

### po-dh1...4

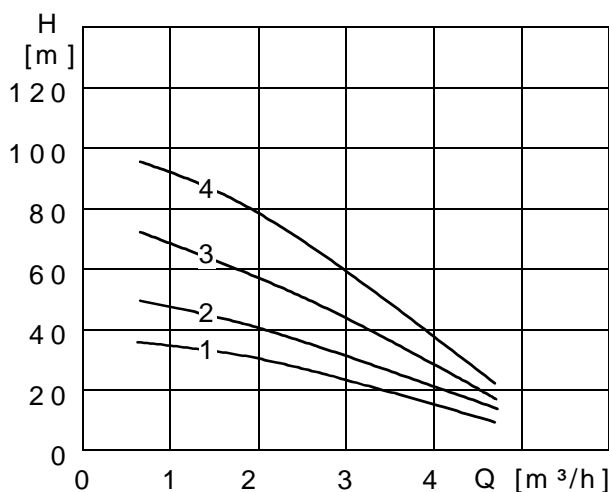
#### Fields of application:

The submersible motor pump **po-dh1...4** is a multistage centrifugal pump for delivery of clean or minimally dirty water.

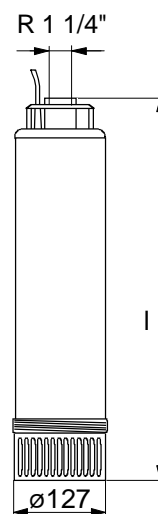
#### Technical data:

Delivery rate range	4.8 - 0.6 m <sup>3</sup> /h
Delivery head range	9 - 96 m
Medium temperature	max. 40 °C
Immersion depth	max. 10 m
Density	1100 kg/m <sup>3</sup>
pH-value	4-8
Current type	Single-phase AC with capacitor three-phase AC
Nominal voltage	230 V 1~ / 400 V 3~, 50 Hz
Nominal speed	2800 1/min
Degree of protection	DIN IP68
Thread connection	R 1 1/4" internal thread

#### Characteristic curve:



#### Main dimensions:



#### Material specification:

Casing	Stainless steel	1.4301
Impeller	Noryl	GFN2
Diffuser	Noryl	GFN2
Shaft	Stainless steel	1.4301
Inlet strainer	Stainless steel	1.4301
Shaft sealing	Dual mechanical seal	

#### Electrical connection and accessories:

- 10 m rubber-jacket cable with connector plug
- on request flow switch
- on request hose connection, coupling D or coupling C

special design on request

Type	Power P [kW]	Amp 230 V 1~ [A]	Capacitor [µF]	Amp 400 V 3~ [A]	Delivery rate Q								Length l [mm]	Weight m [kg]
					Delivery head H [m]									
					[m³/h]	0.6	1.2	1.8	2.4	3	3.6	4.8		
<b>po-dh1</b>	0.55	4.6	16		35	33	30	26	22	18	9	420	10	
<b>po-dh1</b>	0.55			1.7	35	33	30	26	22	18	9	420	10	
<b>po-dh2</b>	0.75	5.9	20		50	45	41	35	30	25	11	477	11.5	
<b>po-dh2</b>	0.75			2.4	50	45	41	35	30	25	11	477	11.5	
<b>po-dh3</b>	1.10	7.8	30		72	67	60	52	45	35	16	544	13	
<b>po-dh3</b>	1.10			3.3	72	67	60	52	45	35	16	544	13	
<b>po-dh4</b>	1.50	10.7	36		96	90	85	70	60	47	21	640	16.1	
<b>po-dh4</b>	1.50			4.9	96	90	85	70	60	47	21	640	16.1	

Subject to alterations

### po-dh5...7

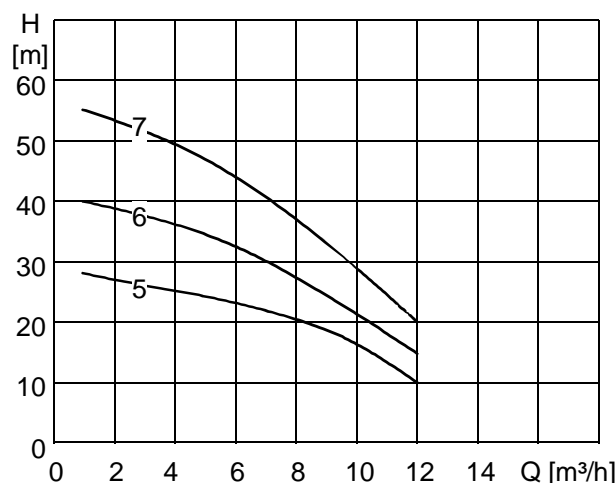
#### Fields of application:

The submersible motor pump **po-dh5...7** is a multistage centrifugal pump for delivering clean or minimally dirty water.

#### Technical data:

Delivery rate range	12 - 1.5 m <sup>3</sup> /h
Delivery head range	10 - 55 m
Medium temperature	max. 40 °C
Immersion depth	max. 10 m
Density	1100 kg/m <sup>3</sup>
pH-value	4-8
Current type	Single-phase AC with capacitor three-phase AC
Nominal voltage	230 V 1~ / 400 V 3~, 50 Hz
Nominal speed	2800 1/min
Degree of protection	DIN IP68
Thread connection	R 1 1/4 " internal thread

#### Characteristic curve:



#### Main dimensions:



#### Material specification:

Casing	Stainless steel	1.4301
Impeller	Noryl	GFN2
Diffuser	Noryl	GFN2
Shaft	Stainless steel	1.4301
Inlet strainer	Stainless steel	1.4301
Shaft sealing	Dual mechanical seal	

#### Electrical connection and accessories:

- 10 m rubber-jacket cable with connector plug
- on request flow switch
- on request hose connection, coupling D or coupling C

special design on request

Type	Power P [kW]	Amp 230 V 1~ [A]	Capacitor [μF]	Amp 400 V 3~ [A]	Delivery rate Q								Length l [mm]	Weight m [kg]
					[m <sup>3</sup> /h]	1.5	3	4.5	6	7.5	9	12		
					[l/s]	0.42	0.8	1.3	1.7	2.1	2.5	3.3		
<b>po-dh5</b>	0.75	6.2	20		Delivery head H [m]	28	26	24	22	20	16	10	520	12.1
<b>po-dh5</b>	0.75			2.5		28	26	24	22	20	16	10	520	12.1
<b>po-dh6</b>	1.1	8.1	30			40	38	35	32	28	24	15	580	13.5
<b>po-dh6</b>	1.1			3.5		40	38	35	32	28	24	15	580	13.5
<b>po-dh7</b>	1.5	10.8	35			55	51	48	44	39	34	20	640	16
<b>po-dh7</b>	1.5			4.9		55	51	48	44	39	34	20	640	16

Subject to alterations