

CENTRIFUGAL Close Coupled Pump Model, Seal and Motor Codes

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

${\rm CD}^1 {\rm 100}^2$ () ³ ${\rm SS}^4 - 494^5$		-09 ⁶ 315 ⁷ () ⁸	-200 ⁹ -36 ¹	$-200^9 - 36^{10}$ () ¹¹ -3^{12} T ¹³ () ¹⁴ 6^{15}		
PUMP DESCRIPTION		SEAL DESCRIPTION	ı	MOTOR DESCRIPTION		
PUMP DESCRIPTION:						
1 Model Designation:		OH, CD, XT, JB, etc				
2 Discharge Size:	50 = 1/2	2", 75 = 3/4", 100 = 1", etc.				
3 Optional Configuration				standard horizontal, close-coupled pump)		
		er frame, motor description	•			
		er jrume, motor description	(3-14) is replaced with	/ FIVI)		
4 Materials of Constructi	-		ince (Non Matallia luce	ellen DE Cestilien Dienes Sitte		
	Hastelloy 'C'		igen/Non-Metallic Imp			
AB = All Bronze KP =	All Kanigen Pla	ated BN = Bro	nze/Non-Metallic Impe	eller SF = Cast Iron Stainless Fitt		
SS = Stainless Steel CN =	CPVC/Non-M	etallic Impeller BS = Bror	nze Stainless Fitted			
5 Impeller Diameter Exa	nple: 494	l = 4.94"				
-						
SEAL DESCRIPTION:						
6 Mechanical Seal Type:						
6A = T.6A 06 = T.	6 08 = 1	T.8 09 = T.9 2 :	1 = T.21			
02 = T.02 36 = T.	36 26 = "	T.2106 No Digit = Vertica	l Pump			
		-				
		tical Construction (three dig	git code):			
1st digit - refers to 'Elas	tomer' or ver	tical 'Fume Barrier'				
2nd digit - refers to 'Wa	sher' or verti	cal 'Bushing'				
3rd digit - refers to 'Sea		•				
JIU UIGIL - IEIEIS LU JEG		Lengui				
-						
Horizontal Exa		eflon [®] Elastomer, Carbon W				
Horizontal Exa		eflon [®] Elastomer, Carbon W on [®] Fume Barrier, Carbon Bu				
Horizontal Exam Vertical Examp		on [®] Fume Barrier, Carbon Bu		ngth (see chart below)		
Horizontal Exa	le: 315 = Tefl					
Horizontal Examp Vertical Examp 1st Digit Elastomer / *Fume Barrier (Lip Se	le: 315 = Tefl	on [®] Fume Barrier, Carbon Bu 2nd Digit Washer / *Bushing	ushing, 32" Vertical Len	ngth (see chart below) 3rd Digit *Vertical Column Length		
Horizontal Examp Vertical Examp 1st Digit Elastomer / *Fume Barrier (Lip Se 0 = None	al) 0 = Nor	on [®] Fume Barrier, Carbon Bu 2nd Digit Washer / *Bushing ne	ushing, 32" Vertical Len Seat 0 = None	agth (see chart below) 3rd Digit *Vertical Column Length 0 = None 7 = 5"		
Horizontal Examp Vertical Examp 1st Digit Elastomer / *Fume Barrier (Lip Se 0 = None 1 = Buna	le: 315 = Tefle al) 0 = Nor 1 = Car	on [®] Fume Barrier, Carbon Bu 2nd Digit Washer / *Bushing ne rbon	ushing, 32" Vertical Len Seat 0 = None 1 = Ceramic	ard Digit *Vertical Column Length 0 = None 7 = 5" 1 = 6.66" 8 = None		
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Magnetic Drive (Mag-Drive) Pump Model, Bushing and Motor Codes

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 **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	2nd Digit	3rd Digit	4th Digit	5th Digit
O-ring	Thrust Bushing	Thrust Washer	Shaft	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	n E = 7/8"			
10 = Motor Phase:	1 = Single Phase	3 = Three Phase			
11 = Motor Enclosure:	D = Open Drip Proof	T = Totally Enclose	ed X = Explosior	n Proof Y = Special	R = EC Bearing
	S = Severe Duty	W = Washdown D	uty M = Marine I	Duty	
12 = Motor Options	H = High Efficient	P = Premium Effic	ient I = Inverter D	outy V = Non-Sta	andard 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)	