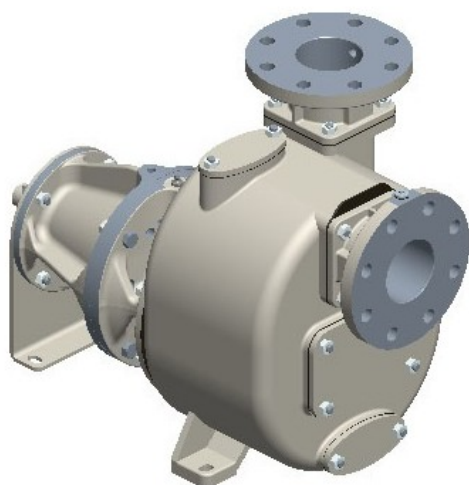




S 88 G31B+F

**Product codes:**

Reference: 3407.02



**Product short description:**

3" Self-priming centrifugal pump in cast iron with mechanical seal, grease-lubricated, non return valve and 15 kW electric motor, on baseplate with coupling and guard.

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

**Product features:**

| Main Features                                                  |
|----------------------------------------------------------------|
| Pump series: S 88                                              |
| Pump Flow Rate: max 95 m <sup>3</sup> /h (1580 l/min)          |
| Pump head with 50 Hz grid frequency: max 50 m                  |
| Max. Solids Handling: 35 mm                                    |
| Self-priming: ★★★★★                                            |
| Heavy-duty: ★★★★★☆                                             |
| Construction: Bare shaft                                       |
| Pump                                                           |
| Type of Pump: Self-priming centrifugal pump                    |
| Suction port: DN80                                             |
| Discharge port: DN80                                           |
| 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 Vacuometer:</b> Option                                                                                                |
| <b>Plug for the Manometer:</b> Option                                                                                             |
| <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> YCV Mechanical Seal with Grease Lubrication in SiC/SiO <sub>2</sub> /FKM (Viton®) on Stainless Steel Sleeve |
| <b>Drive</b>                                                                                                                      |
| <b>Rated Power:</b> 15 kW (20 HP)                                                                                                 |
| <b>Maximal Rotation:</b> 2900 rpm (50 Hz)                                                                                         |
| <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> Without                                                                                                          |
| <b>Arrangement:</b> None                                                                                                          |
| <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:

