

4DW

Submersible Borehole Pumps

4DW

Application

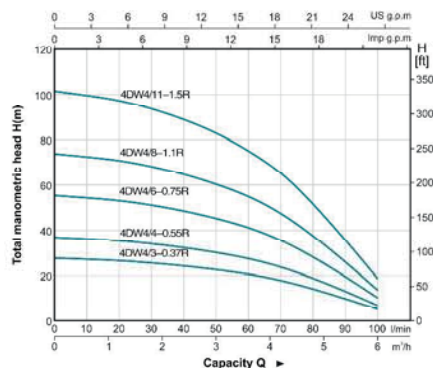
- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

Operating conditions

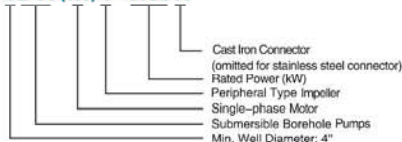
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.15%
- Maximum immersion: 50 m
- Minimum well diameter: 4"

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
- Pumps are designed by casing stressed
- Curve tolerance according to ISO 2548



4DW(m)4-0.37R



Components	Material
Delivery casing	Cast iron Q20 UN5007
Suction lantern	Cast iron Q20 UN5007
Diffuser	PC
Impeller	POM
Motor external casing	AISI 304 SS
Top check	Cast iron Q20 UN5007
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.



Technical Data

Model		P ₂		Delivery											
1 – 220V/240V	KW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6
					0	10	20	30	40	50	60	70	80	90	100
4DWm4-0.37R	0.37	0.5	H(m)		28	27	26	25	24	22	20	18	14	10	5
4DWm4-0.55R	0.55	0.75			37	36	35	34	32	29	27	24	19	13	7
4DWm4-0.75R	0.75	1			55	55	52	51	47	44	41	35	28	20	10
4DWm4-1.1R	1.1	1.5			73	73	70	68	63	59	55	47	38	26	14
4DWm4-1.5R	1.5	2			101	100	96	93	87	81	75	65	52	36	19

4DW2

Application

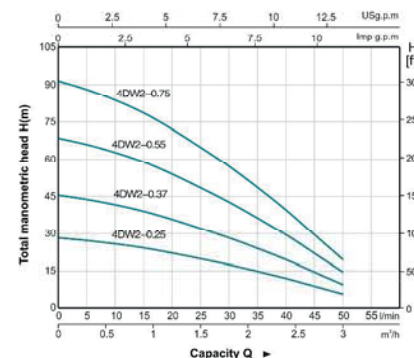
- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

Operating conditions

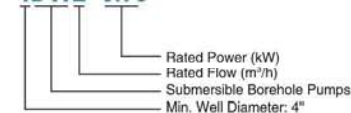
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.15%
- Maximum immersion: 50 m
- Minimum well diameter: 4"

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
- Pumps are designed by casing stressed
- Curve tolerance according to ISO 2548



4DW2-0.75



Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	PC
Impeller	PPO
Strainer	AISI 304 SS
Motor external casing	Cast iron Q20 UN5007
Top check	Cast-aluminum
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.



Technical Data

Model	P ₂		Delivery												
1 ~ 220V/240V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
				l/min	0	5	10	15	20	25	30	35	40	45	50
4DWm2-0.25	0.25	0.33	H(m)		29	28	26	25	23	20	18	15	13	9	6
4DWm2-0.37	0.37	0.55			46	45	42	40	37	33	29	25	20	15	10
4DWm2-0.55	0.55	0.75			69	67	63	59	55	49	44	37	30	23	15
4DWm2-0.75	0.75	1			92	89	84	79	73	65	58	49	40	30	20