

**SOUTHERN PUMPS LTD**

*Dublin Hill Cork*

**New!**

# PDS 05

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## Booster Pump



**CE**

# PDS 05

## Booster Pump



### FEATURED HIGHLIGHTS

- Pump connection - Pressdrive from the factory
- Starting pressure from 1.5 to 2.5 bar
- Internal membrane in EPDM
- High efficiency asynchronous motor
- Maximum stop pressure delivered by the pump
- Automatic reset function
- Built-in check valve
- Self Priming
- IP X5 protection grade
- Built-in dry running protection device
- Maximum liquid temperature: 60°C
- Maximum suction: 2 m
- Supplied with a 3 piece fitting included in the body

### APPLICATIONS (Small - Medium)

- Water Supply
- Domestic
- Residential
- Agriculture
- Gardening
- Irrigation

"PDS 05" is a plug and play water pressure equipment for water supply solution for domestic, industrial, agricultural and gardening use. The pump is equipped with an integrated check valve and a built-in pressure vessel. Booster set consisting of prisma pump 15 + pressdrive. The Pressure switch controls the start and stop of the pump and allows to keep a constant pressure. Completely silent and self-priming up to 2 m.

#### Motor

- Asynchronous 2-pole.
- IPX5 protection.
- Class F insulation.
- Built-in thermal protection.
- Continuous operation.

#### Limitations

- Maximum water temperature 40°C

#### Operation

- Automatic start and stop based on water demand

#### Materials

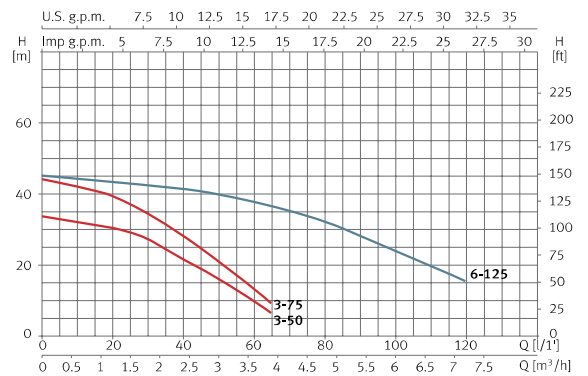
##### Prisma:

- Pump body and impellers in AISI 304.
- Pump shaft in AISI 431.
- Diffusers in technopolymer.
- Suction and Discharge in cast iron With cataphoresis coating.
- Mechanical seal.
- Motor casing in aluminium.
- O-rings in NBR/EPDM.

##### Pressdrive 05:

- Plastic components in technopolymer.
- Internal membrane in EPDM.

#### Performance curve at 2900 rpm



### ORDERING INFORMATION

Model	Manifold	m³/h (min)	m³/h (max)	Head (Qmin)	Head (Qmax)	Bar	kW	HP	Volt	Phase
<b>PDS 05 3 - 50</b>										
14075	-	0	3.6	7	34	1.5	0.37	0.5	220-240	1
<b>PDS 05 3 - 75</b>										
14076	-	0	3.6	9	44	1.5	0.79	0.75	220-240	1
<b>PDS 05 6 - 125</b>										
14077	-	0	7.2	15	45	2.5	0.9	1.2	220-240	1

#### Dimension and weight

Model	A	B	C	D	E	Kg
PDS 05 3-50	390	345	1"	1"	102	10,8
PDS 05 3-75	413	345	1"	1"	102	11,3
PDS 05 6-125	447	443	1"	1"	108	15,9

