

**PSH Commercial pool pump  
cast iron DN100 flange 7,4A  
400/690VAC black type  
FDN3000-18 (7029855)**



 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                |
| Frequency           | 50 Hz                 |
| IP value            | IP55                  |
| Motor RPM           | 2900                  |
| Type                | FDN3000-18            |
| Capacity            | 106 m <sup>3</sup> /h |
| Output Power        | 5,5 HP                |
| MWC                 | 16 m                  |
| Size                | DN100                 |
| Length              | 906 mm                |
| Voltage             | 400/690VAC            |

Width 288 mm

Weight 77 kg

Power 4 kW

Height 320 mm

Ampere 7,4 A



| PART NO. | Da  | Ka  | Ia | 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 | 288 | 210 | 320 | 132 | -  | 584 | 300 |
| 7029854  | 220 | 180 | 19 | 220 | 180 | 19 | 120 | 196 | -   | 190 | 288 | 210 | 320 | 132 | -  | 606 | 300 |
| 7029855  | 220 | 180 | 19 | 220 | 180 | 19 | 120 | 196 | -   | 190 | 288 | 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 EC n°640/2009
- 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 prefilter 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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Bosta UK Ltd.  
Reflection House  
Olding Road  
Bury St. Edmunds  
Suffolk  
IP33 3TA  
T +44 (0) 1284 716580  
E [enquiries@bosta.co.uk](mailto:enquiries@bosta.co.uk)  
<http://www.bosta.com>