

INX

In-Line Centrifugal Pumps



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Suction Flange	: DN 40...DN 65
Discharge Flange	: DN 40...DN 65
Operating Pressure	: 10 Bar
Operating Temperature	: -25 - 120°C
Flow Range	: 2 - 50 m ³ /h
Man. Pressure Range	: 3 - 35 m
Speed Range	: 1500- 3000 rpm



Areas of Application

Water supply and pressure boosting systems

Irrigation, sprinkler and water drainage

Hot or cold-water circulation in heating and cooling systems

While filling and discharging warehouses and tanks

Industrial processes

Shaft Specifications

The motor shaft is manufactured to be directly connected to the pump shaft.

Sealing Applications

Mechanical seals are used as standard.

The mechanical seal is lubricated by the pumped fluid.

Design Features

This is a single-stage, self-priming, in-line centrifugal pump with a solid shaft motor.

Basic dimensions and rated flow rates are designed according to DIN 24255 and EN 733 standards.

Single suction, closed type impeller with balanced axial loads and dynamically balanced.

Suction and discharge flanges comply with TS EN 1092 -2 / PN 16 standards. Suction and discharge flanges are identical and on the same axis. Both flanges have pressure relief holes.

The shaft motor is coupled to the pump via an adapter.

The impeller and other parts can be removed without tampering with the suction and discharge pipes or the body, which greatly simplifies installation and maintenance.

Bearing

The motor shaft is bearing-supported via the motor end cover and an adapter. The pump's axial and radial forces are absorbed by the motor bearings. These bearings are filled with heat-resistant grease sufficient for their lifetime.

Pump Coding

INX 40 - 125

Serial Name

Nominal Diameter of the Discharge Flange (mm)

Nominal Diameter of the Impeller (mm)

PART NAME	MATERIAL		
	Cast Iron GG25	Noryl	AISI 420
Pump Body	●		
Adapter	●		
Impeller	○	●	
Shaft			●

● Standard Material ○ Optional Material

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