



Fluid Pumps Peripheral Series FDP

POWER	FLOW	HEAD
from 0.37 to 0.75	from 40 to 46	from 38 to 65
kw	l/m	m/h

Applications and Installation

These pumps with peripheral impeller are able to offer high pressure in relation to comparatively low powers and which have particularly steady operating curves.

For the correct functioning of the pump, pump clean water, or non-aggressive liquids only, without sand or other solid impurities.

They are qualified in domestic fitting, to increase the system pressure in aqueducts and for automatic water distribution by autocalve tanks and by hydrosphere units.

Pumps should be installed in a covered area, protected against the weather.

Construction Features

Pump body: cast iron

Motor housing: Aluminum

Shaft: 45#steel/stainless steel

Impeller: brass

Motor: closed, externally ventilated

Insulation: B/F

Protection class: IP44/54

Duty: continuous rated

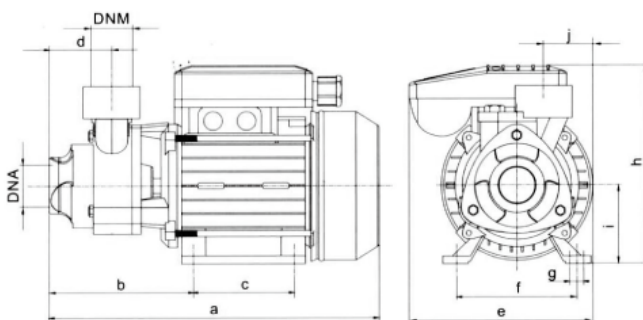
Mechanical seal: ceramic steatite/metallized carbon

Operating Limitations

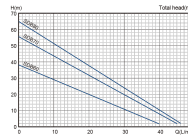
Max.ambient temperature up to 40°C

Max.fluid temperature up to 80°C

Max pressure up to 10bar



PERFORMANCE



DATA SHEET

Model	HP	kW	Connection	Outlet Line	Outlet Line	Flow Rate	Q _{max}	Q _{10m}	Q _{15m}	Q _{20m}	Q _{25m}	Q _{30m}	Q _{35m}	Q _{40m}	Q _{45m}	Q _{50m}	Q _{55m}	Q _{60m}	Q _{65m}	Height Tg	
03030	0.5	0.37	1 1/2"	9	40	38	38	32	28	25	22	19	17	15	13	12	11	10	9	8	5.8
03070	0.75	0.55	1 1/2"	9	40	38	38	32	28	25	22	19	17	15	13	12	11	10	9	8	6.2
03090	1	0.75	1 1/2"	9	40	38	38	32	28	25	22	19	17	15	13	12	11	10	9	8	7.5

Model	Overall and mounting dimension													
	DNM	DNB	a	b	c	d	e	f	g	h	i	j	k	l
03030	1 1/2"	1 1/2"	103	80	85	148	100	11	105	71	40	280	185	186
03070	1 1/2"	1 1/2"	103	80	85	148	100	11	105	71	40	280	185	220
03090	1 1/2"	1 1/2"	103	80	85	148	100	11	105	71	40	280	185	220

CATALOGUE

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