



# Price® Pump Company

## CENTRIFUGAL Close Coupled Pump Model, Seal and Motor Codes

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

CD <sup>1</sup> 100 <sup>2</sup> ( ) <sup>3</sup> SS <sup>4</sup> - 494 <sup>5</sup> PUMP DESCRIPTION	-09 <sup>6</sup> 315 <sup>7</sup> ( ) <sup>8</sup> SEAL DESCRIPTION	-200 <sup>9</sup> -36 <sup>10</sup> ( ) <sup>11</sup> -3 <sup>12</sup> T <sup>13</sup> ( ) <sup>14</sup> 6 <sup>15</sup> MOTOR DESCRIPTION
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### 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 36 = T.36 26 = T.2106 No Digit = Vertical Pump

#### 7 Mechanical Seal Construciton / \*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 Silcon Carbide	6 = Alpha Silcon 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  
 (9-15) = Replace With: FM = Frame Mount (Power Frame) PEO = Pump End Only (no motor)