



# Price® Pump Company

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

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

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

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"

### 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 **forth 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 = Flouro-Silicon 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 = Silicon Carbide 7 = 8 = 9 =	0 = No Option 1 = Carbon 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 I = IP55 |
|                               | S = Severe Duty                | W = Washdown Duty              | M = Marine Duty     |                      |
|                               | H = High Efficient             | P = Premium Efficient          | I = Inverter Duty   |                      |
| 12 = Motor Options            | 5 = 50 Hz                      | 6 = 60 Hz                      | 7 = 50/60 Hz        |                      |
| 13 = Motor Frequency:         | FM = Frame Mount (Power Frame) | PEO = Pump End Only (no motor) |                     |                      |
| (7-13) = Replace With:        |                                |                                |                     |                      |