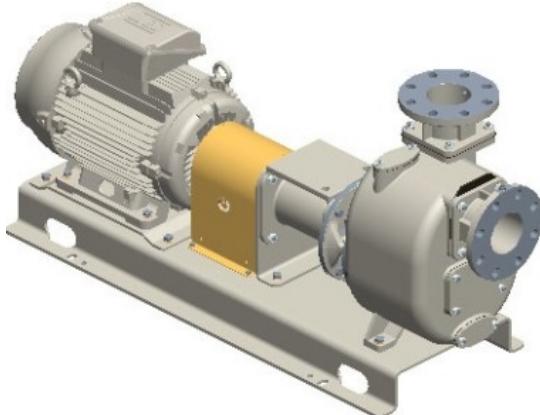


S108(210) G33B+F/T



#### Product codes:

Reference: 3616.142

#### Product short description:

4" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 18,5 kW electric motor, on baseplate with coupling and guard.

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

#### Product features:

##### Main Features

Pump series: S108

Pump Flow Rate: max 140 m<sup>3</sup>/h (2333 l/min)

Pump head with 50 Hz grid frequency: max 47 m

Max. Solids Handling: 35 mm

Self-priming: ★★★★★

Heavy-duty: ★★★☆☆

Construction: Classic

##### Pump

Type of Pump: Self-priming centrifugal pump

Suction port: DN100

Discharge port: DN100

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

Type of self-priming: Wet-prime

Inspection cover for the impeller: Yes

Filling port: Yes



<b>Drain Port:</b> Yes	
<b>Plug for Vacumeter:</b> Yes	
<b>Plug for the Manometer:</b> Yes	
<b>Material of casing:</b> Cast iron	
<b>Material of impeller:</b> Ductile Cast-iron	
<b>Material of wear plate:</b> Steel	
<b>Material of shaft:</b> Stainless steel AISI420	
<b>Material of non-return valve:</b> NBR (Nitrile)	
<b>Shaft sealing:</b> YYV+N Mechanical Seal with Grease Lubrication in SiC/SiC/FKM(Viton®)+Nitrile on Stainless Steel Sleeve AISI316	
<b>Drive</b>	
<b>Type of drive unit:</b> Three-Phase Electric Motor	
<b>Drive Manufacturer:</b> WEG	
<b>Efficiency class:</b> IE3	
<b>Rated Power:</b> 18, 5 kW	
<b>Maximal Rotation:</b> 2900 rpm (50 Hz)	
<b>Rated voltage:</b> 400 V $\pm$ 10% @ 50 Hz, 690 V $\pm$ 10% @ 50 Hz	
<b>Protection:</b> 45 Amp (380-480 V), 26 Amp (660-725 V)	
<b>Mounting:</b> B3	
<b>Frame:</b> IEC 160L	
<b>Cooling method:</b> IC411- TEFC	
<b>Protection degree:</b> IP55	
<b>Insulation class:</b> F	
<b>Performance data</b>	
<b>Typical application:</b> waste water with solids in suspension, non-corrosive	
<b>Product temperature:</b> max. 90 °C	
<b>Ambient temperature:</b> max. 40 °C	
<b>Density:</b> up to 1, 1 kg/dm <sup>3</sup> , for higher values you need an oversized motor	
<b>Viscosity:</b> up to 5 mm <sup>2</sup> s (cSt), for higher values you need an oversized motor	
<b>Max vacuum with water:</b> max 8 m (9, 5 m for 10 min)	
<b>Max vacuum with air:</b> max 8, 5 m	
<b>Additional Features</b>	
<b>Setup position:</b> Horizontal	
<b>Coupling:</b> Elastic coupling with steel coupling guard	
<b>Arrangement:</b> Steel base plate	
<b>Paint:</b> RAL6011 Reseda green	
<b>External Dimensions (L x W x H):</b> see dimensions	
<b>Net Weight:</b> see dimensions	



**Product gallery:**

