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

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/Vert. = SST Column
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 **R** = EC Bearing
S = Severe Duty **W** = Washdown Duty **M** = Marine Duty
14 = Motor Options **H** = High Efficient **P** = Premium Efficient **I** = Inverter Duty **V** = Non-Standard Voltage
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)

Price Pump® Company

Magnetic Drive (Mag-Drive) Pump Model, Bushing and Motor Codes

Example Model Number: CD100MDSS-494-21110-200-36-3T6

CD[1] 100[2] MD[3] SS[4] - 494[5]	-21110[6]	-200[7] -36[8] ( )[9] -3[10] T[11] ( )[12] 6[13]
PUMP DESCRIPTION	**BUSHING, WASHER & SHAFT DESCRIPTION**	**MOTOR DESCRIPTION**

PUMP DESCRIPTION:

1 **Model Designation:** **HP, CD, 2MS, CL, XT/XL**

2 **Discharge Size:** **75 = 3/4", 100 = 1" 150 = 1-1/2"**

3 **Optional Configuration:** **MD = Mag Drive, MDP = Mag Drive mounted on a Power Frame**
(***When the pump has a*** **P** ***for a power frame, motor description (7-12) is replaced with*** **"FM")**

4 **Materials of Construction:**

SS = Stainless Steel

5 **Impeller Diameter Example:** **494 = 4.94"**

BUSHING / WASHER / SHAFT / OPTIONS DESCRIPTION:

6 **Pump Construction:**
The **first digit** of the five digit code refers to 'O-ring material'. The **second digit** refers to 'Thrust Bushing material'. The **third digit** refers to 'Thrust Washer material'. The **fourth digit** refers to 'Shaft material'. The **fifth digit** refers to 'Other Options'.

Example: **21110** = Viton Elastomer O-ring, Carbon Bushings, Ceramic Washers, 316 Stainless Steel Shaft, and No other options.

See Chart Below:

1st Digit O-ring	**2nd Digit** Thrust Bushing	**3rd Digit** Thrust Washer	**4th Digit** Shaft	**5th Digit** Options
				0 = No Option
1 = Buna	**1** = Carbon	**1** = Ceramic	**1** = 316 Stainless Steel	**1** =
2 = Viton®	**2** =	**2** =	**2** = Tungsten Carbide Coated	**2** =
3 = Teflon®	**3** =	**3** =	**3** =	**3** =
4 = Neoprene	**4** =	**4** =	**4** =	**4** =
5 = EPR (EPDM / Nordel®)	**5** =	**5** =	**5** =	**5** =
6 = Kalrez®	**6** = Silicon Carbide	**6** = Silicon Carbide	**6** =	**6** =
7 = Fluorosilicone	**7** =	**7** =	**7** =	**7** =
8 = Teflon/Viton Encap.	**8** =	**8** =	**8** =	**8** = Sanitary Fittings
9 = Teflon/Silicon Encap.	**9** =	**9** =	**9** =	**9** = Special

MOTOR DESCRIPTION:

7 = Motor Horsepower:	**12** = 1/8 HP	**33** = 1/3 HP	**200** = 2 HP	**1000** = 10 HP, etc.	
8 = Motor RPM:	**15** = 1500 RPM	**18** = 1800 RPM	**30** = 3000 RPM	**36** = 3600 RPM	
9 = Optional Stub Shaft Size:	**No Digit** = No Option	**E** = 7/8"			
10 = Motor Phase:	**1** = Single Phase	**3** = Three Phase			
11 = Motor Enclosure:	**D** = Open Drip Proof	**T** = Totally Enclosed	**X** = Explosion Proof	**Y** = Special	**R = EC Bearing**
	S = Severe Duty	**W** = Washdown Duty	**M** = Marine Duty		
12 = Motor Options	**H** = High Efficient	**P** = Premium Efficient	**I** = Inverter Duty	**V** = Non-Standard Voltage	
13 = Motor Frequency:	**5** = 50 Hz	**6** = 60 Hz	**7** = 50/60 Hz		
(7-13) = Replace With:	**FM** = Frame Mount (Power Frame)		**PEO** = Pump End Only (no motor)		