



Flowrox CF-V Centrifugal Pump

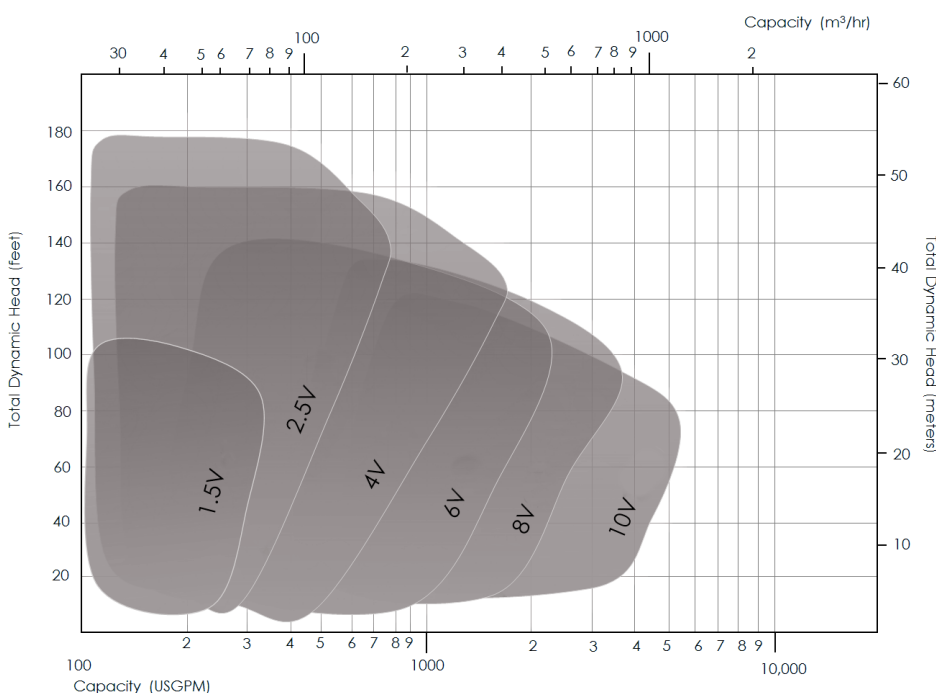
Flowrox CF-V centrifugal pump with vertical cantilever design runs continuously in heavy duty conditions. Wear-resistant components are fit for the most abrasive and corrosive slurries. Flowrox CF-V pump is most suitable for mining, minerals processing and other industrial operations, delivering reliable performance in sumps and pits.

The pump handles flow rates through 1 135 m³/h. A single Flowrox CF-V pump can reach heads up to 50 m and cantilevered depth to 3.6 m with suction extension pipe. Wet parts are either elastomer or hi-chrome and designed for ease of maintenance to minimize downtime.



Flowrox centrifugal pump CF-V is fit for various pumping applications of corrosive and abrasive slurries.

Hydraulic Coverage



Design features

Advanced cantilevered design



Large particle impellers available



Abrasion & corrosion resistant



Ease of maintenance and minimal downtime



Continuous or "snore" operation capability

Material Selection

	Casing	Liners	Impellers	Seals	Column and Discharge Pipe	Mounting Plate	Shaft	Strainers
Standard	Chrome Alloy* Natural Rubber**	Chrome Alloy* Natural Rubber**	Chrome Alloy* Natural Rubber**	Rubber Nitrile	Mild Steel Rubber lined steel	Steel	AISI 1040/1045	Ductile Iron Rubber
Options	Other Alloys*** Neoprene Butyl EPDM Hypalon Nitrile	Other Alloys*** Neoprene Butyl EPDM Hypalon Nitrile	Other Alloys*** Neoprene Butyl EPDM Hypalon Nitrile				AISI 4340	Alloy steels*** Neoprene Butyl EPDM Hypalon Nitrile

*Standard Chrome Alloy: ASTM A532 Class III Type A - 27% Cr, 650BHN; Alternatives available for highly corrosive services.

** Through model 6V6.

*** Other materials are available.

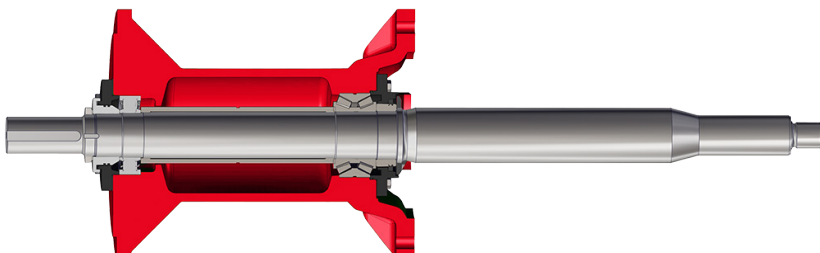
Flowrox CF-V Centrifugal Pumps

Base Model	Bearing Assembly	Nominal Pump Depth* inches (mm)	Nominal Discharge inches (mm)	Nominal Impeller** Diameter inches (mm)	Solid Sphere Passing, Ø** inches (mm)	Impeller* Materials	Liner Materials
1.5V	P	48 (1200)	1.5 (40)	7.40 (188)	0.47 (11.9)	Chrome Iron(s) and Elastomer(s) Available	Chrome Iron(s) and Elastomer(s) Available
2.5V	Q	48 (1200)	2.5 (65)	11.02 (280)	0.59 (15)		
4V	R	60 (1500)	4 (100)	14.57 (370)	1.26 (32)		
6V	S	72 (1800)	6 (150)	17.72 (450)	1.77 (45)	NOTE: Open face, large particle and specialized impellers for certain models	
8V	S	72 (1800)	8 (200)	20.47 (520)	2.56 (65)		
10V	T	84 (2100)	10 (250)	22.64 (575)	2.56 (65)		

*Three standard pump depths offered for every base model: nominally 12" shorter and 12" longer than the standard depth

**Standard impeller (typically five vane, chrome iron)

Bearing Assembly Ratings



Type	Capacity HP (kW)
P	20 (15)
Q	40 (30)
R	101 (75)
S	148 (110)
T	268 (200)

- Grease-lubricated cartridge bearing assembly.
- Extended bearing life with oversized shaft diameters and bearings.
- Highest quality tapered-roller and roller bearings.
- Safe and simple single-point impeller adjustment to maintain peak efficiency.



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