



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 PUMP DESCRIPTION	-09 ⁶ 315 ⁷ () ⁸ SEAL DESCRIPTION	-200 ⁹ -36 ¹⁰ () ¹¹ -3 ¹² T ¹³ () ¹⁴ 6 ¹⁵ 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* B = Standard Baseplate X = Stainless Steel Baseplate
(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"
 - *When the pump has a "P" for a power frame AND an "X" or "B", unit is long-coupled on a baseplate
- 4 Materials of Construction:**
 - AI = All Iron HC = Hastelloy 'C' BS = Bronze Stainless Fitted
 - AB = All Bronze CN = CPVC/Non-Metallic Impeller BF = Cast Iron Bronze Fitted
 - SS = Stainless Steel BN = Bronze/Non-Metallic Impeller SF = Cast Iron 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		3rd Digit	
	Washer	Bushing	Seat	*Vertical Column Length
0 = None	0 = None	0 = None	0 = None	0 = None
1 = Buna	1 = Carbon	1 = Carbon	1 = Ceramic	1 = 6.5"
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 = EPDM (EPDM / Nordel®)	6 = Alpha Silicon Carbide	6 = Alpha Silicon Carbide	6 = Alpha Silicon Carbide	5 = 32"
6 = Kalrez®	7 = Carbon, Severe Duty (9055)	9 = Cutless Nitrile Rubber	8 = GLSiC (Graphite Loaded Silicon Carbide)	6 = 44"
7 = Aflas	8 = GLSiC (Graphite Loaded Silicon Carbide)		9 = Other	7 = None
8 = GLSiC (Graphite Loaded Silicon Carbide)	9 = Carbon, T.21 Hot Water (9012)			8 = None
9 = Other	T.9 Extreme Duty (7250)			9 = Special
	T.8 Severe Duty (9055)			

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) A = Flush with Coiled Recirc. Line

* 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 PUMP DESCRIPTION	-21110 ⁶ BUSHING, WASHER & SHAFT DESCRIPTION	-200 ⁷ -36 ⁸ () ⁹ -3 ¹⁰ T ¹¹ () ¹² 6 ¹³ MOTOR DESCRIPTION
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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
1 = Buna 2 = Viton® 3 = Teflon® 4 = Neoprene 5 = EPR (EPDM / Nordel®) 6 = Kalrez® 7 = Fluorosilicone 8 = Teflon/Viton Encap. 9 = Teflon/Silicon Encap.	1 = Carbon 2 = 3 = 4 = 5 = 6 = Silicon Carbide 7 = 8 = 9 =	1 = Ceramic 2 = 3 = 4 = 5 = 6 = Silicon Carbide 7 = 8 = 9 =	1 = 316 Stainless Steel 2 = Tungsten Carbide Coated 3 = 4 = 5 = 6 = 7 = 8 = 9 =	0 = No Option 1 = 2 = 3 = 4 = 5 = 6 = 7 = 8 = Sanitary Fittings 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
H = High Efficient P = Premium Efficient I = Inverter Duty V = Non-Standard Voltage
- 12 = Motor Options
- 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)