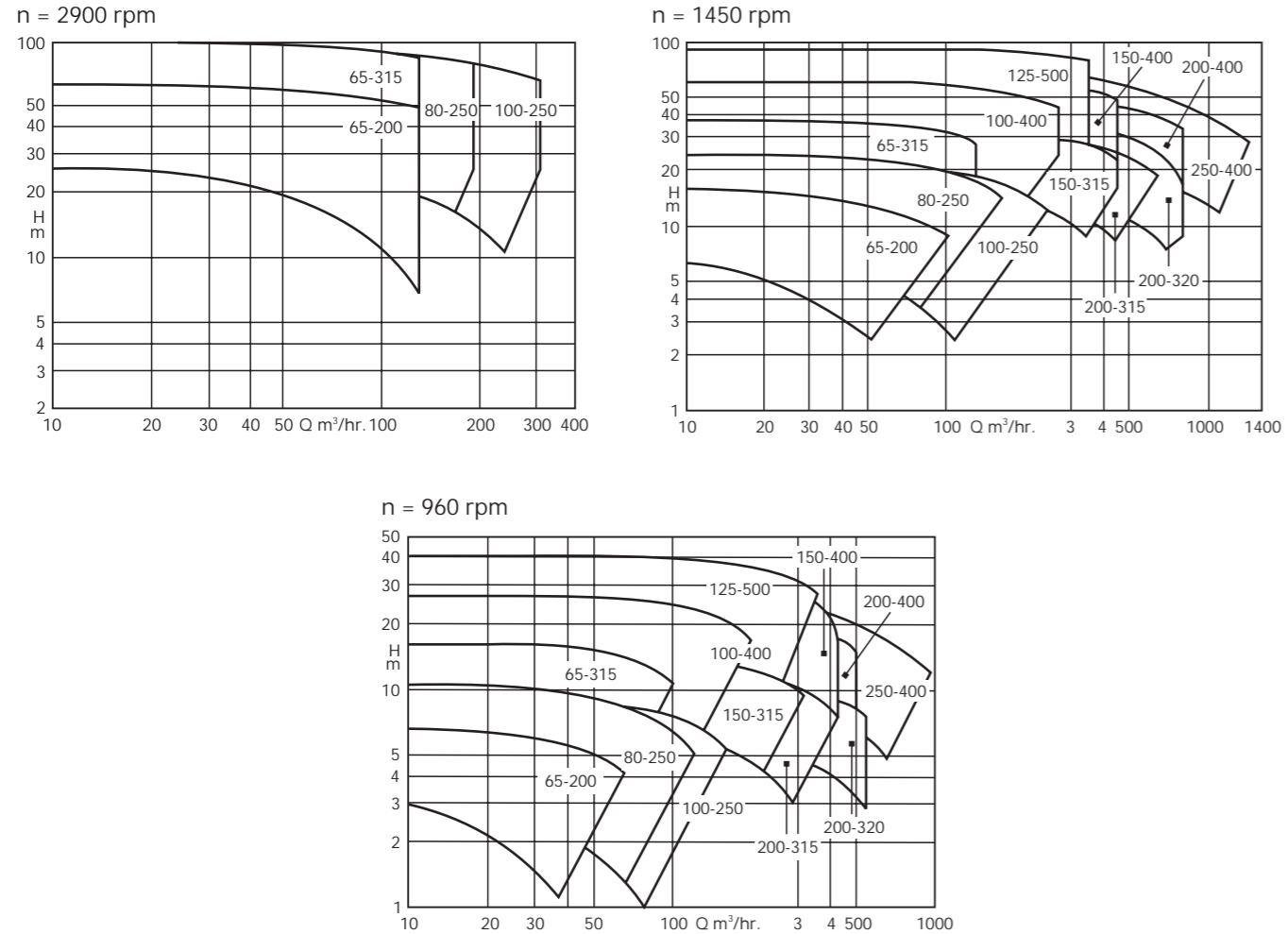


Family Curves



Manufactured in technical collaboration with KSB Aktiengesellschaft., Germany by :

KSB PUMPS LIMITED

Works :
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 Chinchwad - Power Projects Division, D - II Block, MIDC, Pune - 411 019. (020) 2740 9100 (020) 2747 0890
 Coimbatore - Valves Division, 151, NSN Palayam Post, Mettupalayam Road - 641 031. (0422) 246 8222 (0422) 246 8232
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 • Ahmedabad - (079) 26579610 / 11 • Aurangabad - (0240) 2351440, 2342447 • Bangalore - (080) 23491806, 23493925 • Baroda - (0265) 2330532, 2333226
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 • Secunderabad - (040) 27001724, 27003696

Service Stations :
 Odhav - Shed 22, G.V.M. Estate, Ahmedabad - 382 410. (079) 22900372
 NOIDA - "KSB House" A- 96, Sector IV, 201 301. (0120) 2541091-93
 Howrah - 142/1, Foreshore Road, Near Ramkrishnapur Launchghat - 711 101. (033) 26382909
 Chennai - No. 4 (old no. 18) Chakrapani Road, Guindy, 600 032. (044) 22550704

Technical matter. Subject to change without notice.



Design

Horizontal, single stage, end suction pump with back pull out design. Radial flow impellers with double vane or multi vane to suit different types of liquids to be pumped.

Applications

- Sugar Industry : To pump carbonation juice, thick and thin juices of all kinds, milk of lime.
- Paper Industry : To pump pulp water and cellulose up to a stock density of 3% bone dry.
- Effluent and sewage : To pump untreated sewage and chemical effluents, corrosive and abrasive media.
- Food Industry : To pump thick mash, mixtures of grain and water, fruits and vegetables.
- Aluminium Industry : To pump aluminate liquor and Bauxite sludge.
- Mining Industry : To pump mixtures of water and solids (coal, ore, earth or mud).
- Building services : To pump trench water, mixture of Asbestos-Cement.

Operating Data

Pump Size	DN	65 to 250 mm
Capacity	Q	up to 1300 m ³ /hr.
Total Heads	H	up to 100 m.
Pressure	P	up to 10 bar
Temperature	t	-30 to +250°C

Material of construction

Part name	Material execution	
	GC	C
Casing	C.I.	CF8M
Wear plate	CF8M	CF8M
Pressure cover	C.I.	CF8M
Shaft	45C8	45C8 / Type 410
Impeller	CF8M	CF8M
Bearing bracket	C.I.	C.I.
Bearing bracket lantern	C.I.	C.I.
Shaft protection sleeve	45C8	Type 316



Interchangeable wear plate

Safe design of all pressure retaining part

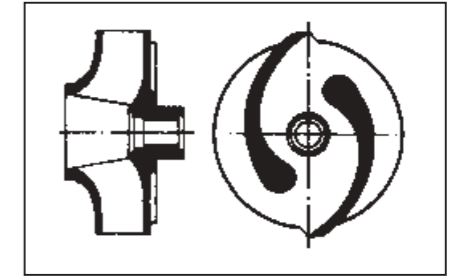
Flanges in accordance with DIN 2533/16 or DIN 2532/10

Stuffing box with standard gland packing arrangement.

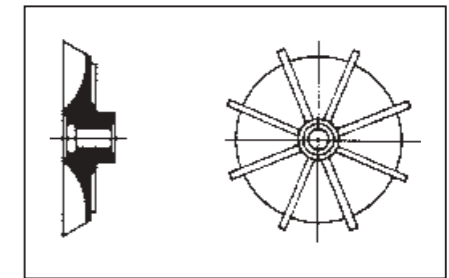
Oil lubricated deep groove ball bearings

Options to use impeller according to application

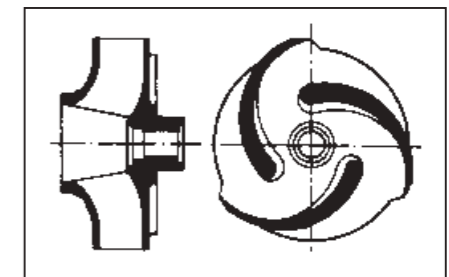
"z" impeller



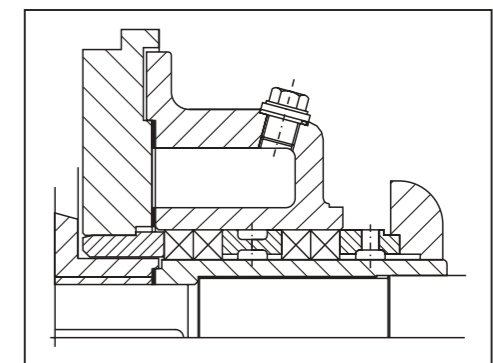
"f" impeller



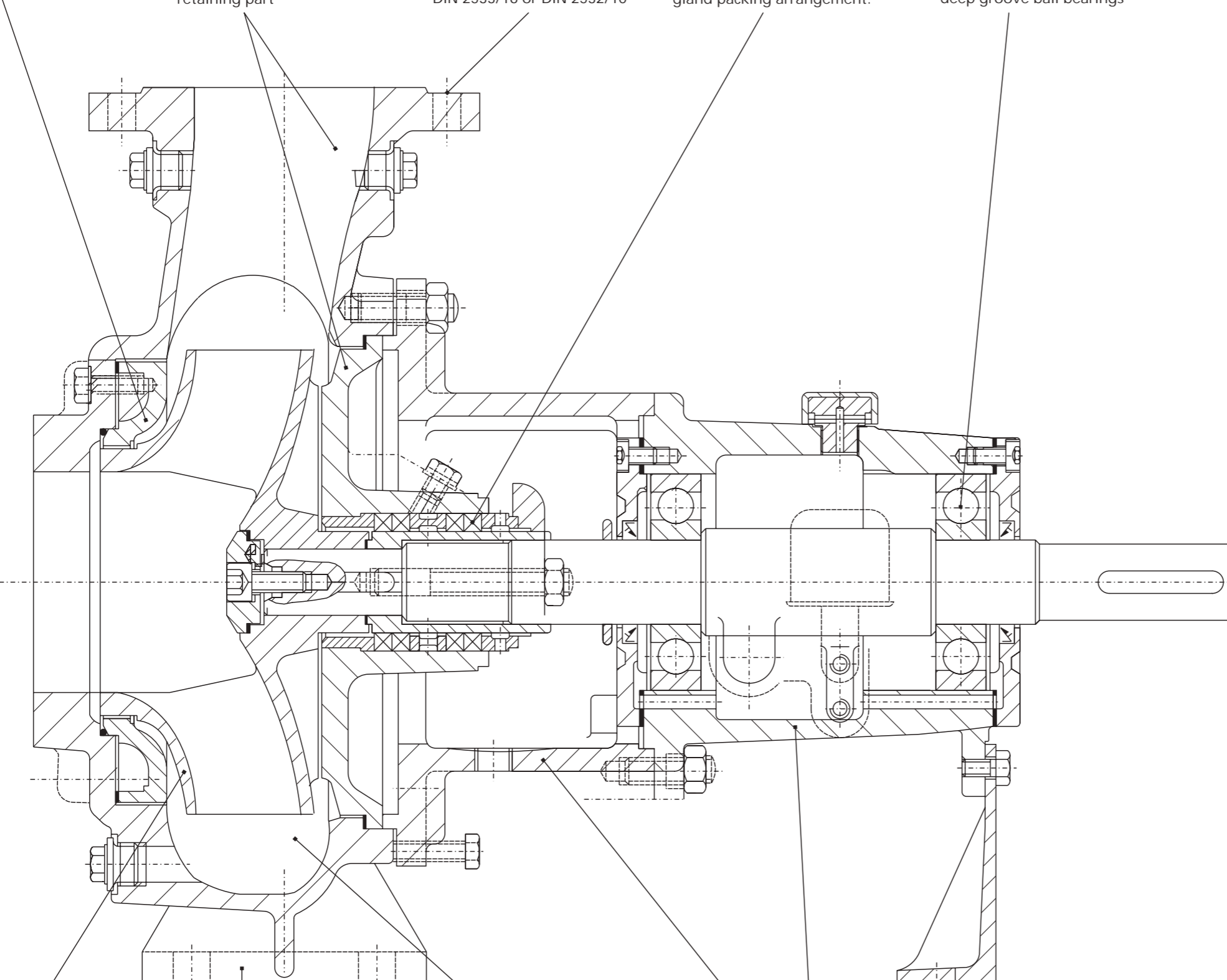
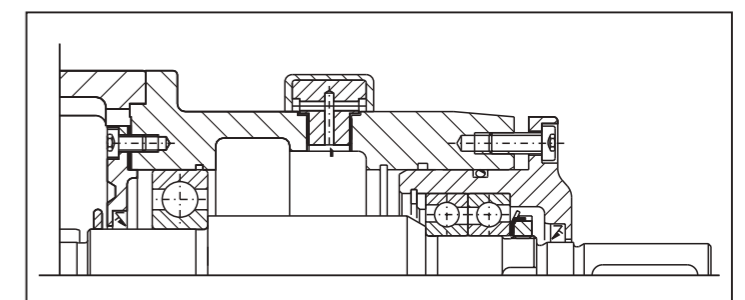
"d" impeller



Stuffing box option : Cooled



Bearing bracket option : Heavy



Different types of impellers for various applications ("z", "f" & "d")

Back-pull out design : While dismantling the pump; casing can remain in the pipeline

Volute with low radial forces

High interchangeability ensures low inventory and fast delivery