XRm1.8/7-0.18	3XR1.8/7-0.18	0.18	0.25	H(m)	29	29	28	27	26	24	21	17	13	8				
3XRm1.8/10-0.25	3XR1.8/10-0.25	0.25	0.33		42	41	40	39	37	34	30	25	19	12				
3XRm1.8/14-0.37	3XR1.8/14-0.37	0.37	0.5		59	58	57	55	52	48	42	35	26	16				
3XRm1.8/20-0.55	3XR1.8/20-0.55	0.55	0.75		84	83	81	78	74	69	60	50	37	23				
3XRm1.8/26-0.75	3XR1.8/26-0.75	0.75	1		113	111	109	106	101	92	82	67	51	32				
3XRm1.8/38-1.1	3XR1.8/38-1.1	1.1	1.5		155	153	150	145	138	127	112	92	69	43				
3XRm1.8/46-1.5	3XR1.8/46-1.5	1.5	2		197	194	190	184	175	161	142	117	88	55				

4XR 3



4XR 4



Technical Data

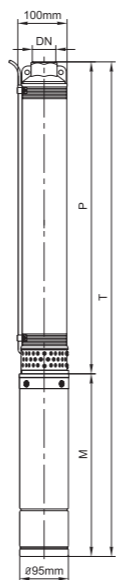
Model		P ₂		Delivery										
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m ³ /h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
						0	10	20	30	40	50	60	70	80
4XRm3/5-0.25	4XR3/5-0.25	0.25	0.33	H(m)	36	35	34	32	30	27	22	17	11	
4XRm3/7-0.37	4XR3/7-0.37	0.37	0.5		51	49	47	45	42	37	31	23	15	
4XRm3/9-0.55	4XR3/9-0.55	0.55	0.75		65	63	61	58	54	48	40	30	19	
4XRm3/13-0.75	4XR3/13-0.75	0.75	1		94	91	88	84	78	69	58	43	27	
4XRm3/17-1.1	4XR3/17-1.1	1.1	1.5		130	126	122	116	108	96	80	60	38	
4XRm3/21-1.5	4XR3/21-1.5	1.5	2		145	140	135	129	120	107	89	67	42	
4XRm3/30-2.2	4XR3/30-2.2	2.2	3		217	210	203	193	180	160	133	100	63	
-	4XR3/40-3	3	4		289	280	271	258	240	213	178	133	85	
-	4XR3/50-4	4	5.5		361	350	339	322	300	266	222	166	106	
-	4XR3/60-5.5	5.5	7.5		448	434	420	400	372	331	276	207	131	

Technical Data

Model		P ₂		Delivery													
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m ³ /h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	
						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)	39	37	36	35	34	32	29	26	23	18	14		
4XRm4/7-0.55	4XR4/7-0.55	0.55	0.75		54	52	51	49	48	45	41	37	32	26	19		
4XRm4/10-0.75	4XR4/10-0.75	0.75	1		70	67	65	63	61	57	53	48	41	33	25		
4XRm4/14-1.1	4XR4/14-1.1	1.1	1.5		101	97	94	91	88	83	76	69	59	48	36		
4XRm4/18-1.5	4XR4/18-1.5	1.5	2		131	126	123	120	116	109	100	90	77	62	46		
4XRm4/24-2.2	4XR4/24-2.2	2.2	3		186	178	174	169	163	153	141	127	109	88	66		
-	4XR4/32-3	3	4		247	238	231	225	218	204	188	170	145	117	87		
-	4XR4/40-4	4	5.5		309	297	289	281	272	255	235	212	181	147	109		
-	4XR4/50-5.5	5.5	7.5		387	372	362	352	340	319	294	265	227	183	137		
-	4XR4/60-7.5	7.5	10		464	446	434	422	408	383	353	318	272	220	164		

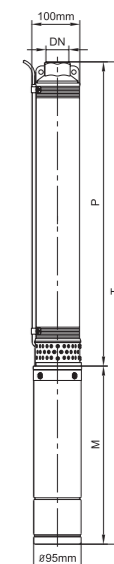
3.5XR 4

MODEL		DN	DIMENSION (mm)					WEIGHT (kgs)				
1 ~ 220V/240V	3 ~ 380V/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	1 1/4"	346	302	282	648	628	3.2	5.6	4.8	8.8	8.0
3.5XRm4/7-0.37	3.5XR4/7-0.37	1 1/4"	399	317	302	716	701	3.5	6.1	5.6	9.6	9.1
3.5XRm4/9-0.55	3.5XR4/9-0.55	1 1/4"	451	337	317	788	768	3.9	6.9	6.1	10.8	10.0
3.5XRm4/11-0.75	3.5XR4/11-0.75	1 1/4"	504	362	337	866	841	4.2	7.8	6.9	12.0	11.1
3.5XRm4/16-1.1	3.5XR4/16-1.1	1 1/4"	636	412	387	1048	1023	5.1	9.7	8.8	14.8	13.9
3.5XRm4/21-1.5	3.5XR4/21-1.5	1 1/4"	767	462	437	1229	1204	5.8	11.6	10.7	17.4	16.5



4XR 4

MODEL		DN	DIMENSION (mm)					WEIGHT (kgs)				
1 ~ 220V/240V	3 ~ 380V/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	1 1/2"	369	313	313	682	682	3.3	6.9	6.6	10.2	9.9
4XRm4/7-0.55	4XR4/7-0.55	1 1/2"	426	328	328	754	754	3.8	7.6	7.2	11.4	11.0
4XRm4/10-0.75	4XR4/10-0.75	1 1/2"	482	358	343	840	825	4.4	8.9	7.9	13.3	12.3
4XRm4/14-1.1	4XR4/14-1.1	1 1/2"	595	398	378	993	973	5.4	10.7	9.5	16.1	14.9
4XRm4/18-1.5	4XR4/18-1.5	1 1/2"	708	448	413	1156	1121	6.5	12.9	11.0	19.4	17.5
-	4XR4/32-3	1 1/2"	1164	-	551	-	1715	10.6	-	17.7	-	28.3
-	4XR4/40-4	1 1/2"	1390	-	616	-	2006	12.8	-	20.9	-	33.7
-	4XR4/50-5.5	1 1/2"	1704	-	712	-	2416	15.5	-	24.9	-	40.4
-	4XR4/60-7.5	1 1/2"	1986	-	812	-	2798	18.2	-	29.9	-	48.1



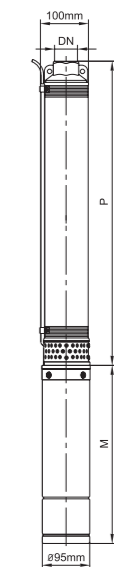
4XR 2

MODEL		DN	DIMENSION (mm)					WEIGHT (kgs)				
1 ~ 220V/240V	3 ~ 380V/415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4XRm2/6-0.25	4XR2/6-0.25	1 1/4"	378	298	298	676	676	3.0	6.2	5.9	9.2	8.9
4XRm2/8-0.37	4XR2/8-0.37	1 1/4"	428	313	313	741	741	3.5	6.9	6.6	10.4	10.1
4XRm2/11-0.55	4XR2/11-0.55	1 1/4"	503	328	328	831	831	4.3	7.6	7.2	11.9	11.5
4XRm2/16-0.75	4XR2/16-0.75	1 1/4"	627	358	343	985	970	5.5	8.9	7.9	13.2	12.9
4XRm2/22-1.1	4XR2/22-1.1	1 1/4"	777	398	378	1080	1080	6.2	9.8	9.5	16.0	15.7
4XRm2/28-1.5	4XR2/28-1.5	1 1/4"	958	448	413	1406	1371	8.4	12.9	11.0	21.3	19.4
4XRm2/38-2.2	4XR2/38-2.2	1 1/4"	1208	541	501	1749	1709	10.9	17.4	15.2	28.3	26.1
-	4XR2/50-3	1 1/4"	1507	-	551	-	2058	13.9	-	17.7	-	31.6
-	4XR2/62-4	1 1/4"	1838	-	616	-	2454	16.8	-	20.9	-	37.7



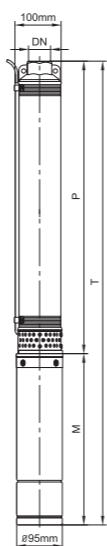
4XR 6

MODEL		DN	DIMENSION (mm)					WEIGHT (kgs)				
1 ~ 220V/240V	3 ~ 380V/415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4XRm6/5-0.37	4XR6/5-0.37	1 1/2"	413	313	313	726	726	3.5	6.9	6.6	10.4	10.1
4XRm6/6-0.55	4XR6/6-0.55	1 1/2"	479	328	328	807	807	4.1	7.6	7.2	11.7	11.3
4XRm6/8-0.75	4XR6/8-0.75	1 1/2"	545	358	343	903	888	4.7	8.9	7.9	13.6	12.6
4XRm6/11-1.1	4XR6/11-1.1	1 1/2"	644	398	378	1042	1022	5.5	10.7	9.5	16.2	15.0
4XRm6/14-1.5	4XR6/14-1.5	1 1/2"	742	448	413	1190	1155	6.4	12.9	11.0	17.6	16.8
4XRm6/20-2.2	4XR6/20-2.2	1 1/2"	972	541	501	1513	1473	8.1	17.4	15.2	25.5	23.3
-	4XR6/26-3	1 1/2"	1202	-	551	-	1753	10.1	-	17.7	-	27.8
-	4XR6/34-4	1 1/2"	1466	-	616	-	2082	12.3	-	20.9	-	33.2
-	4XR6/42-5.5	1 1/2"	1761	-	712	-	2473	14.6	-	24.9	-	39.5
-	4XR6/50-7.5	1 1/2"	2025	-	812	-	2837	14.9	-	29.9	-	46.8



4XR 3

MODEL		DN	DIMENSION (mm)					WEIGHT (kgs)				
1 ~ 220V/240V	3 ~ 380V/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	1 1/4"	363	298	298	661	661	3.0	6.2	5.9	9.2	8.9
4XRm3/7-0.37	4XR3/7-0.37	1 1/4"	417	313	313	730	730	3.5	6.9	6.6	10.4	10.1
4XRm3/9-0.55	4XR3/9-0.55	1 1/4"	471	328	328	799	799	4.1	7.6	7.2	11.7	11.3
4XRm3/13-0.75	4XR3/13-0.75	1 1/4"	578	358	343	936	921	5.1	8.9	7.9	14.0	13.0
4XRm3/21-1.5	4XR3/21-1.5	1 1/4"	821	448	413	1269	1234	7.4	12.9	11.0	20.3	18.4
4XRm3/30-2.2	4XR3/30-2.2	1 1/4"	1068	541	501	1609	1569	9.5	17.4	15.2	26.9	24.7
-	4XR3/40-3	1 1/4"	1338	-	551	-	1889	12.1	-	17.7	-	29.8
-	4XR3/50-4	1 1/4"	1639	-	616	-	2255	14.7	-	20.9	-	35.6
-	4XR3/60-5.5	1 1/4"	1962	-	712	-	2674	17.8	-	24.9	-	42.7



4XR 8

MODEL		DN	DIMENSION (mm)					WEIGHT (kgs)				
1 ~ 220V/240V	3 ~ 380V/415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4XRm8/5-0.55	4XR8/5-0.55	1 1/2"	439	328	328	767	767	3.8	7.6	7.2	14.4	11.0
4XRm8/7-0.75	4XR8/7-0.75	1 1/2"	515	358	343	873	858	4.4	8.9	7.9	13.3	12.3
4XRm8/9-1.1	4XR8/9-1.1	1 1/2"	591	398	378	989	969	4.9	10.7	9.5	15.6	14.4
4XRm8/12-1.5	4XR8/12-1.5	1 1/2"	706	448	413	1154	1119	5.8	12.9	11.0	18.7	16.8
4XRm8/18-2.2	4XR8/18-2.2	1 1/2"	966	541	501	1507	1467	7.6	17.4	15.2	25.0	22.8
-	4XR8/24-3	1 1/2"	1195	-	551	-	1746	9.4	-	17.7	-	27.1
-	4XR8/30-4	1 1/2"	1424	-	616	-	2040	11.2	-	20.9	-	32.1
-	4XR8/38-5.5	1 1/2"	1761	-	712	-	2473	13.5	-	24.9	-	38.4
-	4XR8/36-7.5	1 1/2"	2066	-	812	-	2878	15.9	-	29.9	-	45.8

