



Stainless steel impeller

### Application

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

### Operating Conditions

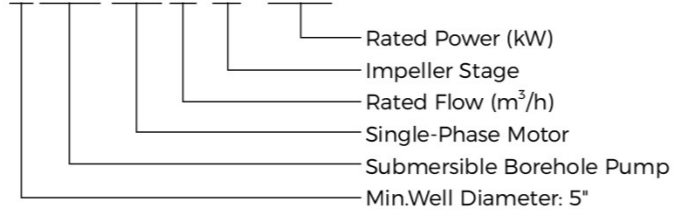
- Maximum fluid temperature up to +35°C
- Minimum immersion: 100 mm
- Maximum immersion: 20 m
- Minimum well diameter: 5"

### Motor and Pump

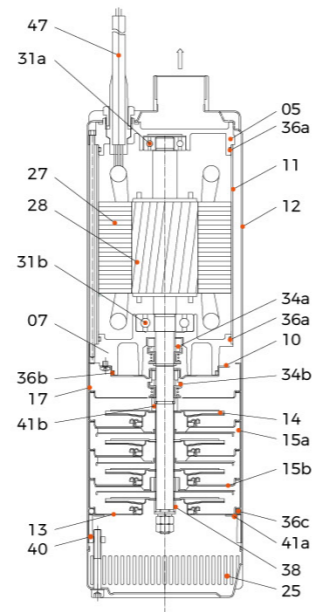
- Rewindable motor
- **Single phase:** 230V±10%/50Hz
- **Three phase:** 230V±10%/50Hz  
400V±10%/50Hz
- Cable length: 10 m
- Insulation class: F
- Protection class: IP68
- Standard: Built-in capacitors  
Optional: External capacitors

### Identification Codes

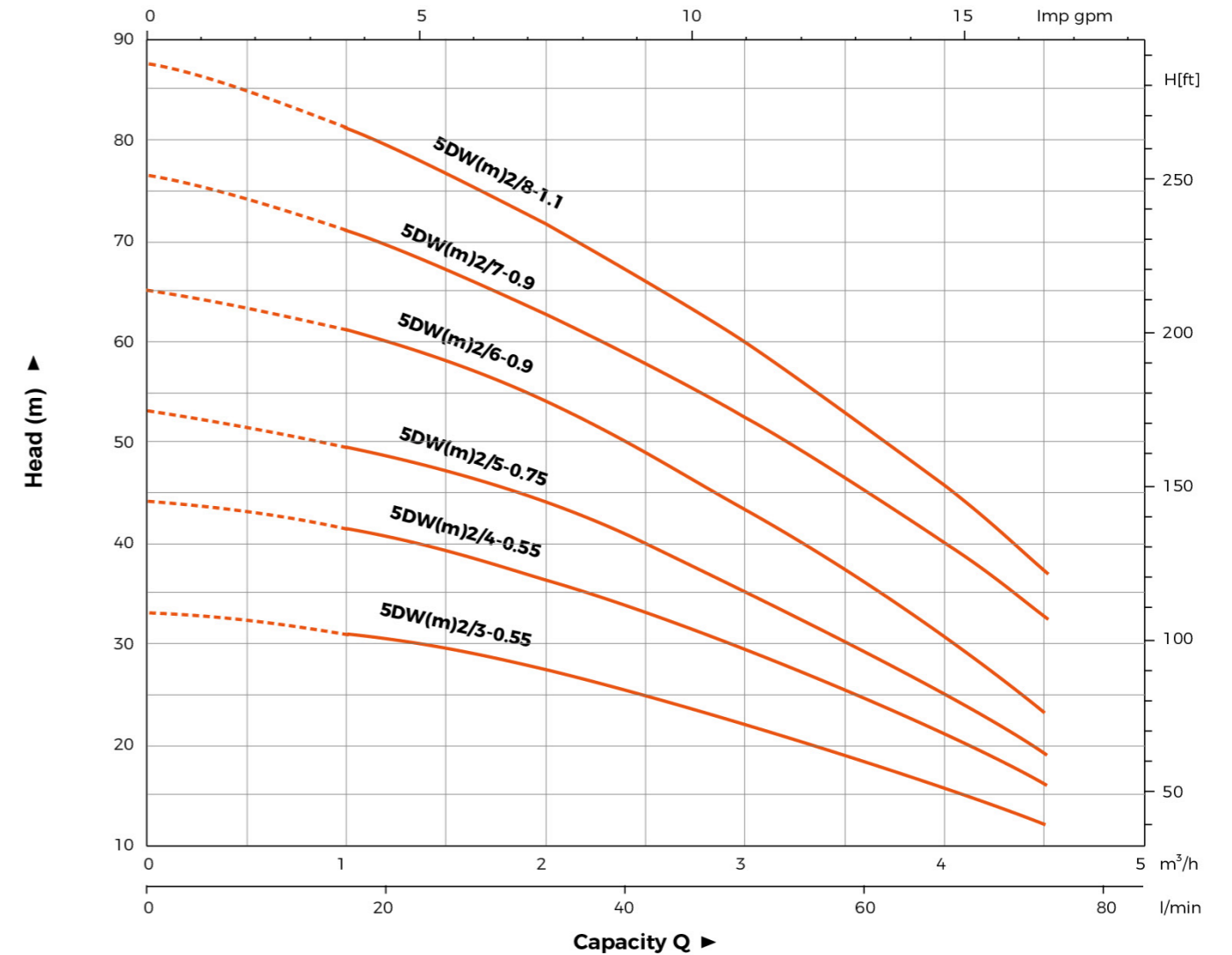
#### 5 DW (m) 2 / 3 - 0.55



No.	Components	Material
5	Upper cover	Cast Cu (Standard) AISI304 Optional
7	Bearing house	
10	Seal bracket	AISI304
11	Motor casing	AISI304
12	Outer casing	AISI304
13	Pump casing	AISI304
14	Impeller	AISI304
15	Diffuser	AISI304
17	Suction interconnector	AISI304
25	Strainer	AISI304
27	Stator	/
28	Rotor	/
31a,b	Bearing	/
34a	Mechanical Seal	Carbon/Ceramic
34b	Mechanical Seal	Sic/Sic
36a,b,c	O-ring	NBR
38	Shaft sleeve	AISI304
40	Clamp ring	Cast Cu
41a	Shim	AISI304
41b	Pressing block	AISI304
47	Cable	H07RN-F



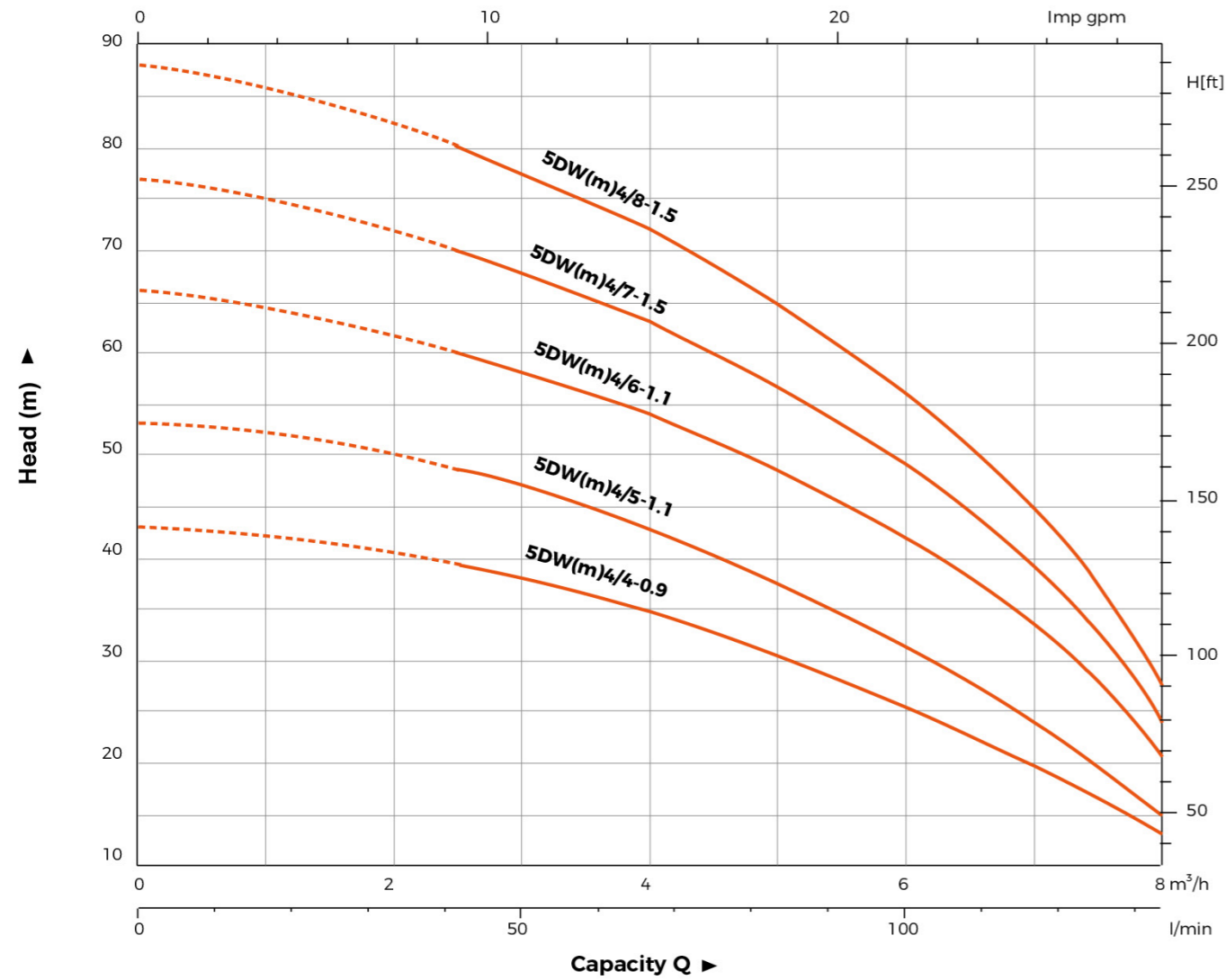
### Hydraulic Performance Curves



### Technical Data

Model		Power		DELIVERY n=2850 rpm										
1~	3~	kW	HP	Q(m³/h)		0	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5
230V	230V 400V			Q(l/min)	0	16.6	25	33.3	41.6	50	58.3	66.6	75	
5DWm2/3-0.55	5DW2/3-0.55	0.55	0.75	H (m)	33	31	29.5	27.5	25	22	19	16	12	
5DWm2/4-0.55	5DW2/4-0.55	0.55	0.75		44	41.5	39.5	36.5	33.5	29.5	25.5	21	16	
5DWm2/5-0.75	5DW2/5-0.75	0.75	1		53	49.5	47	44	40	35	30	25	19	
5DWm2/6-0.9	5DW2/6-0.9	0.9	1.2		65	61	58	54	49	43	37	30.5	23	
5DWm2/7-0.9	5DW2/7-0.9	0.9	1.2		76.5	71	67.5	62.5	57.5	52.5	46	40	32.5	
5DWm2/8-1.1	5DW2/8-1.1	1.1	1.5		87.5	81	77	71.5	66	60	52.5	46	37	

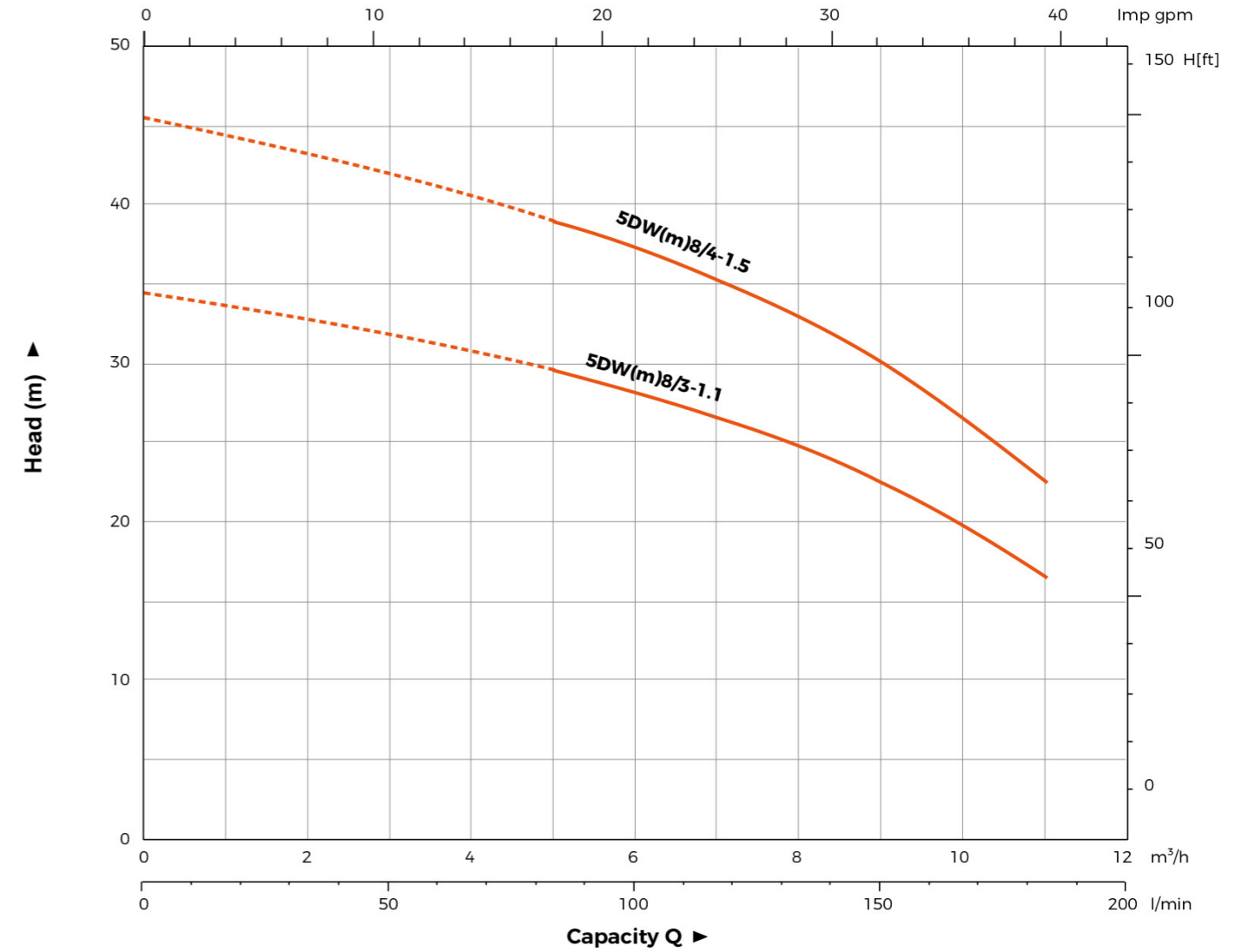
**Hydraulic Performance Curves**



**Technical Data**

Model		Power		DELIVERY n=2850 rpm										
1~	3~	kW	HP	Q(m³/h)	0	2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0
230V	230V 400V			Q(l/min)	0	41.6	50	58.3	66.6	75	83.3	100	116	133
5DWm4/4-0.9	5DW4/4-0.9	0.9	1.2	H (m)	43	39	38	36.5	35	33	30	25.5	19.5	13
5DWm4/5-1.1	5DW4/5-1.1	1.1	1.5		53	48	46.5	45	43	40	37.5	32	24	15
5DWm4/6-1.1	5DW4/6-1.1	1.1	1.5		66	60	58	56	54	51.5	49	42	34	20.5
5DWm4/7-1.5	5DW4/7-1.5	1.5	2		77	70	68	65.5	63	60	57	49	39.5	24
5DWm4/8-1.5	5DW4/8-1.5	1.5	2		88	80	77.5	75	72	68.5	65	56	45	27.5

**Hydraulic Performance Curves**



**Technical Data**

Model		Power		DELIVERY n=2850 rpm								
1~	3~	kW	HP	Q(m³/h)	0	5	6	7	8	9	10	11
230V	230V 400V			Q(l/min)	0	83.3	100	116	133	150	166	183
5DWm8/3-1.1	5DW8/3-1.1	1.1	1.5	H (m)	34.5	29.5	28	26.5	24.5	22.5	20	16.5
5DWm8/4-1.5	5DW8/4-1.5	1.5	2		45.5	39	37	35	32.5	30	26.5	22.5

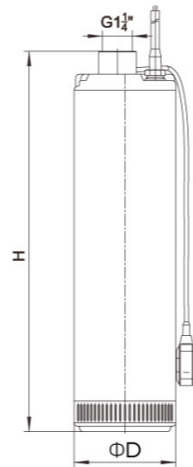
## Dimension

Model			ΦD (mm)	DN	Dimension(mm)		Weight(kg)			
1~ 230V	3~ 230V 400V				H(s)	H(τ)	N.W(s)	N.W(τ)	C.W(s)	C.W(τ)
5DWm2/3-0.55	5DW2/3-0.55		Φ128	1 1/4"	409	409	14	12.4	14.8	13
5DWm2/4-0.55	5DW2/4-0.55		Φ128	1 1/4"	433	433	14.5	12.8	15.4	13.5
5DWm2/5-0.75	5DW2/5-0.75		Φ128	1 1/4"	481	457	16.8	14.7	17.8	15.4
5DWm2/6-0.9	5DW2/6-0.9		Φ128	1 1/4"	517	493	18.1	16	19.2	16.8
5DWm2/7-0.9	5DW2/7-0.9		Φ128	1 1/4"	541	517	18.6	16.5	19.8	17.4
5DWm2/8-1.1	5DW2/8-1.1		Φ128	1 1/4"	577	553	20	17.8	21.3	18.7
5DWm4/4-0.9	5DW4/4-0.9		Φ128	1 1/4"	469	445	17	15	18.2	15.7
5DWm4/5-1.1	5DW4/5-1.1		Φ128	1 1/4"	505	481	18.5	16.3	19.6	17
5DWm4/6-1.1	5DW4/6-1.1		Φ128	1 1/4"	529	505	19	16.8	20.2	17.6
5DWm4/7-1.5	5DW4/7-1.5		Φ128	1 1/4"	589	553	22.6	18.9	23.9	19.8
5DWm4/8-1.5	5DW4/8-1.5		Φ128	1 1/4"	613	577	23.1	19.4	24.5	20.2
5DWm8/3-1.1	5DW8/3-1.1		Φ128	1 1/4"	475	451	18.5	15.8	19.6	16.5
5DWm8/4-1.5	5DW8/4-1.5		Φ128	1 1/4"	541	505	21.5	16.6	22.7	17.4

### Stainless steel impeller+External capacitors

Model			ΦD (mm)	DN	Dimension(mm)		Weight(kg)			
1~ 230V	3~ 230V 400V				H(s)	H(τ)	N.W(s)	N.W(τ)	C.W(s)	C.W(τ)
5DWm2/3-0.55	5DW2/3-0.55		Φ128	1 1/4"	433	409	13.9	12.6	14.5	13.2
5DWm2/4-0.55	5DW2/4-0.55		Φ128	1 1/4"	457	433	14.4	13	15.1	13.7
5DWm2/5-0.75	5DW2/5-0.75		Φ128	1 1/4"	505	457	16.3	14.9	17	15.6
5DWm2/6-0.9	5DW2/6-0.9		Φ128	1 1/4"	541	493	17.9	16.2	18.7	17
5DWm2/7-0.9	5DW2/7-0.9		Φ128	1 1/4"	565	517	18.4	16.7	19.3	17.6
5DWm2/8-1.1	5DW2/8-1.1		Φ128	1 1/4"	601	553	19.7	18	20.6	18.9
5DWm4/4-0.9	5DW4/4-0.9		Φ128	1 1/4"	493	445	16.8	15.2	17.5	15.9
5DWm4/5-1.1	5DW4/5-1.1		Φ128	1 1/4"	529	481	18.2	16.5	18.9	17.2
5DWm4/6-1.1	5DW4/6-1.1		Φ128	1 1/4"	553	505	18.7	17	19.5	17.8
5DWm4/7-1.5	5DW4/7-1.5		Φ128	1 1/4"	613	553	21.6	19.1	22.5	21
5DWm4/8-1.5	5DW4/8-1.5		Φ128	1 1/4"	637	577	22.1	19.6	22.9	20.4
5DWm8/3-1.1	5DW8/3-1.1		Φ128	1 1/4"	499	451	17.7	16	18.5	16.7
5DWm8/4-1.5	5DW8/4-1.5		Φ128	1 1/4"	565	505	19.3	16.8	20.1	17.6

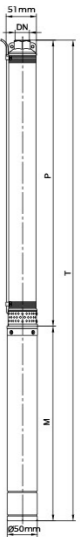
### Stainless steel impeller + Built-in capacitors



## 2XR 1

Model	DN		Dimension(mm)			Weight(kg)		
	Standard	Optional	P	M(s)	T(s)	P	M(s)	T(s)
2XRm1/26-0.18	1/2"	3/4"	746	361	1107	2.2	3.8	6.0
2XRm1/32-0.25	1/2"	3/4"	903	401	1304	2.4	4.0	6.4
2XRm1/38-0.37	1/2"	3/4"	1039	426	1465	2.5	4.3	6.8

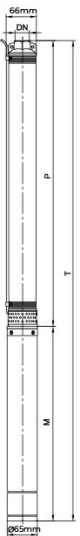
\* S = Single phase



## 2.5XR 2

Model	DN	Dimension(mm)			Weight(kg)		
		P	M(s)	T(s)	P	M(s)	T(s)
2.5XRm2/10-0.18	1"	437	279	716	1.3	6.9	8.2
2.5XRm2/14-0.25	1"	565	304	869	1.8	7.6	9.4
2.5XRm2/20-0.37	1"	725	339	1064	2.5	8.2	10.7
2.5XRm2/26-0.55	1"	885	389	1274	3.3	8.9	12.2
2.5XRm2/32-0.75	1"	1066	438	1504	4.1	9.6	13.7

\* S = Single phase



## 3XR 2

Model		DN		Dimension(mm)					Weight(kg)				
1~ 220 - 240V	3~ 380 - 415V	Standard	Optional	P	M(s)	M(τ)	T(s)	T(τ)	P	M(s)	M(τ)	T(s)	T(τ)
3XRm2/8-0.18	-	1"	1 1/4"/1 1/2"	378	280	-	658	-	1.7	4.0	-	5.7	-
3XRm2/11-0.25	-	1"	1 1/4"/1 1/2"	447	300	-	747	-	2.0	4.5	-	6.5	-
3XRm2/15-0.37	-	1"	1 1/4"/1 1/2"	539	330	-	869	-	2.3	5.4	-	7.7	-
3XRm2/21-0.55	3XR2/21-0.55	1"	1 1/4"/1 1/2"	701	370	383	1071	1084	3.3	6.6	5.6	9.9	8.9
3XRm2/27-0.75	3XR2/27-0.75	1"	1 1/4"/1 1/2"	839	410	423	1249	1262	3.8	7.6	6.8	11.4	10.6
3XRm2/39-1.1	3XR2/39-1.1	1"	1 1/4"/1 1/2"	1116	508	503	1624	1619	5.3	10.0	8.9	15.3	13.9
3XRm2/46-1.5	3XR2/46-1.5	1"	1 1/4"/1 1/2"	1324	535	538	1859	1862	6.1	11.3	9.8	17.4	15.9

\* S = Single phase \* T = Three phase

