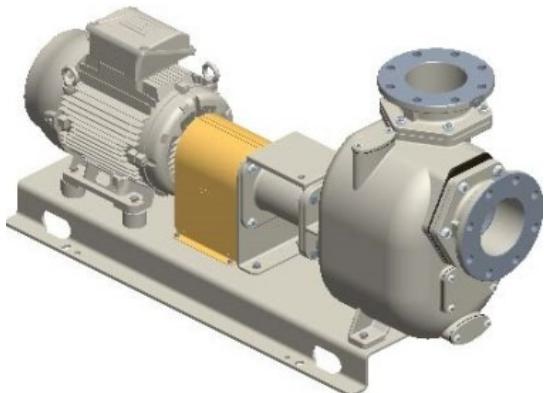


S150 G33B+F+PS/T



#### Product codes:

Reference: 3609.43

#### Product short description:

6" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 11 kW electric motor, on baseplate with coupling and guard.

**+F flange coupling according DIN. PN16**

**+PS automatic lubricator for mechanical seal**

#### Product features:

##### Main Features

Pump series: S150

Pump Flow Rate: max 260 m<sup>3</sup>/h (4300 l/min)

Pump head with 50 Hz grid frequency: max 13 m

Max. Solids Handling: 72x50 mm

Self-priming: ★★★☆☆

Heavy-duty: ★★★★★

Construction: Classic

##### Pump

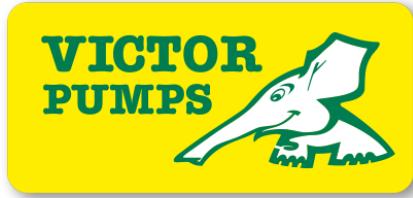
Type of Pump: Self-priming centrifugal pump

Suction port: DN150

Discharge port: DN150

Type of ports: DIN PN16 flange (compatible), ANSI 150lb flange

Inspection cover for the impeller: Yes



**Drain Port:** Yes

**Plug for Vacumeter:** Yes

**Plug for the Manometer:** Yes

**Material of casing:** Cast iron

**Material of impeller:** Ductile Cast-iron

**Material of wear plate:** Steel

**Material of shaft:** Stainless steel AISI420

**Material of non-return valve:** NBR (Nitrile)

**Shaft sealing:** YYV+N Mechanical Seal with Grease Lubrication in SiC/SiC/FKM(Viton®)+Nitrile on Stainless Steel Sleeve AISI316

## Drive

**Type of drive unit:** Three-Phase Electric Motor

**Drive Manufacturer:** WEG

**Efficiency class:** IE3

**Rated Power:** 11 kW

**Maximal Rotation:** 1450 rpm (50 Hz)

**Rated voltage:** 400 V  $\pm 10\%$  @ 50 Hz, 690 V  $\pm 10\%$  @ 50 Hz

**Protection:** 26 Amp (380-480 V), 16 Amp (660-725 V)

**Mounting:** B3

**Frame:** IEC 160M

**Cooling method:** IC411- TEFC

**Protection degree:** IP55

**Insulation class:** F

## Performance data

**Typical application:** waste water with solids in suspension, non-corrosive

**Product temperature:** max. 90 °C

**Ambient temperature:** max. 40 °C

**Density:** up to 1, 4 kg/dm<sup>3</sup>, for higher values you need an oversized motor

**Viscosity:** up to 30 mm<sup>2</sup>s (cSt), for higher values you need an oversized motor

**Max vacuum with water:** max 8 m (9, 5 m for 10 min)

**Max vacuum with air:** max 6 m

## Additional Features

**Setup position:** Horizontal

**Coupling:** Elastic coupling with steel coupling guard

**Arrangement:** Steel base plate

**Paint:** RAL6011 Reseda green

**External Dimensions (L x W x H):** see dimensions

**Net Weight:** see dimensions



**Product gallery:**

