

**PSH Commercial pool pump  
cast iron DN80 x 3" flange x  
female thread 9,9A  
230/400VAC black type  
FDN3000-16 (7029852)**



 P S H

# TECHNICAL SPECIFICATIONS

|                     |                        |
|---------------------|------------------------|
| Colour              | black                  |
| Shaft               | stainless steel 316L   |
| Pump body           | cast iron              |
| Material impeller 1 | bronze/aluminium       |
| Material cover      | cast iron              |
| Material seal       | carbon/ceramic         |
| Connection          | flange x female thread |
| Voltage             | 230/400VAC             |
| Width               | 210 mm                 |
| Height              | 319 mm                 |
| Frequency           | 50 Hz                  |
| IP value            | IP55                   |
| Motor RPM           | 2900                   |
| Type                | FDN3000-16             |
| Capacity            | 53 m <sup>3</sup> /h   |
| Output Power        | 4 HP                   |
| Size                | DN80 x 3"              |

Length 833 mm

Weight 60 kg

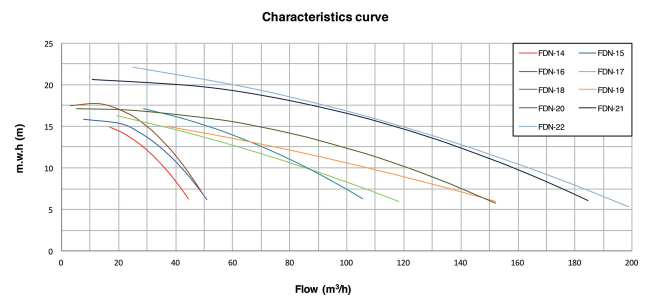
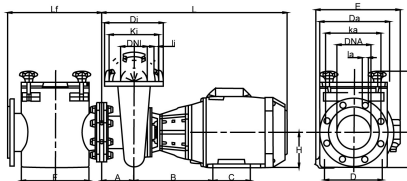
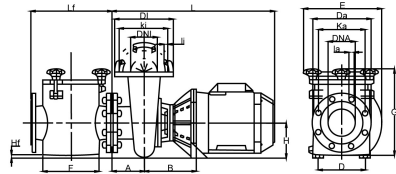
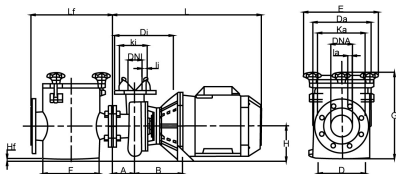
Power 3 kW

Ampere 9,9 A

## DIMENSIONS

A 82 mm

B 182 mm



| PART NO. | Da  | Ka  | la | Di  | Ki  | li | A   | B   | C   | D   | E   | F   | G   | H   | Hf | L   | Lf  |
|----------|-----|-----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|
| 7029850  | 200 | 160 | 19 | 152 | 125 | 14 | 82  | 172 | -   | 140 | 271 | 210 | 319 | 132 | 12 | 491 | 300 |
| 7029851  | 200 | 160 | 19 | 152 | 125 | 14 | 82  | 172 | -   | 140 | 271 | 210 | 319 | 132 | 12 | 491 | 300 |
| 7029852  | 200 | 160 | 19 | 152 | 125 | 14 | 82  | 182 | -   | 190 | 271 | 210 | 319 | 132 | -  | 533 | 300 |
| 7029853  | 220 | 180 | 19 | 220 | 180 | 19 | 120 | 196 | -   | 190 | 285 | 210 | 320 | 132 | -  | 584 | 300 |
| 7029854  | 220 | 180 | 19 | 220 | 180 | 19 | 120 | 196 | -   | 190 | 285 | 210 | 320 | 132 | -  | 606 | 300 |
| 7029855  | 220 | 180 | 19 | 220 | 180 | 19 | 120 | 196 | -   | 190 | 285 | 210 | 320 | 132 | -  | 606 | 347 |
| 7029856  | 250 | 210 | 19 | 220 | 180 | 19 | 120 | 196 | -   | 190 | 275 | 250 | 347 | 132 | -  | 606 | 347 |
| 7029857  | 250 | 210 | 19 | 220 | 180 | 19 | 120 | 196 | -   | 190 | 275 | 250 | 347 | 132 | -  | 606 | 347 |
| 7029858  | 250 | 210 | 19 | 220 | 180 | 19 | 120 | 292 | 140 | 216 | 312 | 250 | 360 | 132 | -  | 724 | 347 |
| 7029859  | 250 | 210 | 19 | 220 | 180 | 19 | 120 | 292 | 140 | 216 | 312 | 250 | 360 | 132 | -  | 724 | 347 |
| 7029860  | 250 | 210 | 19 | 220 | 180 | 19 | 120 | 292 | 140 | 216 | 312 | 250 | 360 | 132 | -  | 724 | 347 |
| 7029861  | 250 | 210 | 19 | 220 | 180 | 19 | 120 | 292 | 140 | 216 | 312 | 250 | 360 | 132 | -  | 724 | 347 |

# PRODUCT INFORMATION

FDN-3000 is a pool pump designed to offer the highest performance in filtration and purification of water for commercial pools. All parts in contact with water are treated using a long lasting cataphoresis process. This treatment prevents the formation of troublesome oxides on cast iron pumps significantly prolonging the life of cast iron and is one of the best anti-corrosion and antioxidant treatments existing in today's market.

Features:

- High efficiency motor class IE3 according to regulation (EU)2019/1781
- Special long life treatment to prevent corrosion
- Standard motor which makes it compatible with any manufacturer's engine worldwide
- Robust and durable
- High quality mechanical seal and bearings
- Independent pre-filter allowing use of the pump without pre-filter or assembly to other types of pre-filters
- Pre-filter with large volume and stainless steel basket with easy access for cleaning

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