# PSH Commercial pool pump cast iron DN125 x DN100 flange 13,5A 400/690VAC black type FDN3000-21 (7029860)



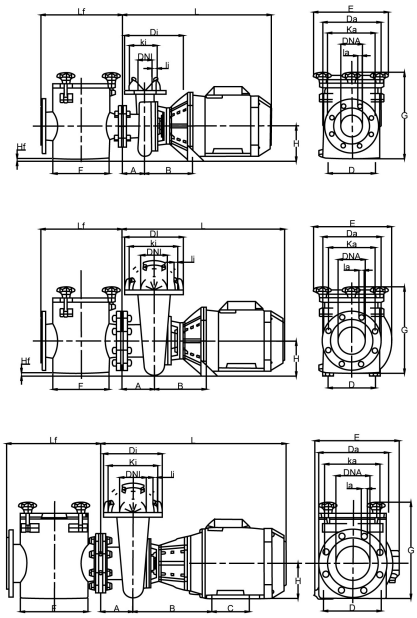
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# TECHNICAL SPECIFICATIONS

| | |
|---|---|
| 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 | FDN3000-21 |
| Capacity | 185 $m^3/h$ |
| Output Power | 10 HP |
| Max. head | 20 m |
| Size | DN125 x DN100 |
| Length | 1071 mm |
| Voltage | 400/690VAC |

| | |
|---|---|
| Width | 312 mm |
| Weight | 104 kg |
| Power | 7.5 kW |
| Height | 360 mm |
| Ampere | 13,5 A |










| 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 | 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 todays market.

Features:

- High efficiency motor class IE3 according to regulation EC nº640/2009
- 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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