

**YOUR BENEFIT:**

- API 610 Standard according to OH2
- Heavy Duty Design
- Wide range of materials

PROCESS PUMP **NCR**

## PROCESS PUMP NCR

### Description / Application

The type NCR is a single-stage volute casing pump in process design according to API 610, type OH2, with axial suction flanges and centerlined pressure flanges pointing vertically upwards.

The volute casing is equipped with robust casted claws for centerline support and a welded and flanged drain. Sealing to the atmosphere is occurred by profile gaskets in metal-to-metal design. The pump shaft is supported by a cylindrical roller bearing and paired angular ball bearings in back-to-back design. Replaceable bearing seals are arranged on both sides. The seal chamber is designed in such a way that mechanical seals according to API 682 can be installed.

### Applications

- Oil & Gas
- Chemistry & Petrochemistry
- Offshore
- Ship technology & Marine
- Refueling equipment & Aviation
- Tank storage & Tank farms
- Renewable energy & Environmental engineering

Info NCR



## PROCESS PUMP NCR

### Technical Data

#### Design

Pump type	Volute casing pump
Stages	Single-stage
Sealing	Mechanical seal
Set-up	Horizontal
Self-priming	No
Bearing	Sleeve bearing
Lubrication	Oil

#### Material

Spheroidal graphite iron (EN-GJS), Cast steel (GP 240 GH), Austenitic cast steel (1.4408/1.4571), Duplex (1.4517), Ni-Based (2.4686)

#### Technical Data

Q max*	1400 m <sup>3</sup> /h [6160 gpm]
H max*	250 m [820 ft]
Operating pressure**	40 bar [580 psi/4 MPa]
Temperature**	250°C [480°F]
max. speed	3500 rpm

\* depending on size and speed

\*\* higher temperatures and pressures on request

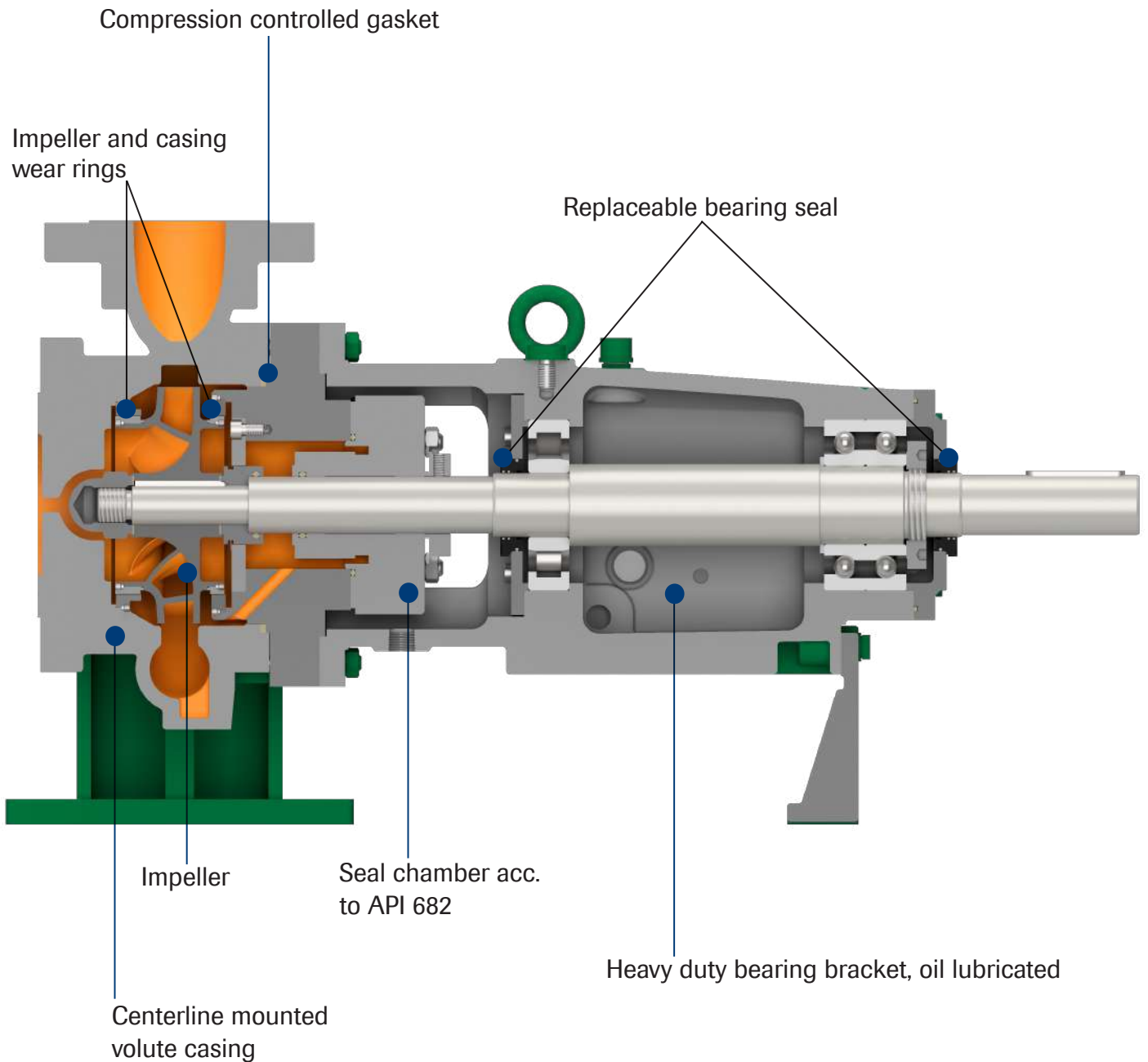
#### Norm

API 610 / API 682

Explosion protection: Category 2 / Zone 1

# PROCESS PUMP NCR

## Sectional View



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