



Price® Pump Company

CENTRIFUGAL Close Coupled Pump Model, Seal and Motor Codes

Example Model Number: CD100SS-494-09315-200-36-3T6

CD ¹ 100 ² () ³ SS ⁴ - 494 ⁵	-09 ⁶ 315 ⁷ () ⁸	-200 ⁹ -36 ¹⁰ () ¹¹ -3 ¹² T ¹³ () ¹⁴ 6 ¹⁵
PUMP DESCRIPTION	SEAL DESCRIPTION	MOTOR DESCRIPTION

PUMP DESCRIPTION:

- 1 Model Designation: LT, HP, OH, CD, XT, JB, etc...
- 2 Discharge Size: 50 = 1/2", 75 = 3/4", 100 = 1", etc.
- 3 Optional Configuration: V = Vertical P = Power Frame (no indicator denotes standard horizontal, close-coupled pump)
(When the pump has a P for a power frame, motor description (9-14) is replaced with "FM")

4 Materials of Construction:

- AI = All Iron HC = Hastelloy 'C' KN = Kanigen/Non-Metallic Impeller BF = Cast Iron Bronze Fitted
- AB = All Bronze KP = All Kanigen Plated BN = Bronze/Non-Metallic Impeller SF = Cast Iron Stainless Fitted
- SS = Stainless Steel CN = CPVC/Non-Metallic Impeller BS = Bronze Stainless Fitted

- 5 Impeller Diameter Example: 494 = 4.94"

SEAL DESCRIPTION:

6 Mechanical Seal Type:

- 6A = T.6A 06 = T.6 08 = T.8 09 = T.9 21 = T.21
- 02 = T.02 36 = T.36 26 = T.2106 No Digit = Vertical Pump

7 Mechanical Seal Construction / *Vertical Construction (three digit code):

- 1st digit - refers to 'Elastomer' or vertical 'Fume Barrier'
- 2nd digit - refers to 'Washer' or vertical 'Bushing'
- 3rd digit - refers to 'Seat' or vertical 'Length'

Horizontal Example: 315 = Teflon® Elastomer, Carbon Washer, Ceramic/Kalrez Seat

Vertical Example: 315 = Teflon® Fume Barrier, Carbon Bushing, 32" Vertical Length (see chart below)

1st Digit Elastomer / *Fume Barrier (Lip Seal)	2nd Digit Washer / *Bushing	3rd Digit	
		Seat or	*Vertical Column Length
0 = None	0 = None	0 = None	0 = None 7 = 5"
1 = Buna	1 = Carbon	1 = Ceramic	1 = 6.66" 8 = None
2 = Viton®	2 = Glass Filled Teflon®	2 = Ni Resist	2 = 7.5" 9 = Special
3 = Teflon®	4 = Tungsten Carbide	4 = Tungsten Carbide	3 = 13"
4 = Neoprene	5 = Carbon, Chemical (9031)	5 = Ceramic / Kalrez®	4 = 20"
5 = EPR (EPDM / Nordel®)	6 = Alpha Silicon Carbide	6 = Alpha Silicon Carbide	5 = 32"
6 = Kalrez®	7 = Carbon, Severe Duty (9055)	9 = Other	6 = 44"
7 = Aflas	9 = Carbon, T.21 Hot Water (9012) / T.9 Extreme Duty (7250) / T.8 Severe Duty (9055)		
9 = Other			

8 Seal Option:

- No Digit = No Option F = Flush *Q = Quench Z = Short Suction
 - T = Throat Bushing R = Flush with Recirculation Line V = Viton Bell Gasket in HP75 Y = Special Configuration (CF)
 - N = Nitrogen Purge L = Internal Flush S = Quench with Recirculation Line
 - D = Double Seal (Inboard / Outboard Dissimilar) G = Double Seal (Inboard / Outboard Identical)
- * Fume Barrier (Lip Seal) Material to match Mechanical Seal Material - unless specified otherwise

Vertical Shaft Options: C = Chrome Shaft T = Tungsten Shaft

MOTOR DESCRIPTION:

- 9 = Motor Horsepower: 12 = 1/8 HP 33 = 1/3 HP 200 = 2 HP 1000 = 10 HP, etc.
- 10 = Motor RPM: 15 = 1500 RPM 18 = 1800 RPM 30 = 3000 RPM 36 = 3600 RPM
- 11 = Optional Stub Shaft Size: No Digit = No Option C = 5/8" D = 3/4" E = 7/8" F = 1" G = 1-3/4"
- 12 = Motor Phase: 1 = Single Phase 3 = Three Phase
- 13 = Motor Enclosure: D = Open Drip Proof T = Totally Enclosed X = Explosion Proof Y = Special I = IP55
- S = Severe Duty W = Washdown Duty M = Marine Duty
- 14 = Motor Options: H = High Efficient P = Premium Efficient I = Inverter Duty
- 15 = Motor Frequency: 5 = 50 Hz 6 = 60 Hz 7 = 50/60 Hz

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