

4DW

Submersible Borehole Pumps

4DWG

Application

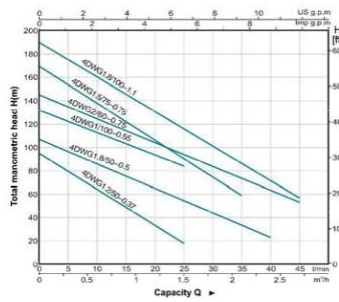
- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

Operating conditions

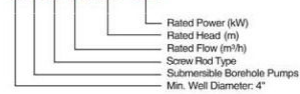
- Maximum sand content: 3%
- Maximum immersion: 15 m
- Minimum well diameter: 4"

Motor and Pump

- Rewindable motor
- **Three-phase:** 380V-415V/50Hz
- **Single-phase:** 220V-240V/50Hz
- Equip with start control box or digital auto-control box



4DWG1.2/50-0.37



Components	Material
Delivery casing	AISI 304 SS
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	Cast iron Q235 UNB007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TiC)
Shaft	AISI 304SS-C1045
Bearing	NSK



MA



Technical Data

Model	P ₂		Capacity (m³/h)	Head (m)	Outlet (inch)	Speed (1/min)	Dimension (mm)	
	KW	HP					∅D	L
4DWGm1.2/50-0.37	0.37	0.5	1.2	50	1"	2850	96	540
4DWGm1.8/50-0.5	0.5	0.7	1.8	50	1"	2850	96	560
4DWGm1.5/60-0.55	0.55	0.75	1.5	60	1"	2850	96	580
4DWGm1/100-0.55	0.55	0.75	1	100	1"	2850	96	580
4DWGm1.2/100-0.75	0.75	1	1.2	100	1"	2850	96	620
4DWGm1.5/75-0.75	0.75	1	1.5	75	1"	2850	96	600
4DWGm2/60-0.75	0.75	1	2	60	1"	2850	96	600
4DWGm1.2/150-1.1	1.1	1.5	1.2	150	1"	2850	96	680
4DWGm1.5/120-1.1	1.1	1.5	1.5	120	1"	2850	96	680
4DWGm1.8/100-1.1	1.1	1.5	1.8	100	1"	2850	96	680



4DWP

Application

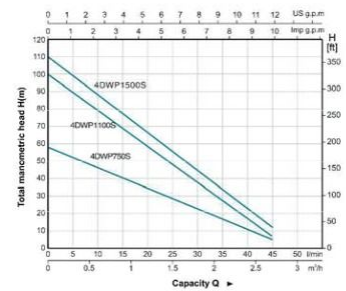
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Operating conditions

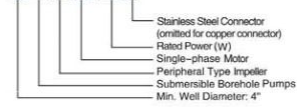
- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.15%
- Maximum immersion: 50 m
- Minimum well diameter: 4"

Motor and Pump

- Rewindable motor
- **Three-phase:** 380V-415V/50Hz
- **Single-phase:** 220V-240V/50Hz
- Equip with start control box or digital auto-control box
- Curve tolerance according to ISO 2548



4DWP(m)750S



Components	Material
Delivery casing	AISI 304 SS
Strainer basket	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	Cast-Cu ASTM690
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top check	1: Cast-Cu ASTM690 2: Cast iron Q235 UNB007
Bottom support	AISI 304 SS
Mechanical seal	Carbon/ceramic
Shaft	AISI 304SS-C1045
Bearing	NSK
Seal Lubricant oil	Oil for food machinery and pharmaceutical use



MD



Technical Data

Model	P ₂		Q	Delivery										
	KW	HP		m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
1 - 220V/240V			l/min	0	5	10	15	20	25	30	35	40	45	
4DWPm750S	0.75	1		58	52	46	40	34	28	22	16	10	5	
4DWPm1100S	1.1	1.5	H(m)	100	89	79	69	59	48	38	28	17	7	
4DWPm1500S	1.5	2		110	99	88	78	67	56	45	34	23	12	