

**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

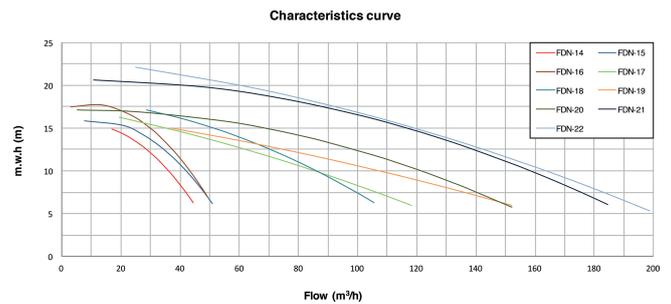
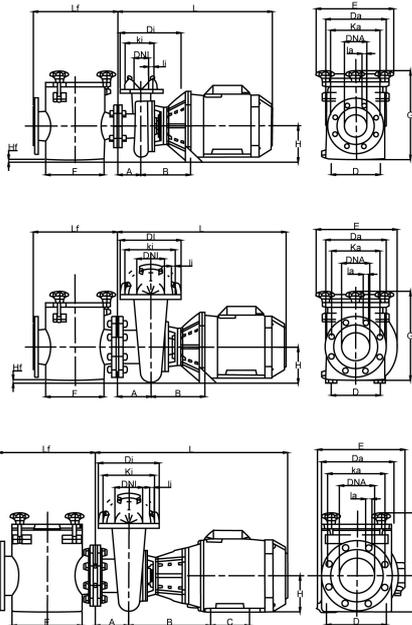
Power 3 kW

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	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 (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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