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Pumps ■ Valves ■ Service



## CPK SO

# Chemical Process Pumps

### Applications

- Refinery
- Paper & Pulp Industry
- Food Industry
- Sugar Industry
- Chemical & Agrochemical Industry
- Seawater desalination plants
- Distilleries



# CPK SO - Chemical Process Pumps

## Application

For handling aggressive organic & inorganic fluids in the chemical & petrochemical industries. These pumps are also used at Refinery off-sites, Paper & Pulp Industry, Food Industry, Sugar Industry, Seawater desalination plants, absorption plants in environmental engineering, Power stations etc.

## Design

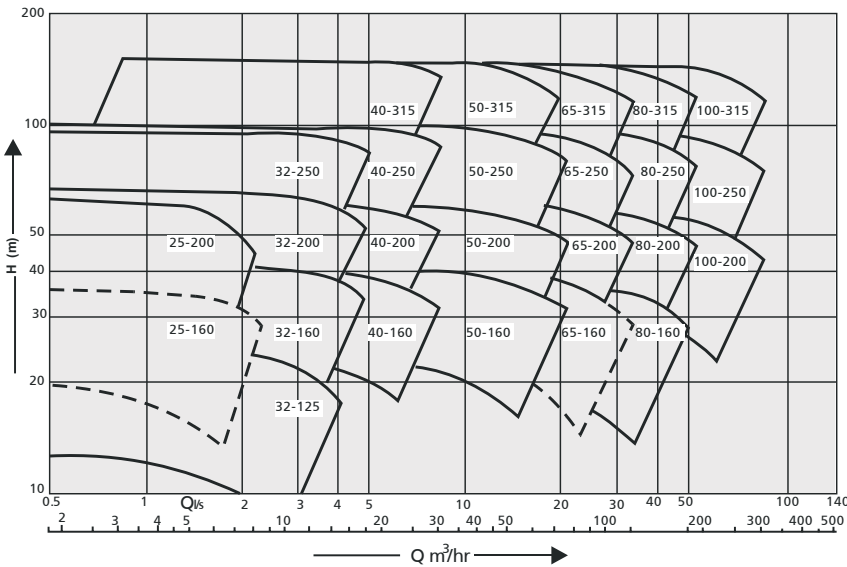
Horizontal volute casing pump in back pull-out design, with semi open Impeller, single-entry, single-stage; to EN 22 858 / ISO 2858 / ISO 5199. Bearing bracket with provision for Impeller axial adjustment.

## Materials

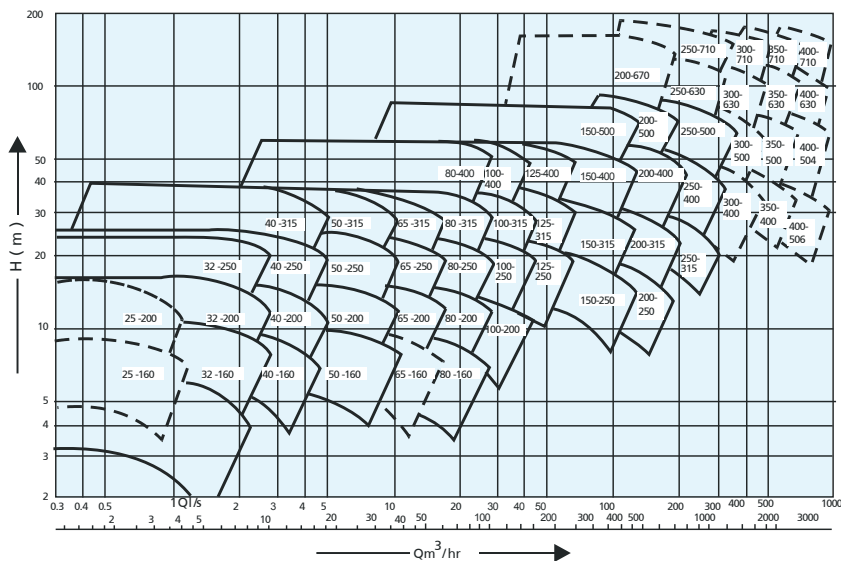
Parts Designation	Material Executions		
	C	E, EC	GC
Volute Casing	CF8M	WCB	CI FG260
Casing Cover	CF8M	WCB	CI FG260
St. Box Pk. Ring (Pkg)	CF8M	CI FG260	CI FG260
Lantern Ring (Pkg)	CF8M	CI FG260	CI FG260
Neck Ring (Pkg)	TYPE 316	CI FG260	CI FG260
St. Box Gland (Pkg)	CF8M CI	CI FG260	CI FG260
Shaft Prot Sleeve(Pkg)	TYPE 316	TYPE 410	TYPE 316
Impeller	CF8M	WCB, CF8M	CF8M
Impeller Nut	CF8M	CF8M	CF8M
Wear Plate	CF8M	WCB, CF8M	CF8M
Shaft	45C8, 410, 1.4462	45C8, Type 410	45C8, Type 410

## Family Curves

n = 2900 rpm.



n = 1450 rpm.



## Operating Data

Pump Sizes	DN	25 to 100 mm
Capacity	Q	up to 260 m³/hr
Head	H	up to 140 m
Disc. Pressure	P	16 - 25 bar
Temperature	t	-70 to 200°C



Technical matter subject to change without notice.



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