

## 4DW

### Submersible Borehole Pumps

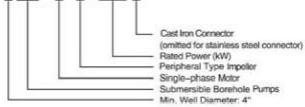
## 4DW

- 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

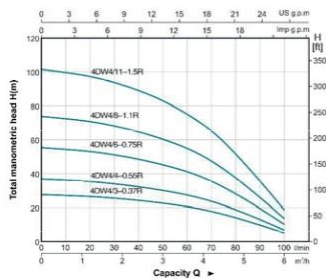
### 4DW(m)4-0.37R



Components	Material
Delivery casing	Cast iron ISO UN3007
Suction lantern	Cast iron ISO UN3007
Diffuser	PC
Impeller	PPM
Motor external casing	ABS 304 SS
Top shock	Cast iron ISO UN3007
Bottom support	ABS 304 SS
Mechanical seal	Carbon/boremic
Shaft	ABS 304SS-C1045
Bearing	NSK
Tool lubricant oil	Oil for food machinery and pharmaceutical use

### Technical Data

Model	P <sub>2</sub>		Q m <sup>3</sup> /h l/min	Delivery											
	KW	HP		H(m)											
4DWm4-0.37R	0.37	0.5	H(m)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6	
				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	
				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	
				101	100	96	93	87	81	75	65	52	36	19	
4DWm4-1.5R	1.5	2													



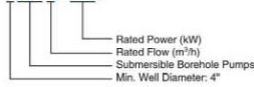
## 4DW2

- 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	ABS 304 SS
Suction lantern	ABS 304 SS
Diffuser	PC
Impeller	PPM
Stator	ABS 304 SS
Motor external casing	Cast iron ISO UN3007
Top shock	Cast-aluminum
Bottom support	ABS 304 SS
Mechanical seal	Carbon/boremic
Shaft	ABS 304SS-C1045
Bearing	NSK
Tool lubricant oil	Oil for food machinery and pharmaceutical use

### Technical Data

Model	P <sub>2</sub>		Q m <sup>3</sup> /h l/min	Delivery											
	KW	HP		H(m)											
4DWm2-0.25	0.25	0.33	H(m)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	
				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	
				69	67	63	59	55	49	44	37	30	23	15	
4DWm2-0.55	0.55	0.75		92	89	84	79	73	65	58	49	40	30	20	

