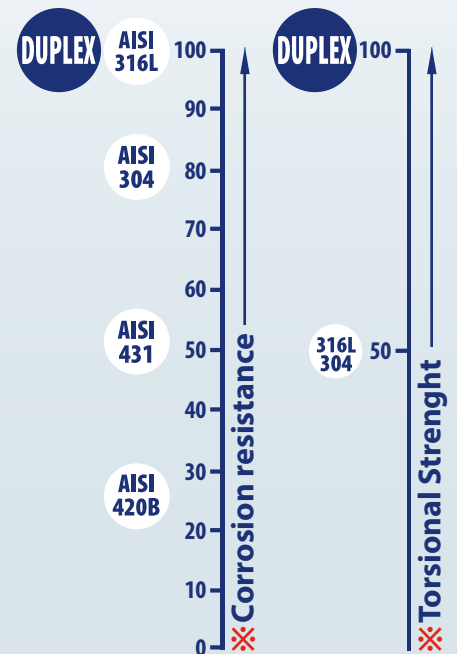


- ※ High-quality submersible motors made of premium **AISI 316 and DUPLEX** materials for a long service life



- ※ **DUPLEX stainless steel shaft**
- ※ **AISI 316 casing**

- ※ **DUPLEX steel is recognized for its outstanding mechanical strength, which is twice that of AISI 304/316L steel.**

ELECTRIC MOTOR

6" submersible oil-filled motors are crafted from top-tier materials and designed with industry expertise.

They ensure exceptional performance, superior quality, and maintenance-free longevity.

TECHNICAL DATA

- 2 poles, 50 Hz ($n \approx 2900 \text{ min}^{-1}$)
- Three-phase voltage 400 V
- Power from **4 to 37 kW**
- Continuous running duty **S1**
- Class F insulation and IP 68 protection

AVAILABLE UPON REQUEST

- ※ Different voltage requirements 60 Hz frequency
- ※ Motors with double power cable for star/delta starting (**Y/Δ**)

MATERIALS AND COMPONENTS

- ※ **Rewindable** oil filled submersible motors (non-toxic food-safe oil).
- ※ **Sleeve: AISI 316 stainless steel**
- ※ **Shaft: 'DUPLEX' stainless steel**
- ※ Coupling dimensions in compliance with NEMA standards.
- ※ Power cable included:
 - **3 m** for power up to 15 kW
 - **4 m** for powers from 18.5 to 37 kW.

APPLICATION LIMITS

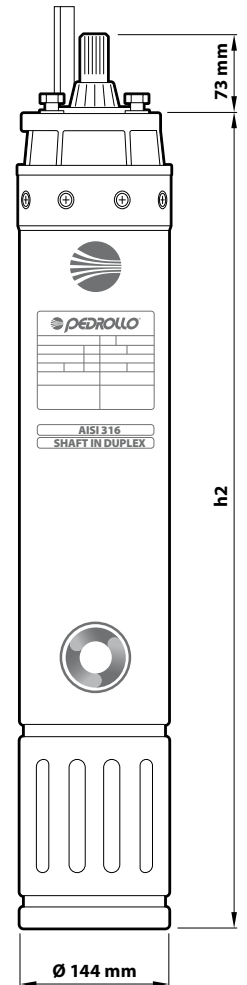
- Liquid temperature up to **+35 °C**
- Depth of use up to **200 m** below water level
- Starts per hour: **30** at regular intervals
- Minimum cooling flow **8 cm/s**

PERFORMANCE DATA

50 Hz

※ Three-phase versions - 400 V / 50 Hz

TYPE	Rated power		Axial load	Revolutions	Starting current	Yield	Power factor	Rated torque	Starting torque	h2	Weight
	P ₂										
Three-phase	kW	HP	N	min ⁻¹	Current nominal	η	Cos φ	Nm	Torque rated	mm	kg
6PD / 5.5	4	5.5	10000	2840	5.1	74%	0.86	13.5	1.65	595	33.4
6PD / 7.5	5.5	7.5		2840	5.1	74%	0.84	18.5	1.60	625	34.4
6PD / 10	7.5	10		2850	4.7	78%	0.83	25.1	1.55	660	38.1
6PD / 12.5	9.2	12.5		2880	4.5	81%	0.77	30.5	1.60	700	42.6
6PD / 15	11	15		2850	5.2	85%	0.82	36.9	2.20	765	48.3
6PD / 20	15	20		2840	5.0	82%	0.86	50.5	2.60	820	58.0
6PD / 25	18.5	25	20000	2850	5.9	84%	0.84	62.0	2.30	883	62.8
6PD / 30	22	30		2850	5.5	84%	0.83	73.8	2.45	953	79.4
6PD / 40	30	40		2860	5.5	85%	0.83	100.2	1.90	1098	91.0
6PD / 50	37	50		2840	5.1	84%	0.83	124.5	2.10	1233	92.0



ABSORPTION

TYPE	VOLTAGE
Three-phase	400 V
6PD / 5.5	9.3 A
6PD / 7.5	12.9 A
6PD / 10	17.1 A
6PD / 12.5	21.8 A
6PD / 15	23.8 A
6PD / 20	31.6 A
6PD / 25	38.5 A
6PD / 30	46.5 A
6PD / 40	63.0 A
6PD / 50	78.0 A