

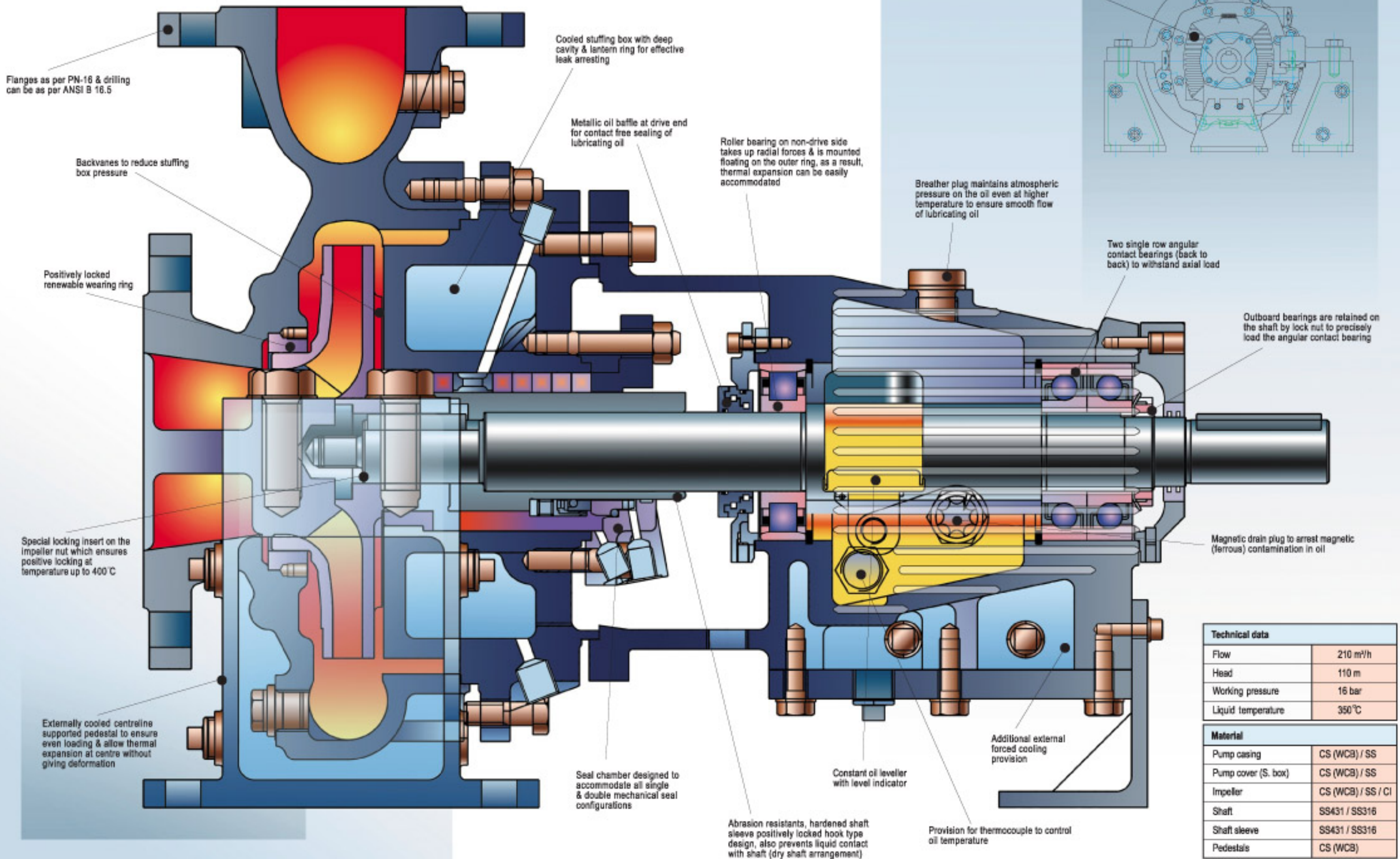
# Pump for Thermic Fluids

Combi Center Line type CCL



# Combi Center Line - type CCL

centrifugal single stage centreline pump for thermic fluids



Technical data	
Flow	210 m <sup>3</sup> /h
Head	110 m
Working pressure	16 bar
Liquid temperature	350°C

Material	
Pump casing	CS (WCB) / SS
Pump cover (S. box)	CS (WCB) / SS
Impeller	CS (WCB) / SS / CI
Shaft	S9431 / SS316
Shaft sleeve	S9431 / SS316
Pedestal's	CS (WCB)

## Applications

Combi Center Line type CCL is an ideal preference of equipment manufacturers viz. boiler, industrial heating systems etc.

### Petrochemicals

circulations of thermic fluids

### Chemicals/Pharmaceuticals

mixers and reactors for chemical products

### Food

treatment of fats, cooking plants

### Textiles

drying chambers

### Pulp & Paper

rolling presses

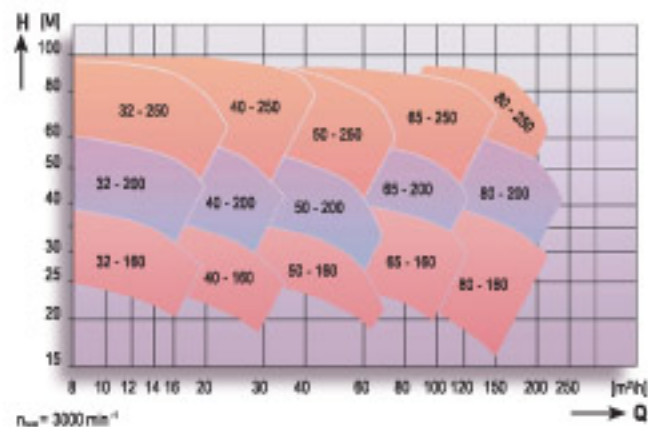
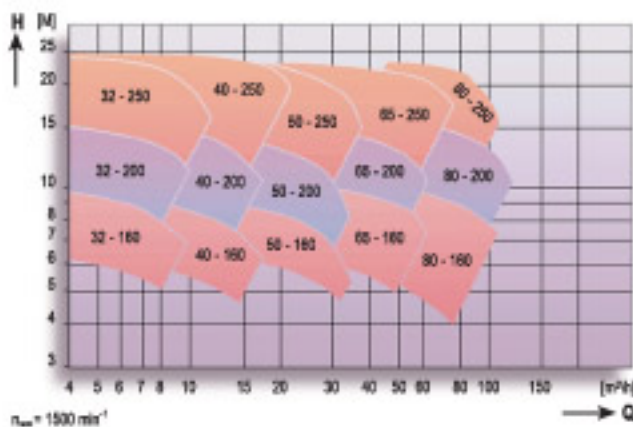
## Features

single stage, centrifugal, back pull out pump generally designed in confirmation to DIN 24256 with related features of API 610.

heavy-duty construction to ensure reliable pump performance even under fluctuating process conditions.

ample cooling of pedestals, stuffing box / seal chamber & bearing housing, with additional radial fins ensures trouble free & extended service life of bearings & sealing systems even at high temperatures.

## Performance data



## Other centrifugal pumps from Johnson Pump



### High Pressure Multistage Pump MCH / MCV-series

Capacity	upto 95 m <sup>3</sup> /hr
Discharge pressure	upto 33 bar
Temperature	upto 150°C
Speed	upto 2900 rpm
Material	CI, Bronze



### Process Pump CC / CCR-series

Capacity	upto 350 m <sup>3</sup> /hr
Head	upto 160 m
Temperature	upto 200°C
Speed	upto 3600 rpm
Material	CI, NCI, Bronze SS, CS, Nobler Alloys



### Back Pullout Pump CN-series

Capacity	upto 1000 m <sup>3</sup> /hr
Head	upto 100 m
Temperature	upto 200°C
Speed	upto 3600 rpm
Material	CI, NCI, Bronze

Manufactured by:



### Johnson Pump (India) Limited

Ahmedabad. In collaboration with Johnson Pump AB, Sweden.  
The company reserves the right to change any specifications without prior notice



Exclusively marketed by:

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