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TECHNOLOGY GROUP

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We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Price Pump CD100V* at our website: *Click HERE*

PRICE PUMP CO.

Centrifugal Pumps



CD150SS Shown

CD100/150

Pump Volute / Impeller Materials

CD (AI) – Cast Iron / Cast Iron
CD (BF) – Cast Iron / Bronze
CD (SF) – Cast Iron / 316SS
CD (AB) – Bronze / Bronze
CD (SS) – 316SS / 316SS
CD (HC) – Hastelloy C / Hastelloy C

Features

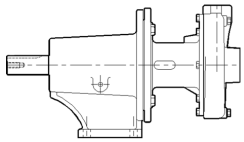
- **Pump Design** – Compact, close coupled
- **Double Seal** – Type 21 available
- **Teflon Seal** – Type 9 available
- **Flush Options** – Recirculating, Internal, & Quench available

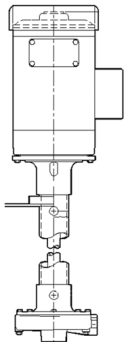
Applications

- Vapor Degreaser
- Chillers
- Deionized Water Processing
- Filter Systems
- Water Treatment Systems
- Circulation / Filtration

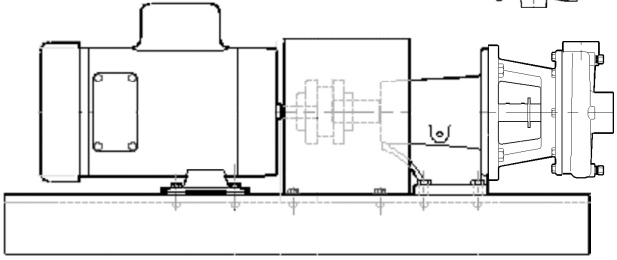
Optional Configurations

- **Air Motor:** Up to 2-1/2 HP
- **Vertical Mounting:**
- **Power Frame Mounting:**





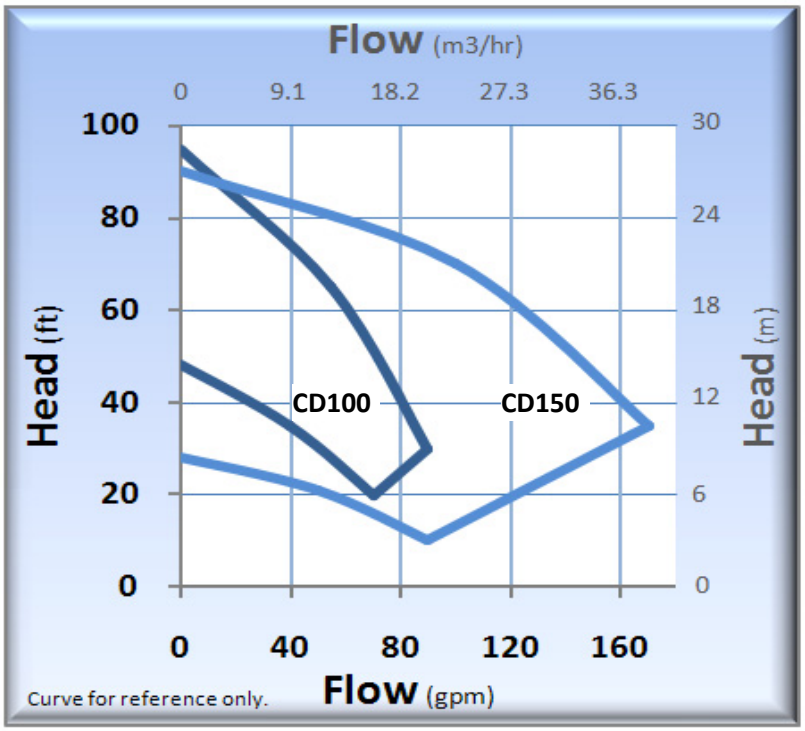
- **Long-Coupled Mounting:**



Standard Specifications

- CD100 / CD100V Discharge 1” FNPT, Suction 1-1/4” FNPT
- CD150 / CD150V Discharge 1-1/2” FNPT, Suction 2” FNPT
- Maximum Impeller Diameter: 4.94”
- Stub Shaft: 5/8” 316SS (7/8” Optional)
- Motor: NEMA C Face (Multiple enclosures available)
- Mechanical Seal:
  Single, 5/8” Type 6A Buna, Carbon vs. Ceramic (AI, BF, SF, AB)
  Single, 5/8” Type 21 Viton, Carbon vs. Ceramic (SS)
  Single, 5/8” Type 9 Teflon, Carbon vs. Ceramic (HC)
  Note: Additional seal options available

Performance Curve – 60 Hz



Rev. Date: May 2009

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CD100/150

Technical Information		
Max Flow (CD100) **Max Flow** (CD150)		**90 GPM** (20.4 m3/hr) **170 GPM** (38.6 m3/hr)
Max Head		**95 feet** (29 m)
Min. Flow (CD100) **Min. Flow** (CD150)		**12 GPM** (2.7 m3/hr) **25 GPM** (5.7 m3/hr)
Max Solid Size		**0.150"** (3.81 mm)
Max Working Pressure	(Type 6A Seal) (Type 8 Seal) (Type 9 Seal) (Type 21 Seal) (Type 2106 Seal)	**75 PSI** (5.2 bar) **325 PSI** (22.4 bar) **350 PSI** (24.1 bar) **150 PSI** (10.3 bar) **150 PSI** (10.3 bar)
Max Temp.		**300°F** (121°C)*

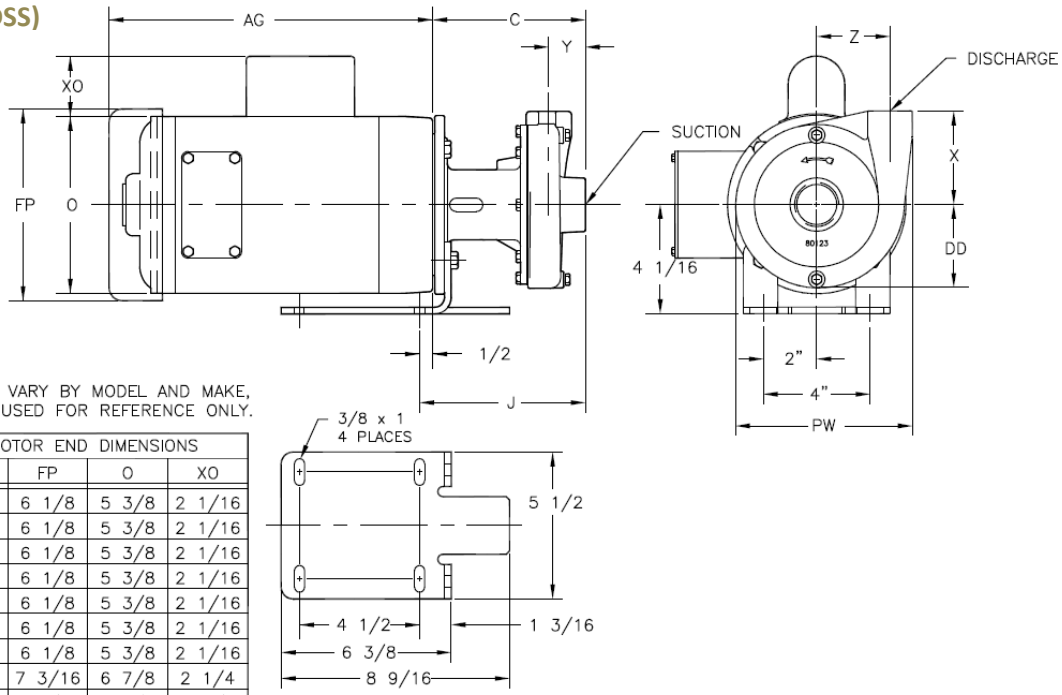
* *Temperature limits will vary according to the liquid being pumped and the sealing materials used.*

Materials of Construction						
CD	**AI**	**BF**	**SF**	**AB**	**SS**	**HC**
Volute	Cast Iron	Cast Iron	Cast Iron	Bronze	316SS	HC
Impeller	Cast Iron	Bronze	316SS	Bronze	316SS	HC
Bracket	Cast Iron	Cast Iron	Cast Iron	Bronze	316SS	HC
Gasket**	Syn. Fiber	Syn. Fiber	Syn. Fiber	N/A	Viton	Teflon
O-ring***	Buna	Buna	Buna	Buna	Viton	N/A
Fasteners	Plated Steel	Plated Steel	Plated Steel	18-8 SS	316 SS	HC

** *Volute gasket is standard on CD100AI, BF, SF, SS, & CD100/150 HC.*

*** *Volute O-ring is standard on CD100AB, and CD150AI, BF, SF, AB, & SS.*

Dimensions (CDSS)



NOTE:
MOTOR DIMENSIONS WILL VARY BY MODEL AND MAKE, DIMENSIONS ARE TO BE USED FOR REFERENCE ONLY.

	MOTOR END DIMENSIONS			
HP RPM FRM	AG	FP	O	XO
1/4 1800 56C	7 3/4	6 1/8	5 3/8	2 1/16
1/3 1800 56C	8 1/4	6 1/8	5 3/8	2 1/16
1/2 1800 56C	8 3/4	6 1/8	5 3/8	2 1/16
1/3 3600 56C	8 1/2	6 1/8	5 3/8	2 1/16
1/2 3600 56C	8 3/4	6 1/8	5 3/8	2 1/16
3/4 3600 56C	9 1/4	6 1/8	5 3/8	2 1/16
1 3600 56C	9 3/4	6 1/8	5 3/8	2 1/16
1 1/2 3600 56C	10 1/2	7 3/16	6 7/8	2 1/4
2 3600 56C	11 1/8	7 3/16	6 7/8	2 1/4
3 3600 56C	12 3/8	7 3/16	6 7/8	2 1/4
5 3600 184C	13 5/8	8 1/2	7 7/8	2 1/4

NOTE:
ALL DIMENSIONS HAVE BEEN ROUNDED TO THE NEAREST 1/8".

	PUMP END DIMENSIONS								
	C	DD	PW	X	Y	Z	J	SUCTION	DISCHG
CD100 SS	5 3/4	3 1/8	6 5/8	3 1/2	1 3/8	2 3/4	6 1/4	1 1/4	1"
CD150 SS	6 13/16	4 1/16	7 15/16	3 13/16	2 1/8	3 1/16	7 5/16	2"	1 1/2

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Member of: Hydraulic Institute

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