



Single phase

Application

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

Operating conditions

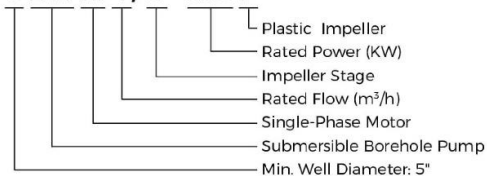
- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.15%
- Minimum well diameter: 5"

Motor and Pump

- Rewindable motor
- **Single-phase:** 220 - 240V/50Hz
- **Three-phase:** 380 - 415V/50Hz
- Cable length: 10 m
- Insulation class: F
- Protection class: IP68
- Equip with start control box and float switch (As standard)
- Curve tolerance according to ISO 9906
- Standard: Built-in capacitors
- Optional: External capacitors

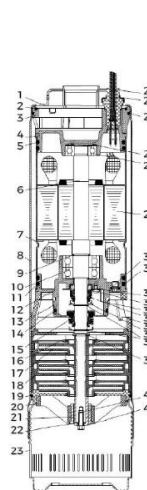
Identification Codes

5 DW m 4 / 3 - 0.55 P

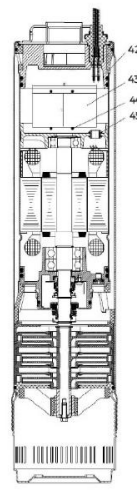


No.	Components	Material
1	Delivery casing	AISI304
2	O-ring	NBR
3	Upper bearing bracket	PPO
4	Iron bearing seat	HT250
5	O-ring	NBR
6	Rotor	
7	Motor external casing	AISI201
8	Pump external casing	AISI304
9	Shaft retaining ring	65Mn
10	Bearing 6204	
11	O-ring	NBR
12	Iron lower bearing seat	HT250
13	Oil cylinder cover	AISI304
14	O-ring	NBR
15	Mechanical seal	Graphite/Ceramics
16	volute	PPO
17	Impeller	PPO
18	volute	PPO
19	O-ring	NBR
20	Support seat assembly	
21	Rubber bearing	
22	Shaft sleeve	AISI304
23	Bottom support	AISI304

No.	Components	Material
24	Cable	
25	Cable clamp	AISI201
26	O-ring	NBR
27	Corrugated washer	65Mn
28	Bearing 6203	
29	coil	
30	Oil screw	AISI304
31	O-ring	NBR
32	Static ring clamp	AISI430
33	Screws	
34	Cylinder baffle	AISI430
35	Mechanical seal	Graphite/Ceramics
36	Lower bearing bracket	PPO
37	Gasket	AISI304
38	Shaft retaining ring	65Mn
39	Gasket	AISI304
40	Outer hexagon bolt	AISI304
41	Flat pad + Spring pad	AISI304
42	Barrel top cover	HT250
43	Capacitor	
44	O-ring	NBR
45	Outlet sheath	Rubber



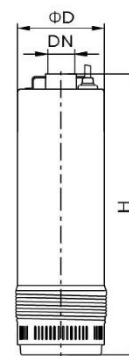
External capacitor



Built-in capacitor

Dimension

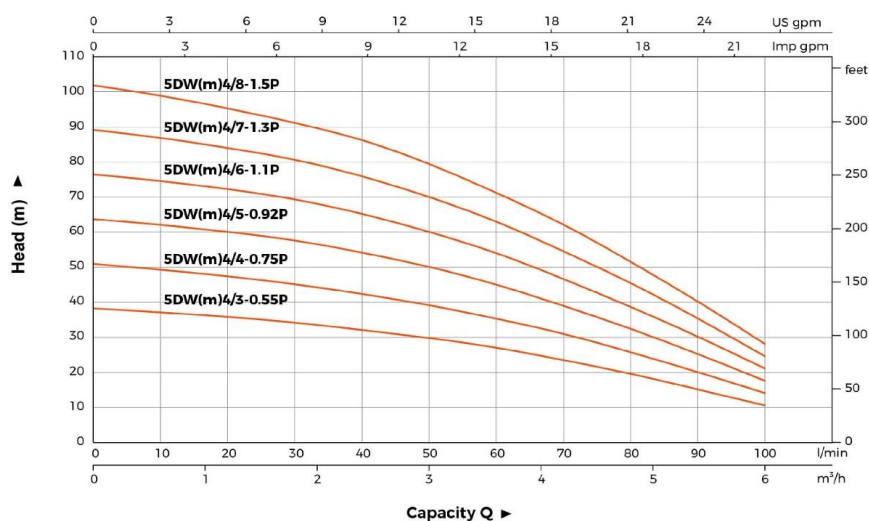
Model		ΦD (mm)	DN	Dimension(mm)		Weight(kg)	
1~ 220 - 240V	3~ 380 - 415V			H(s)	H(r)	G.W(s)	G.W(r)
5DWm4/3-0.55P	5DW4/3-0.55P	Φ130	1 1/4"	499	499	13.1	12.5
5DWm4/4-0.75P	5DW4/4-0.75P	Φ130	1 1/4"	538	538	15	14.6
5DWm4/5-0.92P	5DW4/5-0.92P	Φ130	1 1/4"	577	577	17.5	17
5DWm4/6-1.1P	5DW4/6-1.1P	Φ130	1 1/4"	616	616	19.5	19
5DWm4/7-1.3P	5DW4/7-1.3P	Φ130	1 1/4"	655	655	21.8	21.5
5DWm4/8-1.5P	5DW4/8-1.5P	Φ130	1 1/4"	694	694	24	23.5



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	
				Q(l/min)	0	10	20	30	40	50	60	70	80	90	100	
5DWm4/3-0.55P	5DW4/3-0.55P	0.55	0.75	H (m)	38	37	36	35	33	30	27	23	19	15	11	
5DWm4/4-0.75P	5DW4/4-0.75P	0.75	1		51	50	49	47	44	41	36	31	25	20	14	
5DWm4/5-0.92P	5DW4/5-0.92P	0.92	1.25		64	62	61	59	55	51	45	39	31	25	18	
5DWm4/6-1.1P	5DW4/6-1.1P	1.1	1.5		77	74	73	71	66	61	54	46	37	30	21	
5DWm4/7-1.3P	5DW4/7-1.3P	1.3	1.75		89	87	85	82	77	71	63	54	44	35	25	
5DWm4/8-1.5P	5DW4/8-1.5P	1.5	2		102	99	97	94	88	81	72	62	50	40	28	

Hydraulic Performance Curves



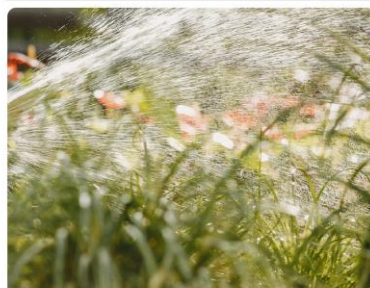
APPLICATIONS



WATER SUPPLY FROM WELLS



COMMUNITY WATER SUPPLY



GARDEN USE



IRRIGATION