

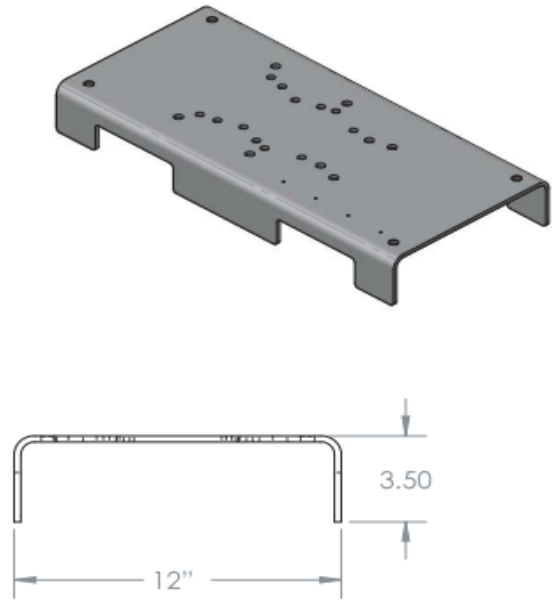
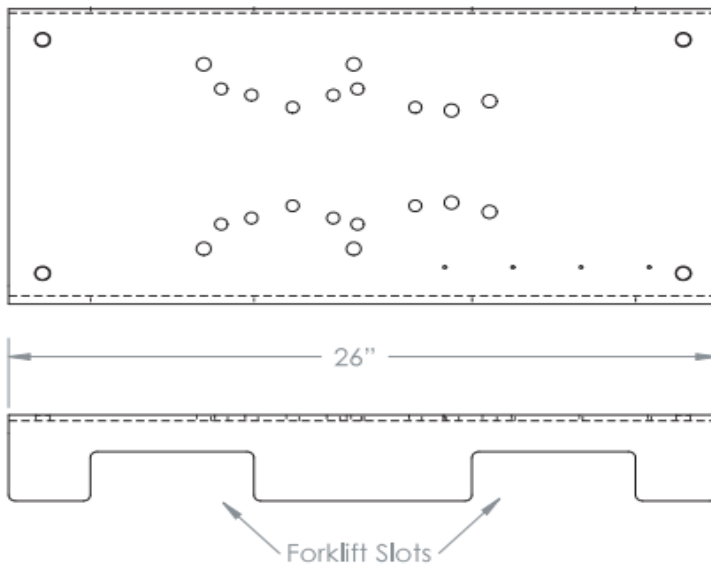


Centrifugal Pump, Motor & Parts List Prices

September 2025

Rev B

New Product Release: Close Coupled Baseplates



				List Price
BP0010 (12" x 26" x 3.5")				
CS	For 56C / 143TC-184C / 213-215JM (Up to 15 HP)	\$		763
SS	For 56C / 143TC-184C / 213-215JM (Up to 15 HP)	\$		1,536
BP0011 (15" x 30" x 3.5")				
CS	For 143-184JM / 213-215JM / 254-256JM (Up to 25 HP)	\$		1,483
SS	For 143-184JM / 213-215JM / 254-256JM (Up to 25 HP)	\$		3,015
BP0012 (23 3/4" x 40" x 3.5")				
CS	For 284-286JM / 324-326JM / 364-365JM (25 HP and up)	\$		2,802
SS	For 284-286JM / 324-326JM / 364-365JM (25 HP and up)			CF

Standard 7-10 day lead time on stocked baseplates.



CENTRIFUGAL PUMP, MOTOR & PARTS LIST PRICES

Effective for products shipped after
9/8/2025

Rev B

<u>Description</u>	<u>Page Nbr.</u>
Standard & Expedited Shipping	2
Close-Coupled Pump Model Codes	3
Magnetic Drive Pump Model Codes	4
LT25 Pumps	5
F Series Pumps	8
HP Pumps	10
OH75 Pumps	13
RP75 Pumps	15
MS50 Pumps	17
CD Pumps	20
RC Pumps	25
CL150 (56C) Pumps	30
CL150 (182TC -184TC) Pumps	33
XT & XL Pumps	35
XJ & JB Pumps	40
XJ 400 Pump	44
SP150 Pumps	46
Pryco Series Pumps	48
HP Magnetic Drive Pumps	49
CD Magnetic Drive Pumps	51
2MS75 Magnetic Drive Pumps	53
CL150 Magnetic Drive Pumps	55
XT/XL Magnetic Drive Pumps	57
Variable Frequency Drives (VFD)	59
Pump Test Pricing	60
Special Option Pricing	61

<u>Centrifugal Parts Price List</u>	<u>Parts Section Page</u>
Parts Pricing sorted by part number	1
Single Seal Pricing sorted by description	38
Double Seal Pricing sorted by description	50
Special Assembly Tools Pricing	53

Kalrez ®, Teflon ® and Viton ® are registered trademarks of DuPont

Standard Shipments in just 7-10 working days. See page two for expedited shipment services.

Performance Curves, Parts Lists, Outline Drawings, Installation, Operating and Maintenance Manuals
along with other technical information is available from our website.

Scan with your smart phone to visit www.pricepump.com



General email: sales@pricepump.com

Order Entry email: orders@pricepump.com

PRICE PUMP® CO., 2203 Smeed Parkway, Caldwell, ID 83605 Main: (208) 402-6871 Fax: (208) 402-6856

Page 1



Price Pump® Company

Standard & Expedited Shipping

All orders are F.O.B. Caldwell or EX-WORKS Caldwell, Idaho unless prearranged with the factory.

I. Pumps - Standard Shipment

- 1) All Pump Ends & Pump/Motor units in our current price book have a standard **lead times of 7-10 working days ARO (after receipt of order)**.
- 2) For items marked "Contact Factory", please check with the factory for price and availability.

II. Pumps - Expedite Services - V.I.P. (Same Day and Next Day Expedite Service)

Expedited shipping is available using our **V.I.P. (Very Important Pump)** service. V.I.P. orders are F.O.B. Caldwell or EX-WORKS Caldwell, Idaho. The V.I.P. charges below do not include freight charges.

- 1) Stock and Production Schedule must be verified by phone at the factory before an order is accepted and entered.
- 2) Charges to expedite pumps are as follows:

V.I.P. (Including Changing an existing order) Order can be shipped within 2-6 working days from receipt of Purchase Order Expedite Service Fee: \$100.00 net charge per pump	V.I.P. Next Day (Including Changing an existing order) Domestic Orders must be placed by 1:00 p.m. US Mountain Standard Time, International Orders placed by 10:00 a.m. US MST in order for Price Pump Company to ship the "Next Day". Expedite Service Fee: \$125.00 net charge per pump	V.I.P. Same Day (Including Changing an existing order) Domestic Orders must be placed by 12 noon US Mountain Standard Time, International Orders placed by 10:00 a.m. US MST in order for Price Pump Company to ship the "Same Day". Expedite Service Fee: \$200.00 net charge per pump
---	--	--

III. Parts - Standard and Same Day Service

- 1) **STANDARD**
Part orders are normally shipped the next day with no added expedite fee, if received before 1:00 noon MST. Multiple Repair Kit orders or orders for parts that need machining, such as a trimmed impeller, may require an extra day for shipment.
- 2) **SAME DAY SERVICE - P.O.N.Y. EXPRESS** (Parts Order Needed Yesterday)
Domestic Orders must be placed by 12:00 Noon Mountain Standard Time.
International Orders must be placed by 10:00 AM MountainStandard Time.

PONY FEE - \$50.00 net charge **per** order.
 This is an expediting charge only and does not include freight charges.

Minimum Billing: \$50 Net – Domestic & International Customers.



Price Pump® Company

CENTRIFUGAL Close Coupled Pump Model, Seal and Motor Codes

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

CD¹ 100² ()³ SS⁴ - 494⁵ PUMP DESCRIPTION	-09⁶ 315⁷ ()⁸ SEAL DESCRIPTION	-200⁹ -36¹⁰ ()¹¹ -3¹² T¹³ ()¹⁴ 6¹⁵ MOTOR DESCRIPTION
--	--	---

PUMP DESCRIPTION:

- Model Designation:** LT, HP, OH, CD, XT, JB, etc...
- Discharge Size:** 50 = 1/2", 75 = 3/4", 100 = 1", etc.
- 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"
- Materials of Construction:**
 AI = All Iron HC = Hastelloy 'C' BS = Bronze Stainless Fitted CS = CPVC Stainless Fitted
 AB = All Bronze CN = CPVC/Non-Metallic Impeller BF = Cast Iron Bronze Fitted SST = Multistage with GFT Bushings
 SS = Stainless Steel BN = Bronze/Non-Metallic Impeller SF = Cast Iron Stainless Fitted
- Impeller Diameter Example:** 494 = 4.94"

SEAL DESCRIPTION:

- 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
- 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®	3 = 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) T.8 Severe Duty (9055)			9 = Special

- 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:

- Motor Horsepower:** 12 = 1/8 HP 33 = 1/3 HP 200 = 2 HP 1000 = 10 HP, etc.
- Motor RPM:** 15 = 1500 RPM 18 = 1800 RPM 30 = 3000 RPM 36 = 3600 RPM
- Optional Stub Shaft Size:** No Digit = No Option C = 5/8" D = 3/4" E = 7/8" F = 1" G = 1-3/4"
- Motor Phase:** 1 = Single Phase 3 = Three Phase
- 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
- Motor Options**
- 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
---	--	---

PUMP DESCRIPTION:

- Model Designation:** HP, CD, 2MS, CL, XT/XL
- Discharge Size:** 75 = 3/4", 100 = 1" 150 = 1-1/2"
- 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")
- Materials of Construction:**
SS = Stainless Steel
- 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 = EPDM (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 | 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: | | | | |



Type LT25

Effective: Sept. 2025
Rev B

Maximum Impeller Diameter: 3.34"

Standard Motor: NEMA 42C Footed

Standard Mechanical Seal: Single, 5/8" Type 21 Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0553)

Close-Coupled Pump

Horizontal End Suction: Pump End Only-Includes full-size Impeller, standard Viton® Mechanical Seal

List Prices	AB	SF	SS	(lbs)
LT25 (1/4" x 1/2" x 3.34")	\$ 1,293	\$ 1,276	\$ 1,340	7
Trimmed impeller adder (any size other than full-size, 1/8" increments).....			\$ 48	

Vertical Immersion Sealless:

Pump End Only - Includes full-size Impeller, standard Carbon Graphite Bushing, & standard 7-1/2" Column

List Prices	SS	(lbs)
LT25V (1/4" x 1/2" x 3.34") - Stainless Steel models only	\$ 2,710	12
Trimmed impeller adder (any size other than full-size, 1/8" increments).....	\$ 48	

Note: Vertical Fume Barriers not available on LT25V

Column Adders:

7 1/2"	316 SS Column (2) P/N 0468.....	STD	
13"	316 SS Column (3) P/N 0467.....	\$ 199	2
20"	316 SS Column (4) P/N 0466.....	\$ 389	4

Mounting Plate Adders:

Round Carbon Steel Plate (P/N 0909)	\$ 670	11
Round Stainless Steel Plate (P/N 0910)	\$ 803	13

Bushing Adders: (Standard Bushing is Carbon Graphite P/N 0672)

Glass-Filled Teflon® (2) (P/N 0691).....	\$ 236	
Silicon Carbide bushing (6) (P/N 0730) <i>Note: Need Tungsten Coated Shaft</i>	\$ 1,243	
Tungsten Carbide Coated Shaft (<i>Contact factory for lead time</i>)	\$ 1,007	

Single Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Standard Mechanical Seal: Single, 5/8" Type 21, Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat

Number in () are the BOM/Model number codes

	List
Type 2106 Viton®(2) or EPR(5) Elastomer, Silicon Carbide(6) Washer vs. Silicon Carbide(6) Seat.....	\$ 227
Type 21 Buna(1), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat	No Charge
<i>Type 21 - Washer adders:</i>	
Tungsten Carbide(4) Washer.....	\$ 698
9031 Chemical Carbon(5) Washer.....	\$ 177
Silicon Carbide(6) Washer.....	\$ 209
9055 Severe Duty Carbon(7) Washer.....	\$ 172

Type 21 - Seat adders:

Ni-Resist(2) Seat.....	\$	105
Tungsten Carbide(4) Seat.....	\$	574
Silicon Carbide(6) Seat.....	\$	173

Advantage Type 21

Viton®(2) or EPD (5), GL Silicon Carbide(8) Washer vs. GL Silicon Carbide(8) Seat.....	\$	315
--	----	-----

Includes Type 9 bracket modification (P/N: 0311-5)

Type 9 Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic-Kalrez®(5) O-Ring Seat.....	\$	801
Includes Type 9 bracket modification (P/N: 0311-5)		

Type 9 - Washer adders:

Glass-Filled Teflon®(2) Washer & Wedges.....	\$	431
9031 Chemical Carbon(5) Washer.....	\$	332
Silicon Carbide(6) Washer.....	\$	722
9055 Severe Duty Carbon(7) Washer.....	\$	412
7250 Extreme Duty Carbon(9) Washer.....	\$	393

Type 9 - Seat adders:

Ni-Resist(2) O-ring Seat.....	\$	295
Tungsten Carbide(4) O-ring Seat.....	\$	558
Silicon Carbide(6) O-ring Seat.....	\$	337

Type 8 Viton®(2) Elastomer, Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$	555
Kalrez®(6) Elastomer, Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$	2,925

*** For other Seal Face Options - Contact Factory for price and availability.**

Flush Options:

Tap and plug for 1/8" NPT connections (F)	\$	172
External - Recirculating flush line (R)	\$	514
(316SS fittings & tubing, and flush supplied. Must be plumbed to discharge pipe.)		
Internal - Recirculating flush line (Available on LT25SS only) (L).....	\$	214

Quench: (No Quench option available for the LT25)

Double Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Price includes two drilled and tapped 1/8" NPT connections in bracket.

	List
Type 21 Viton®(2) Neoprene(4) or EPD(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 792

Both Seal ends provided. Seal face adders below are priced for product side only.

Type 21 - Washer adder each:

Tungsten Carbide(4) Washer.....	\$	698
9031 Chemical Carbon(5) Washer.....	\$	177
Silicon Carbide(6) Washer.....	\$	209
9055 Severe Duty Carbon(7) Washer.....	\$	172

Type 21 - Seat adders each:

Ni-Resist(2) Seat.....	\$	147
Tungsten Carbide(4) Seat.....	\$	607
Silicon Carbide(6) Seat.....	\$	313

Frame Mounting Option: Bearing Frame Only

	List	(lbs)
P/N 0500 (3/8" Keyed Shaft on Pump Side and 5/8" Keyed Shaft on Drive Side).....	\$ 494	4

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly

	List	(lbs)
Base plate (Motor and Power Frame not included in this price).....	CF	62

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units

Motor Pricing: (AC Electric Motor) Standard Motor - **NEMA 42C Footed** (Only frame size available)

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/8	-	CF	-	CF	-	\$597	1608	-	CF	16	-	CF	\$1,366	1609	22

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$635	1438+	-	CF	23	\$394	1439+	\$332	1440+	21	-	CF	\$1,303	1442+	29
1/2	-	CF	-	CF	-	-	CF	-	CF	-	\$1,084	1441+	-	CF	36

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

CF - Contact Factory before quoting.

VFD (Variable Frequency Drive): see details on page 57

Air Motors:

	List	(lbs)
1AM Air Motor P/N 1434GT (Delivers up to 0.45 HP).....	CF	15

Horizontal Repair Kits:

	List
LT25SF, AB (P/N 0725) Syn. Fiber Gasket, Shaft w/Setscrews	\$ 126
LT25SS (P/N 0726) Teflon Gasket, Shaft w/Setscrews	\$ 133

Note: Seal must be ordered separately in addition to the repair kit.

Special Assembly Tools:

Used for repairs

	List
P/N 1026 Allen wrench for Type 9 Seal Assembly.....	\$ 4

Close-Coupled Pump

Maximum Impeller Diameter: **3.75"**

Standard Motor: **NEMA 56J Footless**

Standard Mechanical Seal: **Single, 5/8" Type 6A** Buna Elastomer, Carbon Washer vs Ceramic Seat (P/N 0538)

Horizontal End Suction:		Pump End Only - Includes full size Impeller, standard Buna Mechanical Seal			
List Prices		AI	BF	AB	lbs
F50 (1/2" x 3/4" x 3-3/4")		\$ 968	\$ 973	\$ 1,252	9
F75 (3/4" x 1" x 3-3/4")		\$ 1,046	\$ 1,065	\$ 1,346	10
F95 (1" x 1-1/4" x 3-3/4")		CF*	CF*	CF*	10
Trimmed impeller adder (any size other than full-size, 1/8" increments).....				\$ 48	
<i>*Review any applications for F95 pumps with factory to confirm energy compliance before quoting</i>					

Single Mechanical Seal Options:

Standard Mechanical Seal: **5/8" Single, Type 6A** Buna(1) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N 0538)

Numbers in () are the BOM/Model number codes

		List
Type 6A	Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 73
	Ni-Resist(2) Seat in place of Ceramic Seat.....	\$ 91
Type 9	Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic-Kalrez®(5) O-ring Seat (inc. P/N 0850 cage).....	\$ 1,020
Type 21	Buna(1), Viton®(2), Neoprene(4) or EPR(5) Elast., Carbon(1) Washer vs. Ceramic(1) Seat (inc. P/N 0850 cage).....	\$ 411
	Silicon Carbide(6) Washer.....	\$ 209
	Ni-Resist(2) Seat.....	\$ 105
	Silicon Carbide(6) Seat.....	\$ 173

NOTE: Contact factory for price and availability for other seal face options.

Flush / Quench: (No Flush or Quench Options available for the F-Series Pumps.)

Frame Mounting Option: Bearing Frame Only

P/N 5479 (5/8" Threaded Shaft on Pump side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 1,073	(lbs) 20
---	----------	-------------

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)

Base plate (Motor and Power Frame not included in this price).....	\$ 1,966	75
---	----------	----

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units

Motor Pricing: (AC Electric Motor) Standard Motor - **NEMA 56J Footless** (Air Motor Not Available)

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$757	3885	-	CF	15	\$977	1306	\$794	3563	19	-	CF	-	CF	-
1/2	\$845	3707	\$839	3708	14	\$903	3740	\$935	1283	22	-	CF	-	CF	-
3/4	\$1,075	3887	\$965	3888	17	\$1,255	1420	-	CF	28	-	CF	-	CF	-

Motor Pricing Continued:

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$788	1301	\$1,362	1305	15	\$723	1715	\$793	1717	19	-	CF	-	CF	-
1/2	\$487	3768+	\$606	1313	14	\$709	1311	\$515	1315+	22	\$1,787	1312	-	CF	37
3/4	\$483	2244+	\$519	1320+	17	\$832	1318	\$810	1322	28	\$1,937	3817	-	CF	-
1	\$731	1324+	\$804	1327	21	\$871	1325	\$992	1329	29	\$2,059	3758	\$3,216	1330	-
1-1/2	\$1,005	1331	\$840	1334	27	\$1,183	1332	\$721	1336+	35	\$2,795	3500	\$3,378	1362	53
2	\$1,195	1338	\$1,094	1341	34	\$1,262	1339	\$831	1343+	45	\$3,357	3392	\$3,876	1349	60

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

CF - Contact Factory before quoting

VFD (Variable Frequency Drive): see details on page 59

Repair Kits: (AI, BF, AB)

F50, F75, F95 P/N 0656 Vegetable Fiber Gasket and Slinger..... \$ 27

Note: Seal must be ordered separately in addition to repair kit.

Close-Coupled Pump

Maximum Impeller Diameter: **6.00"**

Standard Motor: **NEMA 56J Footless**

Standard Mechanical Seal:

NN, CN, CS, BN, BS, KN, KS - Single, 5/8" Type 6 Buna Elastomer, Carbon Washer vs. Ceramic Seal (P/N 0118)

AB, SC, SS - Single, 5/8" Type 21 Viton® Elastomer, Carbon Washer vs. Ceramic Seal (P/N 0553)

Horizontal End Suction: Pump End Only - Includes full size Impeller, and standard Mechanical Seal

List Prices

HP75 (3/4" x 3/4" x 6") End Bell Gasket Design

Includes: **Cast Iron Bracket, EPR End Bell Gasket**
CPVC Impeller, and standard Buna Mechanical Seal \$ **961** \$ **1,153** **CF** 18

Full-size 316 SS Impeller adder (change model designation to CS, BS or KS)..... \$ **342**

HP75 (3/4" x 3/4" x 6") O-Ring Design

Includes: **316SS or AB Bracket & Volute**
Viton® O-ring, and standard Viton® Mechanical Seal \$ **1,278** \$ **1,470** \$ **1,839** 18

HP100 (1" x 1" x 6") O-Ring Design

316SS or AB Bracket & Volute
Viton® O-ring, and standard Viton® Mechanical Seal..... \$ **1,383** \$ **1,570** \$ **1,901** 18

CPVC Trimmed impeller adder (any size other than full-size, 1/8" increments)..... \$ **48**
316SS/Bronze Trimmed impeller adder (any size other than full-size, 1/8" increments)..... \$ **65**

Single Mechanical Seal Options:

Standard Mechanical Seal:

CN, CS, BN, BS, KN, KS - Single, 5/8" Type 6 Buna(1) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N 0118)

NOTE: T.6 Seal not available for O-Ring Design pumps (SC, SS, & AB)

AB, SC, SS - Single, 5/8" Type 21 Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N 0553)

Numbers in () are the BOM/Model number codes

Type 6 Buna(1) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (Std. for **NN, CN, CS, BN, BS, KN, & KS** Pumps) No Charge

Ni-Resist(2) Seat in place of Ceramic Seat..... \$ **89**
Type 21 Advantage Viton®(2) or EPR(5) Elastomer, GL Silicon Carbide(8) Washer vs. GL Silicon Carbide(8) Seat..... \$ **227**
Type 21 Buna(1), Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat

For **SS, SC, & AB** Pumps..... No Charge

For **NN, CN, CS, BN, BS, KN, & KS** Pumps..... \$ **73**

Type 21 - Washer adders:

Tungsten Carbide(4) Washer..... \$ **679**
9031 Chemical Carbon(5) Washer..... \$ **177**
Silicon Carbide(6) Washer..... \$ **210**
9055 Severe Duty Carbon(7) Washer..... \$ **174**

Type 21 - Seat adders:

Ni-Resist(2) Seat.....	\$	105
Tungsten Carbide(4) Seat.....	\$	572
Silicon Carbide(6) Seat.....	\$	173

Type 9 Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic/Kalrez® O-Ring(5) Seat \$ 777

(Type 9 Seal for SS, SC, & AB pumps only. Must have stainless steel shaft.)

Type 9 - Washer adders:

Glass-Filled Teflon®(2) Washer and Wedges.....	\$	431
9031 Chemical Carbon(5) Washer.....	\$	332
Silicon Carbide(6) Washer.....	\$	722
9055 Severe Duty Carbon(7) Washer.....	\$	412
7250 Extreme Duty Carbon(9) Washer.....	\$	393

Type 9 - Seat adders:

Ni-Resist(2) O-ring Seat.....	\$	295
Tungsten Carbide(4) O-ring Seat.....	\$	558
Silicon Carbide(6) O-ring Seat.....	\$	337

Type 8 Viton®(2) Elastomer, Carbon(1) Washer vs. Silicon Carbide(6) Seat (PN 2394-PU) \$ 555

Kalrez®(6) Elastomer, Carbon(1) Washer vs. Silicon Carbide(6) Seat (P/N 2336) \$ 2,925

(Type 8 Seal is available for SS, SC & AB pumps Only. Must have stainless steel shaft.)

NOTE: Double Seals are not available for the HP pump. For other Seal Face Options Contact Factory for price and availability.

Quench: (No Quench option available for the HP75/100)

Flush Option: (Only available on SS, SC, & AB pumps)

Tap and Plug for 1/8" NPT Connections (F).....	\$	172
External - Recirculating Flush Line (316SS Fittings & Tubing Supplied, and Installed) (R).....	\$	609
Additional Cooling Option (Price added to External recirculation flush): Adds additional cooling loops to recirculation line (A).....	\$	282

Frame Mounting Option: Bearing Frame Only

	List	(lbs)
P/N # 5479 (5/8" Threaded Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side)	\$ 1,073	20

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)

Base plate (Motor and Power Frame not included in this price)..... \$ 1,966 20

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units

Motor Pricing: (AC Electric Motor) Standard Motor - **NEMA 56J Footless** (Air Motor Not Available)

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$757	3885	-	CF	15	\$977	1306	\$794	3563	19	-	CF	-	CF	-
1/2	\$845	3707	\$839	3708	14	\$903	3740	\$935	1283	22	-	CF	-	CF	-
3/4	\$1,075	3887	\$965	3888	17	\$1,255	1420	-	CF	28	-	CF	-	CF	-

Motor Pricing Continued:

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$788	1301	\$1,362	1305	15	\$723	1715	\$793	1717	19	-	CF	-	CF	-
1/2	\$487	3768+	\$606	1313	14	\$709	1311	\$515	1315+	22	\$1,787	1312	-	CF	37
3/4	\$483	2244+	\$519	1320+	17	\$832	1318	\$810	1322	28	\$1,937	3817	-	CF	-
1	\$731	1324+	\$804	1327	21	\$871	1325	\$992	1329	29	\$2,059	3758	\$3,216	1330	-
1-1/2	\$1,005	1331	\$840	1334	27	\$1,183	1332	\$721	1336+	35	\$2,795	3500	\$3,378	1362	53
2	\$1,195	1338	\$1,094	1341	34	\$1,262	1339	\$831	1343+	45	\$3,357	3392	\$3,876	1349	60
3	-	CF	\$1,295	1346	42	-	CF	\$1,472	1348	50	-	CF	-	CF	-
5	-	CF	\$2,838	1355	52	-	CF	-	CF	-	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

CF - Contact Factory before quoting.

VFD (Variable Frequency Drive): see details on page 59

Repair Kits:

CN, BN, KN pumps

	List
P/N 0661 6.00" CPVC Imp., EPR Gasket, and Slinger	\$ 264
P/N 0661-1 5.75" CPVC Imp., EPR Gasket, and Slinger	\$ 312
P/N 0661-2 5.50" CPVC Imp., EPR Gasket, and Slinger	\$ 312
P/N 0661-3 5.25" CPVC Imp., EPR Gasket, and Slinger	\$ 312
P/N 0661-4 5.00" CPVC Imp., EPR Gasket, and Slinger	\$ 312
P/N 0661-7 4.75" CPVC Imp., EPR Gasket, and Slinger	\$ 312
P/N 0661-5 4.50" CPVC Imp., EPR Gasket, and Slinger	\$ 312
P/N 0661-6 4.25" CPVC Imp., EPR Gasket, and Slinger	\$ 312
P/N 0661-8 4.00" CPVC Imp., EPR Gasket, and Slinger	\$ 312

SC pumps

P/N 0661SC 6.00" CPVC Imp., Viton® O-Ring, and Slinger	\$ 212
P/N 0661SC-1 5.75" CPVC Imp., Viton® O-Ring, and Slinger	\$ 261
P/N 0661SC-2 5.50" CPVC Imp., Viton® O-Ring, and Slinger	\$ 261
P/N 0661SC-3 5.25" CPVC Imp., Viton® O-Ring, and Slinger	\$ 261
P/N 0661SC-4 5.00" CPVC Imp., Viton® O-Ring, and Slinger	\$ 261
P/N 0661SC-7 4.75" CPVC Imp., Viton® O-Ring, and Slinger	\$ 261
P/N 0661SC-5 4.50" CPVC Imp., Viton® O-Ring, and Slinger	\$ 261
P/N 0661SC-6 4.25" CPVC Imp., Viton® O-Ring, and Slinger	\$ 261
P/N 0661SC-8 4.00" CPVC Imp., Viton® O-Ring, and Slinger	\$ 261

Note: Seal must be ordered separately in addition to repair kit.

REPAIR KITS ARE NOT AVAILABLE FOR SS PUMPS.

Special Assembly Tools:

Used for repairs

	List
P/N 1026 Allen wrench for Type 9 Seal Assembly.....	\$ 4

Close-Coupled Pump

Maximum Impeller Diameter: **OH75CP 6.12", OH75PF 6.03"**

Standard Motor: **NEMA 56C Footless**

Standard Mechanical Seal: **Single, 1" Type 36, Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 8302-211)**
Horizontal End Suction: Pump End Only - Includes full-size impeller, Viton® O-ring & standard Viton® Mechanical Seal

List Prices	PF (PVDF)	CP (CPVC)	(lbs)
OH75 (OH75CP 3/4" x 1" x 6.12", OH75PF 3/4" x 1" x 6.03")	\$ 2,518	\$ 983	9
Trimmed impeller adder (any size other than full-size, 1/8" increments).....		\$ 48	

Mechanical Seal Options:

Standard Mechanical Seal:

Single, 1" Type 36, Viton® (2) Elastomer, Carbon (1) Washer vs. Ceramic (1) Seat (Non-Metallic Seal)
Number in () are the BOM/Model number codes
List

Type 36	EPR (5) Elastomer, Carbon (1) Washer vs Ceramic (1) Seat (Non-Metallic Seal)	No Charge
	Ni Resist (2) Seat in place of Ceramic Seat (Non-Metallic Seal)	\$ 296
Type 36	Viton® (2) Elastomer, GL Silicon Carbide (8) Washer vs. GL Silicon Carbide (8) Seat (Non-Metallic Seal)	\$ 365
Type 21	Viton® (2) or EPR (5) Elastomer, Carbon (1) Washer vs. Ceramic (1) Seat	No Charge
	Silicon Carbide (6) Washer in place of standard Carbon washer	\$ 344
	Silicon Carbide (6) Seat in place of standard Ceramic seat	\$ 325
	Ni Resist (2) Seat in place of Ceramic Seat (Non Metallic Seal)	\$ 296
Type 21 Advantage	Viton® (2) or EPR (5) Elastomer, GL Silison Carbide (8) Washer vs. GL Silison Carbide (8) Seat	\$ 291
Type 6 Advantage	EPR (5) Elastomer, GL Silison Carbide (8) Washer vs. GL Silison Carbide (8) Seat	\$ 200

** For other Seal Face Options - Contact Factory for price and availability.*

Flush Options:

Tap and plug for 1/8" NPT connections (F)	\$ 173
External - Recirculating flush line (316SS fittings & tubing, and flush taps supplied. Must be plumbed to discharge pipe.) (R).....	\$ 674
Internal - Recirculating flush line (L)	\$ 227

Quench: (No Quench option available for the OH75)

Frame Mounting Option: Bearing Frame Only

	List	(lbs)
P/N 5478 (5/8" Keyed Shaft on pump side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 518	20

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)	List	
Base plate (Motor and Power Frame not included in this price)	\$ 1,966	62

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units

Motor pricing begins on next page

Motor Pricing: (AC Electric Motor) Standard Motor - **NEMA 56C Footless**

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	\$867	1201	\$984	1204	20	\$801	1202	\$696	1206	19	\$1,559	3883	\$1,365	3884	25
1/3	\$1,041	1208	\$975	1211	22	\$831	1209	\$776	1213	22	\$1,593	1210	\$1,564	1214	28
1/2	\$1,160	1612	\$1,041	1637	24	\$971	1614	\$852	1601	23	\$1,759	1664	\$1,623	1638	30
3/4	\$1,369	1613	\$1,244	1697	33	\$1,102	1683	\$985	1217	25	\$1,960	1656	\$1,852	1639	33
1	\$1,516	3636	\$1,308	3881	37	\$1,263	1684	\$1,034	3806+	31	\$2,226	3882	\$3,131	1640	45

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$1,024	1218	\$887	1221	20	\$688	1219	\$762	1689	20	-	CF	-	CF	-
1/2	\$594	3769+	\$1,104	1228	19	\$754	1226	\$687	1230	19	\$1,535	1227	\$1,775	1231	26
3/4	\$780	1232	\$1,100	1235	21	\$871	1233	\$651	1237	21	\$1,643	1234	\$1,845	1238	29
1	\$845	3757	\$1,131	1242	32	\$975	1240	\$802	1244+	35	\$1,759	1241	\$2,917	1245	31
1-1/2	\$1,121	1246	\$1,160	1249	34	\$1,065	1247	\$786	1251+	35	\$2,412	1248	\$1,652	1252+	53
2	\$1,345	1253	\$1,466	1256	43	\$1,268	1254	\$966	1258+	43	\$1,405	2342	\$1,441	1259+	60
3	CF	1260	\$1,401	1261	50	\$1,856	3366	\$885	1263+	58	-	CF	\$2,007	3349+	60

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

CF - Contact Factory before quoting.

VFD (Variable Frequency Drive): see details on page 59

Close-Coupled Pump

Maximum Impeller Diameter: **5.12"**

Standard Motor: **NEMA 56C Footless**

Standard Mechanical Seal: **Single, 1" Type 36**, EPR Elastomer, Carbon Washer vs. Ceramic Seat (P/N 8302-511)

Horizontal End Suction: Pump End Only - Includes full-size impeller, Viton® O-ring & standard Viton® Mechanical Seal

List Prices	RP75 (NN)	(lbs)
RP75 (RP75NN 3/4" x 3/4" x 5.12")	\$ 732	9
Trimmed impeller adder (any size other than full-size, 1/8" increments).....	\$ 48	

Mechanical Seal Options:

Standard Mechanical Seal:

Single, 1" Type 36, EPR (5) Elastomer, Carbon (1) Washer vs. Ceramic (1) Seat (Non-Metallic Seal)

Number in () are the BOM/Model number codes

List

Type 36	Viton® (2) Elastomer, Carbon (1) Washer vs Ceramic (1) Seat (Non-Metallic Seal).....	No Charge
	Ni Resist (2) Seat in place of Ceramic Seat (Non-Metallic Seal).....	\$ 296
Type 36	Viton® (2) Elastomer, GL Silicon Carbide (8) Washer vs. GL Silicon Carbide (8) Seat (Non-Metallic Seal)	\$ 365
Type 21	Viton® (2) or EPR (5) Elastomer, Carbon (1) Washer vs. Ceramic (1) Seat	No Charge
	Silicon Carbide (6) Washer in place of standard Carbon washer	\$ 344
	Silicon Carbide (6) Seat in place of standard Ceramic seat	\$ 325
	Ni Resist (2) Seat in place of Ceramic Seat (Non Metallic Seal).....	\$ 296
Type 21 Advantage	Viton® (2) or EPR (5) Elastomer, GL Silison Carbide (8) Washer vs. GL Silison Carbide (8) Seat.....	\$ 291
Type 6 Advantage	EPR (5) Elastomer, GL Silison Carbide (8) Washer vs. GL Silison Carbide (8) Seat.....	\$ 200

** For other Seal Face Options - Contact Factory for price and availability.*

Flush Options:

Tap and plug for 1/8" NPT connections (F)	\$ 173
External - Recirculating flush line (316SS fittings & tubing, and flush taps supplied. Must be plumbed to discharge pipe.) (R).....	\$ 674
Internal - Recirculating flush line (L)	\$ 227

Quench: (No Quench option available for the RP75)

Frame Mounting Option: Bearing Frame Only

	List	(lbs)
P/N 5478 (5/8" Keyed Shaft on pump side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 518	20

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)	List	
Base plate (Motor and Power Frame not included in this price)	\$ 1,966	62

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units
Motor pricing begins on next page

Motor Pricing: (AC Electric Motor) Standard Motor - **NEMA 56C Footless**

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	\$867	1201	\$984	1204	20	\$801	1202	\$696	1206	19	\$1,559	3883	\$1,365	3884	25
1/3	\$1,041	1208	\$975	1211	22	\$831	1209	\$776	1213	22	\$1,593	1210	\$1,564	1214	28
1/2	\$1,160	1612	\$1,041	1637	24	\$971	1614	\$852	1601	23	\$1,759	1664	\$1,623	1638	30
3/4	\$1,369	1613	\$1,244	1697	33	\$1,102	1683	\$985	1217	25	\$1,960	1656	\$1,852	1639	33
1	\$1,516	3636	\$1,308	3881	37	\$1,263	1684	\$1,034	3806+	31	\$2,226	3882	\$3,131	1640	45

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$1,024	1218	\$887	1221	20	\$688	1219	\$762	1689	20	-	CF	-	CF	-
1/2	\$594	3769+	\$1,104	1228	19	\$754	1226	\$687	1230	19	\$1,535	1227	\$1,775	1231	26
3/4	\$780	1232	\$1,100	1235	21	\$871	1233	\$651	1237	21	\$1,643	1234	\$1,845	1238	29
1	\$845	3757	\$1,131	1242	32	\$975	1240	\$802	1244+	35	\$1,759	1241	\$2,917	1245	31
1-1/2	\$1,121	1246	\$1,160	1249	34	\$1,065	1247	\$786	1251+	35	\$2,412	1248	\$1,652	1252+	53
2	\$1,345	1253	\$1,466	1256	43	\$1,268	1254	\$966	1258+	43	\$1,405	2342	\$1,441	1259+	60
3	CF	1260	\$1,401	1261	50	\$1,856	3366	\$885	1263+	58	-	CF	\$2,007	3349+	60

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

CF - Contact Factory before quoting.

VFD (Variable Frequency Drive): see details on page 59

Close-Coupled Pump

Maximum Impeller Diameter: 4.12"

Standard Motor: NEMA 56C Footless

Standard Mechanical Seal: Single, 5/8" Type 21 Viton® Elastomer, Carbon Washer vs Ceramic Seat (P/N 0553)

Standard Bushings: Carbon

Standard O-Rings: Viton®

Horizontal End Suction: Pump End Only - Includes full size Impeller, and standard Viton® Mechanical Seal		
MS50SS Multi-Stage Available in 316 Stainless Steel Only		
	List	(lbs)
1MS50SS (1/2" x 3/4" x 4")	\$ 1,864	33
2MS50SS (1/2" x 3/4" x 4")	\$ 2,612	36
3MS50SS (1/2" x 3/4" x 4")	\$ 3,303	36
4MS50SS (1/2" x 3/4" x 4")	\$ 4,372	36
5MS50SS (1/2" x 3/4" x 4")	\$ 5,492	36
6MS50SS (1/2" x 3/4" x 4")	\$ 6,436	36

Single Mechanical Seal Options:

Standard Mechanical Seal: Single, 5/8" Type 21, Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat

Number in () are the BOM/Model number codes

		List
Type 21	Buna(1), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat	No Charge
	<u>Type 21 - Washer adders:</u>	
	Tungsten Carbide(4) Washer.....	\$ 698
	9031 Chemical Carbon(5) Washer.....	\$ 177
	Silicon Carbide(6) Washer.....	\$ 209
	9055 Severe Duty Carbon(7) Washer.....	\$ 172
	<u>Type 21 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 105
	Tungsten Carbide(4) Seat.....	\$ 574
	Silicon Carbide(6) Seat.....	\$ 173
Advantage Type 21		
	Viton®(2) or EPR (5) Elastomer, GL Silicon Carbide(8) Washer vs. GL Silicon Carbide(8) Seat.....	\$ 194
Type 9	Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic-Kalrez®(5) O-Ring Seat.....	\$ 801
	See Teflon® O-ring adder for pricing on next page	
	<u>Type 9 - Washer adders:</u>	
	Glass-Filled Teflon®(2) Washer & Wedges.....	\$ 431
	9031 Chemical Carbon(5) Washer.....	\$ 332
	Silicon Carbide(6) Washer.....	\$ 722
	9055 Severe Duty Carbon(7) Washer.....	\$ 412
	7250 Extreme Duty Carbon(9) Washer.....	\$ 393
	<u>Type 9 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 295
	Tungsten Carbide(4) O-ring Seat.....	\$ 558
	Silicon Carbide(6) O-ring Seat.....	\$ 337
Type 8	Viton®(2) Elastomer / Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$ 555
	Kalrez®(6) Elastomer / Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$ 2,925

NOTE: Contact factory for price and availability for other seal face options.

Quench with Viton® Lip Seal:

Includes 2 tapped connections and oil cup..... \$ 624

Flush Options:

Tap and plug for 1/8" NPT connections (F) \$ 193

External - Recirculating flush line (R) \$ 638

(316SS fittings & tubing, and flush taps supplied. Must be plumbed to discharge pipe.)

Other Options: (Standard Bushing is Carbon Graphite)

Glass Filled Teflon® Bushing (Requires 1 per stage less 1, i.e. 4 stage needs 3 Bushings) \$ 227

Teflon® O-rings (Requires 1 per stage plus 1 extra for Volute) **Adder per O-ring** \$ 91

Shaft Adder, 7/8": For use on 143TC, 145TC, 182C & 184C Frame Motors_(E)

2MS, 3MS \$ 240

4MS \$ 259

5MS \$ 289

6MS \$ 382

Double Mechanical Seal Options:

Price include two drilled and tapped 1/8" NPT connections in bracket.

List

Type 21 Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat..... \$ 792

Both seal ends provided. Seal face adders below are priced for product side only.

Type 21 - Washer adder each:

Tungsten Carbide(4) Washer..... \$ 698

9031 Chemical Carbon(5) Washer..... \$ 177

Silicon Carbide(6) Washer..... \$ 209

9055 Severe Duty Carbon(7) Washer..... \$ 172

Type 21 - Seat adders each:

Ni-Resist(2) Seat..... \$ 148

Tungsten Carbide(4) Seat..... \$ 607

Silicon Carbide(6) Seat..... \$ 304

Note: Contact factory for price and availability for other seal face options.

Frame Mounting Option: Bearing Frame Only

List

(lbs)

P/N 5478 (5/8" Keyed Shaft on Pump Side and 1-1/8" on Drive Side)..... \$ 518 20

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)

Base plate (Motor and Power Frame not included in this price)..... \$ 1,966 75

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units.

Motor Pricing: (AC Electric and Air Motor) Standard Motor - NEMA 56C Footless

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List	P/N	List	P/N	Wt (lbs)	List	P/N	List	P/N	Wt (lbs)	List	P/N	List	P/N	Wt (lbs)
HP	1/60	P/N	3/60	P/N		1/60	P/N	3/60	P/N		1/60	P/N	3/60	P/N	
1/4	\$867	1201	\$984	1204	20	\$801	1202	\$696	1206	19	\$1,559	3883	\$1,365	3884	25
1/3	\$1,041	1208	\$975	1211	22	\$831	1209	\$776	1213	22	\$1,593	1210	\$1,564	1214	28
1/2	\$1,160	1612	\$1,041	1637	24	\$971	1614	\$852	1601	23	\$1,759	1664	\$1,623	1638	30
3/4	\$1,369	1613	\$1,244	1697	33	\$1,102	1683	\$985	1217	25	\$1,960	1656	\$1,852	1639	33
1	\$1,516	3636	\$1,308	3881	37	\$1,263	1684	\$1,034	3806+	31	\$2,226	3882	\$3,131	1640	45

Motor Pricing Continued:

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$1,024	1218	\$887	1221	20	\$688	1219	\$762	1689	20	-	CF	-	CF	-
1/2	\$594	3769+	\$1,104	1228	19	\$754	1226	\$687	1230	19	\$1,535	1227	\$1,775	1231	26
3/4	\$780	1232	\$1,100	1235	21	\$871	1233	\$651	1237	21	\$1,643	1234	\$1,845	1238	29
1	\$845	3757	\$1,131	1242	32	\$975	1240	\$802	1244+	35	\$1,759	1241	\$2,917	1245	31
1-1/2	\$1,121	1246	\$1,160	1249	34	\$1,065	1247	\$786	1251+	35	\$2,412	1248	\$1,652	1252+	53
2	\$1,345	1253	\$1,466	1256	48	\$1,268	1254	\$966	1258+	43	\$1,405	2342	\$1,441	1259+	60
3	CF	1260	\$1,401	1261	50	\$1,856	3366	\$885	1263+	58	-	CF	\$2,007	3349+	60
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Uses 182C/184C footed motor and 7/8" bore shaft (see shaft adder) (E)

CF - Contact Factory before quoting

VFD (Variable Frequency Drive): see details on page 59
Air Motors:
Note: 3000 RPM Maximum unless otherwise noted.

	List	(lbs)
2AM Air Motor P/N 1435GT (Delivers up to 0.93 HP)	CF	15
4AM Air Motor P/N 1452GT (Delivers up to 1.7 HP)	CF	12
6AM Air Motor P/N 1502GT (Delivers up to 4 HP)	CF	24
8AM Air Motor P/N 1504GT (Delivers up to 5 HP, 2500 RPM Maximum. Requires 7/8" Stub Shaft)	CF	28

Repair Kits:

(Standard horizontal 5/8" Stub Shaft and 7/8" Stub Shaft noted with "-78" in the P/N.)

	List
P/N 3101 1 Stage - Impeller Setscrews (2 each), Shaft w/Setscrews, & Slinger.....	\$ 162
P/N 3102 2 Stage - Carbon Graphite Bushing (1 each), Impeller Setscrews (4 each), Shaft w/Setscrews, & Slinger.....	\$ 246
P/N 3103 3 Stage - Carbon Graphite Bushing (2 each), Impeller Setscrews (6 each), Shaft w/Setscrews, & Slinger.....	\$ 382
P/N 3104 4 Stage - Carbon Graphite Bushing (3 each), Impeller Setscrews (8 each), Shaft w/Setscrews, & Slinger.....	\$ 487
P/N 3105 5 Stage - Carbon Graphite Bushing (4 each), Impeller Setscrews (10 each), Shaft w/Setscrews, & Slinger.....	\$ 559
P/N 3105-78 5 Stage - Carbon Graphite Bushing (4 each), Impeller Setscrews (10 each), Shaft w/Setscrews, & Slinger.....	\$ 582
P/N 3106 6 Stage - Carbon Graphite Bushing (5 each), Impeller Setscrews (12 each), Shaft w/Setscrews, & Slinger.....	\$ 660
P/N 3106-78 6 Stage - Carbon Graphite Bushing (5 each), Impeller Setscrews (12 each), Shaft w/Setscrews, & Slinger.....	\$ 698
P/N 3070 O-ring Viton® (Standard) (Requires 1 per stage plus 1 extra).....	\$ 7
P/N 3071 O-ring Teflon® (Requires 1 per stage plus 1 extra).....	\$ 36
P/N 3072 O-ring Neoprene (Requires 1 per stage plus 1 extra).....	\$ 22
P/N 3073 O-ring EPR (Requires 1 per stage plus 1 extra).....	\$ 4
P/N 3074 O-ring Buna (Requires 1 per stage plus 1 extra).....	\$ 4

Note: Seal and O-Ring must be ordered separately in addition to repair kit.
Special Assembly Tools:
Used for repairs

	List
P/N 1026 Allen Wrench for Type 9 Seal Assembly.....	\$ 4
P/N 3090 Setting Tool for MS50SS Impeller	\$ 668
P/N 3095 Setting Plate MS50SS	\$ 588
P/N 3096 Allen Wrench MS50SS Assembly Kit	\$ 5
P/N 3099 Assembly Kit MS50SS Contains:	
P/N 3090, 3095, 3096 and Bolts for 1-6 Stage Assembly / Instructions	\$ 1,080

Note: CF = Contact Factory

Close-Coupled Pump

Maximum Impeller Diameter: **4.94"**

Standard Motor: **NEMA 56C Footless** (Except As Noted)

Standard Footed Bracket: P/N 2426 **(AI, BF, SF)** and P/N 3701 **(AB)** Pumps

Standard Footless 316SS Bracket: P/N 0972 **(SS)** Pumps

Standard Mechanical Seal: **Single, 5/8"**
(AI, BF, SF, AB): Type 6A Buna Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0538)

(SS): Type 21 Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0553)

(HC): Type 09 Teflon® Elastomer, Carbon Washer vs. Ceramic/Kalrez® Seat (P/N 0682)

Horizontal End Suction: Pump End Only - Includes full-size Impeller, and standard Mechanical Seal

List Prices	AI	BF	SF	AB	SS	HC	(lbs)
CD100 (1" x 1-1/4" x 4.94").....	\$ 679	\$ 898	\$ 1,006	\$ 1,843	\$ 2,334	CF	20
CD150 (1-1/2" x 2" x 4.94").....	\$ 886	\$ 1,065	\$ 1,179	\$ 2,192	\$ 2,890	N/A	29

Trimmed impeller adder (any size other than full-size, 1/8" increments)..... \$ 48

Optional Footless Bracket P/N 2428 **(AI, BF & SF)**, P/N 3702 **(AB)** Pumps No Charge

For use with 7/8" Shaft 143TC, 145TC, 182C and 184C Frame Motors, and when attaching pump to a Power Frame.

7/8" Shaft Options on Horizontal Pumps (Vertical shaft options are in the vertical section) (E)

For use on 143-145TC and 182-184C motors. (316 SS)..... \$ 179

For use on 143-145TC and 182-184C motors. (Hastelloy C)..... CF

Vertical Immersion Sealless: Pump End Only - Includes full-size Impeller, std Bushing (SS Column), & std 13" Column

List Prices	AI	BF	SF	SS	(lbs)
CD100V (1" x 1-1/4" x 4.94").....	\$ 1,102	\$ 1,579	\$ 1,448	\$ 3,505	25
CD150V (1-1/2" x 2" x 4.94").....	\$ 1,212	\$ 1,643	\$ 1,747	\$ 4,284	33

Trimmed impeller adder (any size other than full-size, 1/8" increments)..... \$ 48

Volute O-ring is standard on all CD150 models and optional for CD100AI, BF, SF, SS and HC models.

Cast Iron / Carbon Steel Column List Adders:

	AI/BF/SF	(lbs)
13" Cast Iron Column (3) P/N 0395-5.....	STD	2
20" Carbon Steel Column (4) P/N 3373-20.....	\$ 976	3
32" Carbon Steel Column (5) P/N 3373-32.....	\$ 1,068	9
44" Carbon Steel Column (6) P/N 3373-44.....	\$ 1,241	15

316 SS Column List Adders:

	SS	(lbs)
6-1/2" 316 SS Column (1) P/N 0468.....	No Adder	-
13" 316 SS Column (3) P/N 0467.....	STD	2
20" 316 SS Column (4) P/N 0466.....	\$ 159	3
32" 316 SS Column (5) P/N 0472.....	\$ 357	9
44" 316 SS Column (6) P/N 0469.....	\$ 708	15

Mounting Plate Adders:

		List	
Carbon Steel Plate (P/N 0903)	(Fits Cast Iron 13" & Stainless Steel 6.6", 13", 20", 32" & 44" Columns).....	\$ 515	12
Carbon Steel Plate (P/N 0903-1)	(Fits Carbon Steel 20", 32" and 44" Columns).....	\$ 519	12
Stainless Steel Plate (P/N 0904)	(Fits Cast Iron 13" & Stainless Steel 6.6", 13", 20", 32" & 44" Columns).....	\$ 1,018	14

Note: CF - Call Factory

Fume Barrier Adders:

	Shaft Sizes	
	5/8"	7/8"
Viton® Fume Barrier (2) P/N 0875, P/N 0877.....	\$ 88	\$ 108
Teflon® Fume Barrier (3) P/N 0876, P/N 0878.....	\$ 464	\$ 474

Vertical Bushing Adders: (Carbon Graphite Bushing Standard in Carbon Steel & 316 SS Columns)

Note: Composite Bushing is Standard in a 13" Cast Iron Column.

	List
Modification to 13" Cast Iron Column for use with bushing.....	\$ 443
Glass Filled Teflon Bushing (2) (P/N 1135).....	\$ 206
Alpha Silicon Carbide Bushing (6) (P/N 0616) <i>Note: Requires Tungsten Carbide Coated Shaft</i>	\$ 716
<i>Tungsten Carbide Coated Shaft (Contact Factory for Lead Time)</i>	\$1,007
Cutless Nitrile Rubber (P/N 2165) <i>Note: Requires Hard Chrome Shaft</i>	\$ 299
<i>Hard Chrome Coated Shaft (Contact Factory for Lead Time)</i>	\$1,007

Note: Contact Factory for EPR Cutless Rubber Pricing.

Vertical 7/8" Shaft Options Adders:

7/8" 316SS Shaft For Use on 143TC, 145TC, 182C & 184C Frame Motors (E)

Adder for 7/8" shaft to fit 6-1/2" column.....	CF
Adder for 7/8" shaft to fit 13" column.....	\$ 346
Adder for 7/8" shaft to fit 20" column.....	\$ 383
Adder for 7/8" shaft to fit 32" column.....	\$ 617
Adder for 7/8" shaft to fit 44" column.....	\$ 798
For Hastelloy C 7/8" Vertical shafts.....	CF

Single Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Standard Mechanical Seal: **Single, 5/8"**

(AI, BF, SF, AB): Type 6A Buna**(1)** Elastomer, Carbon**(1)** Washer vs. Ceramic**(1)** Seat (P/N 0538)

(SS): Type 21 Viton®**(2)** Elastomer, Carbon**(1)** Washer vs. Ceramic**(1)** Seat (P/N 0553)

(HC): Type 09 Teflon®**(3)** Elastomer, Carbon**(1)** Washer vs. Ceramic/Kalrez®**(5)** Seat (P/N 0682)

Number in () are the BOM/Model number codes

	List
Type 6A Viton® (2) , Neoprene (4) or EPR (5) Elastomer, Carbon (1) Washer vs. Ceramic (1) Seat.....	\$ 73
Adder for Ni-Resist (2) Seat.....	\$ 91

Type 6A seal not available for SS pumps

Advantage Type 21

Viton® (2) or EPR (5) , GL Silicon Carbide (8) Washer vs. GL Silicon Carbide (8) Seat.....	\$ 194
--	--------

Type 21	Buna(1), Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 73
	No adder for SS pumps	
	<u>Type 21 - Washer adders:</u>	
	Tungsten Carbide(4) Washer.....	\$ 698
	9031 Chemical Carbon(5) Washer.....	\$ 177
	Silicon Carbide(6) Washer.....	\$ 209
	9055 Severe Duty Carbon(7) Washer.....	\$ 172
	<u>Type 21 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 105
	Tungsten Carbide(4) Seat.....	\$ 574
	Silicon Carbide(6) Seat.....	\$ 173
Type 9	Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic-Kalrez®(5) O-Ring Seat.....	\$ 770
	<u>Type 9 - Washer adders:</u>	
	Glass-Filled Teflon(2) Washer & Wedges.....	\$ 431
	9031 Chemical Carbon(5) Washer.....	\$ 332
	Silicon Carbide(6) Washer.....	\$ 722
	9055 Severe Duty Carbon(7) Washer.....	\$ 412
	7250 Extreme Duty Carbon(9) Washer.....	\$ 393
	<u>Type 9 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 295
	Tungsten Carbide(4) O-ring Seat.....	\$ 558
	Silicon Carbide(6) O-ring Seat.....	\$ 337
Type 8	Viton®(2) Elastomer, Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$ 555
	Kalrez®(6) Elastomer, Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$ 2,925
	Includes Kalrez® Volute O-Ring 3062	

Quench with Viton® Lip Seal:

AI, BF, SF, & AB pumps with Type 6A Seal (includes 2 tapped connections and oil cup).....	\$ 624
SS pumps with Type 21 or Type 9 Seal (includes 2 tapped connections and oil cup).....	\$ 624

Quench not available for AI, BF, & SF Type 21 and Type 9 seals.

Viton Lip Seal not available with CD150 with 7/8" shaft, only Buna Lip Seal is available.

Flush Options:

Tap and plug for 1/8" NPT connections (F).....	\$ 172
External - Recirculating flush line (316SS fittings & tube supplied, and installed) (R).....	\$ 638
Additional Cooling Option (Price added to External recirculation flush): Adds additional cooling loops to recirculation line (A).....	\$ 282

Double Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Price include two drilled and tapped 1/8" NPT connections in bracket.		List
Type 21	Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 814
	Both seal ends provided. Seal face adders below are priced for product side only.	
	<u>Type 21 - Washer adder each:</u>	
	Tungsten Carbide(4) Washer.....	\$ 698
	9031 Chemical Carbon(5) Washer.....	\$ 178
	Silicon Carbide(6) Washer.....	\$ 209
	9055 Severe Duty Carbon(7) Washer.....	\$ 172

Type 21 - Seat adders each:

Ni-Resist(2) Seat.....	\$ 142
Tungsten Carbide(4) Seat.....	\$ 622
Silicon Carbide(6) Seat.....	\$ 304

Frame Mounting Option:
Bearing Frame Only (Requires a Footless Bracket)

	List	(lbs)
P/N 5478 (5/8" Keyed Shaft on pump side and 1-1/8" on motor side).....	\$ 518	20
P/N 5501 (7/8" Keyed Shaft on pump side and 1-1/8" Keyed Shaft on Drive Side*).....	\$ 527	21

*Recommended for applications using greater than 3HP motors

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)

Base plate (Motor and Power Frame not included in this price).....	\$ 1,966	75
---	----------	----

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units.

Motor Pricing: (AC Electric and Air motor) Standard Motor - **NEMA 56C Footless** (Except as noted)

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	\$867	1201	\$984	1204	20	\$801	1202	\$696	1206	19	\$1,559	3883	\$1,365	3884	25
1/3	\$1,041	1208	\$975	1211	22	\$831	1209	\$776	1213	22	\$1,593	1210	\$1,564	1214	28
1/2	\$1,160	1612	\$1,041	1637	24	\$971	1614	\$852	1601	23	\$1,759	1664	\$1,623	1638	30
3/4	\$1,369	1613	\$1,244	1697	33	\$1,102	1683	\$985	1217	25	\$1,960	1656	\$1,852	1639	33
1	\$1,516	3636	\$1,308	3881	37	\$1,263	1684	\$1,034	3806+	31	\$2,226	3882	\$3,131	1640	45

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$1,024	1218	\$887	1221	20	\$688	1219	\$762	1689	20	-	CF	-	CF	-
1/2	\$594	3769+	\$1,104	1228	19	\$754	1226	\$687	1230	19	\$1,535	1227	\$1,775	1231	26
3/4	\$780	1232	\$1,100	1235	21	\$871	1233	\$651	1237	21	\$1,643	1234	\$1,845	1238	29
1	\$845	3757	\$1,131	1242	32	\$975	1240	\$802	1244+	35	\$1,759	1241	\$2,917	1245	31
1-1/2	\$1,121	1246	\$1,160	1249	34	\$1,065	1247	\$786	1251+	35	\$2,412	1248	\$1,652	1252+	53
2	\$1,345	1253	\$1,466	1256	48	\$1,268	1254	\$966	1258+	43	\$1,405	2342	\$1,441	1259+	60
3	CF	1260	\$1,401	1261	50	\$1,856	3366	\$885	1263+	58	-	CF	\$2,007	3349+	60
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Uses 182C/184C footed motor and 7/8" bore shaft (see shaft adder) (E)

VFD (Variable Frequency Drive): see details on page 59

Air Motors:

Note: 3000 RPM Maximum unless otherwise noted.

	List	(lbs)
2AM Air Motor P/N 1435GT (Delivers up to 0.93 HP)	CF	15
4AM Air Motor P/N 1452GT (Delivers up to 1.7 HP)	CF	19
6AM Air Motor P/N 1502GT (Delivers up to 4 HP)	CF	24
8AM Air Motor P/N 1504GT (Delivers up to 5 HP, 2500 RPM Maximum. Requires 7/8" Stub Shaft)	CF	28

Horizontal Repair Kits: Includes Keyed Shaft w/Setscrews, Impeller Lockdown Bolt & Flat Washer, Impeller Lockwashers, and Impeller Lockdown Key.

CD100/150 All Materials Of Construction

P/N 2205 for 56C 5/8" Keyed Shaft (Includes Shaft Slinger)	\$ 225
P/N 2205-1 for 143TC-184C motor 7/8" Keyed Shaft.....	\$ 328

Note: O-ring or Gasket, and Seal must be ordered seperately in addition to the repair kit.

Special Assembly Tools:

Used for repairs

P/N 1026 Allen wrench for Type 9 Seal Assembly.....	\$ 4
---	------

Shaft Guard

P/N 0732-1, CD Shaft Guard 16 GA Alum 5052-H32.....	\$ 47
---	-------

Note: CF = Contact Factory

Close-Coupled Pump

Maximum Impeller Diameter: **RC200 = 4.06" RC300 = 4.62"**

Standard Motor: **NEMA 56C Footless** (Except As Noted)

Standard Footed Bracket: P/N 2426 **(AI, BF, SF)** and P/N 3701 **(AB)** Pumps

Standard Footless 316SS Bracket: P/N 0972 **(SS)** Pumps

Standard Mechanical Seal: **Single, 5/8"**
(AI, BF, SF, AB): Type 6A Buna Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0538)

(SS): Type 21 Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0553)

Horizontal End Suction: Pump End Only - "O-ring Design" - Includes full-size Impeller, and standard Mechanical Seal

List Prices	AI	BF	SF	AB	SS	(lbs)
RC200 (2" x 2" x 4")	\$ 1,104	\$ 1,232	\$ 1,518	CF	\$ 2,407	33
RC300* (3" x 3" x 4-1/2")	\$ 1,270	\$ 1,399	\$ 1,685	CF	\$ 2,988	36

Trimmed impeller adder (any size other than full-size, 1/8" increments)..... **\$48**
All RC300 pumps running at 3600 RPM with impellers **larger than 4.00" should use a 7/8" stub shaft w/ 143TC, 145TC, 182C or 184C Motor.*
7/8" 316SS Shaft Options (Horizontal pumps, vertical shaft adders are in the vertical section) (E)
List Adder

For use on 143TC, 145TC, 182C & 184C Frame Motors, and RC300 Pumps with impellers larger than 4.00" @ 3600 RPM **\$179**

Optional Footless Bracket P/N 2428 (AI, BF & SF), P/N 3702 (AB)..... **No Charge**
For use with 7/8" shaft 143TC, 145TC, 182C and 184C Frame Motors, and when attaching pump to a Power Frame.

Vertical Immersion Sealless: Pump End Only - Includes full-size Impeller, std Bushing (SS Column), & std 13" Column

List Prices	AI	BF	SF	SS	(lbs)
RC200V (2" x 2" x 4")	\$ 2,239	\$ 2,450	\$ 2,433	\$ 3,609	41
RC300V (3" x 3" x 4-1/2")	\$ 2,332	\$ 2,555	\$ 2,748	\$ 4,395	44

Trimmed impeller adder (any size other than full-size, 1/8" increments)..... **\$ 48**
All RC300 pumps running at 3600 RPM with impellers **larger than 4.00" should use a 7/8" stub shaft w/143TC, 145TC, 182C or 184C Motor.*
(See "Vertical Shaft Adder Section")

13" Cast Iron Column (3) P/N 0395-5.....	STD	2
20" Carbon Steel Column (4) P/N 3373-20.....	\$ 976	3
32" Carbon Steel Column (5) P/N 3373-32.....	\$ 1,068	9
44" Carbon Steel Column (6) P/N 3373-44.....	\$ 1,241	15

316 SS Column List Adders:

	SS	
6-1/2" 316 SS Column (1) P/N 0468.....	No Charge	-
13" 316 SS Column (3) P/N 0467.....	STD	2
20" 316 SS Column (4) P/N 0466.....	\$ 159	3
32" 316 SS Column (5) P/N 0472.....	\$ 357	9
44" 316 SS Column (6) P/N 0469.....	\$ 708	15

Mounting Plate Adders:

Carbon Steel Plate (P/N 0923)	(Fits Cast Iron 13" and Stainless Steel 13", 20", 32", & 44" Columns).....	\$ 515	12
Carbon Steel Plate (P/N 0923-1)	(Fits Carbon Steel 13", 20", 32", & 44" Columns).....	\$ 519	12
Stainless Steel Plate (P/N 0924)	(Fits Cast Iron 13" and Stainless Steel 13", 20", 32", & 44" Columns).....	\$ 1,018	14

Fume Barrier Adders:

	Shaft Sizes	
	5/8"	7/8"
Viton® Fume Barrier (2) P/N 0875, P/N 0877.....	\$ 88	\$ 108
Teflon® Fume Barrier (3) P/N 0876, P/N 0878.....	\$ 464	\$ 474

Vertical Bushing Adders for SS Columns: *(Carbon Graphite Bushing Standard in Carbon Steel & 316SS Columns)*

Note: Composite Bushing is Standard in a 13" Cast Iron Column.

	List
Modification to 13" Cast Iron Column for use with bushing.....	\$ 443
Glass Filled Teflon Bushing (2) (P/N 1135).....	\$ 206
Alpha Silicon Carbide Bushing (6) (P/N 0616) <i>Note: Requires Tungsten Carbide Coated Shaft</i>	\$ 716
<i>Tungsten Carbide Coated Shaft (Contact Factory for Lead Time)</i>	\$ 1,007
Cutless Nitrile Rubber (P/N 2165) <i>Note: Requires Hard Chrome Shaft</i>	\$ 299
<i>Hard Chrome Coated Shaft (Contact Factory for Lead Time)</i>	\$ 1,007

Notes: No bushing is required for 13" Cast Iron column, (Labyrinth Design).
Contact Factory for EPR Cutless Rubber Bushing Pricing.

Vertical 7/8" Shaft Option Adders:

*(All RC300 pumps running at 3600 RPM with impellers **larger** than 4.00" should use a 7/8" stub shaft w/143TC, 145TC, 182C, or 184C Motor) (E)*

	CF
Adder for 7/8" shaft to fit 6½" column (For SS column only).....	
Adder for 7/8" shaft to fit 13" column.....	\$ 346
Adder for 7/8" shaft to fit 20" column.....	\$ 383
Adder for 7/8" shaft to fit 32" column.....	\$ 617
Adder for 7/8" shaft to fit 44" column.....	\$ 798

Single Mechanical Seal Options: *(Horizontal End Suction Pumps Only)*

Standard Mechanical Seal: **Single, 5/8"**

(AI, BF, SF, AB): Type 6A Buna(1) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N: 0538)

(SS): Type 21 Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N: 0553)

Number in () are the BOM/Model number codes

	List
Type 6A Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 73
Adder for Ni-Resist(2) Seat.....	\$ 91
Type 6A seal not available for SS pumps	

Advantage Type 21

Viton®(2) or EPR (5), GL Silicon Carbide(8) Washer vs. GL Silicon Carbide(8) Seat..... \$ 194

Type 21 Viton®(2), Buna(1), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat..... \$ 73

No adder for SS pumps

Type 21 - Washer adders:

Tungsten Carbide(4) Washer.....	\$ 698
9031 Chemical Carbon(5) Washer.....	\$ 177
Silicon Carbide(6) Washer.....	\$ 209
9055 Severe Duty Carbon(7) Washer.....	\$ 172

Type 21 - Seat adders:

Ni-Resist(2) Seat.....	\$ 105
Tungsten Carbide(4) Seat.....	\$ 574
Silicon Carbide(6) Seat.....	\$ 173

Type 9	Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic-Kalrez®(5) O-Ring Seat.....	\$	770
	<u>Type 9 - Washer adders:</u>		
	Glass-Filled Teflon(2) Washer & Wedges.....	\$	431
	9031 Chemical Carbon(5) Washer.....	\$	332
	Silicon Carbide(6) Washer.....	\$	722
	9055 Severe Duty Carbon(7) Washer.....	\$	412
	7250 Extreme Duty Carbon(9) Washer.....	\$	393
	<u>Type 9 - Seat adders:</u>		
	Ni-Resist(2) Seat.....	\$	295
	Tungsten Carbide(4) O-ring Seat.....	\$	558
	Silicon Carbide(6) O-ring Seat.....	\$	337

Type 8	Viton®(2) Elastomer, Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$	555
	Kalrez®(6) Elastomer, Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$	2,925

Quench with Viton™ Lip Seal:

List

AI, BF, SF, & AB pumps with Type 6A Seal (includes 2 tapped connections and oil cup).....	\$	624
SS pumps with Type 21 or Type 9 Seal (includes 2 tapped connections and oil cup).....	\$	624

Quench not available for AI, BF, & SF Type 21 and Type 9 seals.

Flush Options:

List

Tap and plug for 1/8" NPT connections (F).....	\$	172
External - Recirculating flush line (316SS fittings & tube supplied, and installed) (R).....	\$	638
Additional Cooling Option (Price added to External recirculation flush): Adds additional cooling loops to recirculation line (A).....	\$	282

Double Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Price include two drilled and tapped 1/8" NPT connections in bracket.

List

Type 21	Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$	814
	Both seal ends provided. Seal face adders below are priced for product side only.		
	<u>Type 21 - Washer adder each:</u>		
	Tungsten Carbide(4) Washer.....	\$	698
	9031 Chemical Carbon(5) Washer.....	\$	178
	Silicon Carbide(6) Washer.....	\$	209
	9055 Severe Duty Carbon(7) Washer.....	\$	172
	<u>Type 21 - Seat adders each:</u>		
	Ni-Resist(2) Seat.....	\$	142
	Tungsten Carbide(4) Seat.....	\$	622
	Silicon Carbide(6) Seat.....	\$	304

Frame Mounting Option:

Bearing Frame Only (Requires a Footless Bracket)	List	(lbs)
P/N 5478 (5/8" Keyed Shaft on pump side and 1-1/8" Keyed Shaft on Drive side).....	\$ 518	20
P/N 5501 (7/8" Keyed Shaft on pump side and 1-1/8" Keyed Shaft on Drive Side)		
Used for RC300 pumps with 4.00" impellers or larger	\$ 527	21

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)

Base plate (Motor and Power Frame not included in this price) \$ 1,966 75

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units.

Motor Pricing: (AC Electric and Air motor) Standard Motor - NEMA 56C Footless (Except as noted)

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	\$867	1201	\$984	1204	20	\$801	1202	\$696	1206	19	\$1,559	3883	\$1,365	3884	25
1/3	\$1,041	1208	\$975	1211	22	\$831	1209	\$776	1213	22	\$1,593	1210	\$1,564	1214	28
1/2	\$1,160	1612	\$1,041	1637	24	\$971	1614	\$852	1601	23	\$1,759	1664	\$1,623	1638	30
3/4	\$1,369	1613	\$1,244	1697	33	\$1,102	1683	\$985	1217	25	\$1,960	1656	\$1,852	1639	33
1	\$1,516	3636	\$1,308	3881	37	\$1,263	1684	\$1,034	3806+	31	\$2,226	3882	\$3,131	1640	45

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$1,024	1218	\$887	1221	20	\$688	1219	\$762	1689	20	-	CF	-	CF	-
1/2	\$594	3769+	\$1,104	1228	19	\$754	1226	\$687	1230	19	\$1,535	1227	\$1,775	1231	26
3/4	\$780	1232	\$1,100	1235	21	\$871	1233	\$651	1237	21	\$1,643	1234	\$1,845	1238	29
1	\$845	3757	\$1,131	1242	32	\$975	1240	\$802	1244+	35	\$1,759	1241	\$2,917	1245	31
1-1/2	\$1,121	1246	\$1,160	1249	34	\$1,065	1247	\$786	1251+	35	\$2,412	1248	\$1,652	1252+	53
2	\$1,345	1253	\$1,466	1256	48	\$1,268	1254	\$966	1258+	43	\$1,405	2342	\$1,441	1259+	60
3	CF	1260	\$1,401	1261	50	\$1,856	3366	\$885	1263+	58	-	CF	\$2,007	3349+	60
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-
7-1/2	-	CF	-	CF	-	-	CF	\$1,452	3763+(2)	96	-	CF	-	CF	-
10	-	CF	-	CF	-	-	CF	\$2,201	3811(2)	118	-	CF	-	CF	-
15	-	CF	-	CF	-	-	CF	\$3,946	3843(2)	169	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Uses 182C/184C footed motor and 7/8" bore shaft (see shaft adder) (E)

CF - Contact Factory before quoting

VFD (Variable Frequency Drive): see details on page 59

Air Motors:

3000 RPM Maximum unless noted

	List	(lbs)
2AM Air Motor P/N 1435GT (Delivers up to 0.93 HP)	CF	15
4AM Air Motor P/N 1452GT (Delivers up to 1.7 HP)	CF	19
6AM Air Motor P/N 1502GT (Delivers up to 4 HP)	CF	24
8AM Air Motor P/N 1504GT (Delivers up to 5 HP, 2500 RPM Maximum. Requires 7/8" Stub Shaft)	CF	28

Horizontal Repair Kits: Includes Shaft w/Setscrew

P/N 2207 for 56C 5/8" (Hex shaft, includes shaft slinger).....	\$ 333
P/N 2207-1 for 143TC-184C motor 7/8" (Hex Shaft).....	\$ 413
P/N 2204 for 56C 5/8" (Keyed shaft, includes shaft slinger).....	\$ 225
P/N 2204-1 for 143TC-184C motor 7/8" (Keyed shaft).....	\$ 328

Notes: O-ring or Gasket, and Seal must be ordered separately in addition to the repair kit.

When "Retro-Fitting" the older *Keyed-Style* pump to the *HEX-Style* pump, the Hex-Style impeller must be ordered in addition to the repair kit.

Special Assembly Tools:

Used for repairs

P/N 1026 Allen wrench for Type 9 Seal Assembly.....	\$ 4
---	------

Shaft Guard

P/N 0732-1, CD Shaft Guard 16 GA Alum 5052-H32.....	\$ 48
---	-------

Note: CF = Contact Factory

Close-Coupled Pump

Maximum Impeller Diameter: **5.76"**

Standard Motors: **NEMA 56C Footless**

Standard Footless 316SS Bracket: P/N 3673 (Used w/ Motor Base Plate P/N 0197)

Standard Mechanical Seals: **Single, 1-1/2" Type 21** Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0122)

Horizontal End Suction: Pump End Only - Includes full-size Impeller, and standard Viton® Mechanical Seal

List Prices	SS	(lbs)
CL150 (1-1/2" x 2" x 5.76").....	\$ 2,319	24
Trimmed impeller adder (any size other than full-size, 1/8" increments).....	\$ 71	
7/8" Shaft Bore Option (E)	\$ 196	
<i>For use on 143TC, 145TC, 182C and 184C Frame Motors.</i>		

Vertical Immersion Sealless: Pump End Only - Includes full-size Impeller, std Carbon Graphite Bushing, and std 13" SS Column

List Prices	SS	(lbs)
CL150V (1-1/2" x 2" x 5.6")	CF	28
Trimmed impeller adder (any size other than full-size, 1/8" increments)	CF	
Column Adders:		
6-1/2" 316 Stainless Steel Column.....	CF	-
13" 316 Stainless Steel Column (P/N 0467).....	CF	2
20" 316 Stainless Steel Column (P/N 0466).....	CF	3
32" 316 Stainless Steel Column (P/N 0472).....	CF	9
44" 316 Stainless Steel Column (P/N 0469).....	CF	15

Mounting Plate Adders:

Carbon Steel Plate (P/N 0903)	(Fits Stainless Steel 6-1/2", 13", 20", 32", & 44" Columns).....	CF	
Stainless Steel Plate (P/N 0904)	(Fits Stainless Steel 6-1/2", 13", 20", 32", & 44" Columns).....	CF	13

Fume Barrier Adders:

	Shaft Sizes	
	5/8"	7/8"
Viton® Fume Barrier (P/N 0875, P/N 0877).....	CF	CF
Teflon® Fume Barrier (P/N 0876, P/N 0878).....	CF	CF

Vertical Flush Options: (Clean Flush & Recirculating Flush)..... **CF**

Vertical Bushing Adders: (Carbon Graphite Bushing is Standard in 316SS Columns)

Glass Filled Teflon® Bushing (P/N 1135).....	CF
Alpha Silicon Carbide Bushing (P/N 0616) <i>Note: Requires Tungsten Carbide Coated Shaft</i>	CF
<i>Tungsten Carbide Coated Shaft (Contact Factory for Lead Time)</i>	CF
Cutless Nitrile Rubber Bushing (P/N 2165) <i>Note: Requires Hard Chrome Shaft</i>	CF
Cutless Viton® Rubber Bushing (P/N 2263) <i>Note: Requires Hard Chrome Shaft</i>	CF
<i>Hard Chrome Coated Shaft (Contact Factory for Lead Time)</i>	CF
<i>Note: Contact Factory for EPR Cutless Rubber Bushing Pricing.</i>	

Vertical Shaft Adders:

7/8" Shaft for 143TC, 145TC, 182C & 184C Frame Motors.

Add for 7/8" shaft to fit 6 1/2" column.....	CF
Add for 7/8" shaft to fit 13" column.....	CF
Add for 7/8" shaft to fit 20" column.....	CF
Add for 7/8" shaft to fit 32" column.....	CF
Add for 7/8" shaft to fit 44" column.....	CF

Single Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Standard Mechanical Seals:

Single, 1-1/2" Type 21 Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N 0122)

Number in () are the BOM/Model number codes

Type 21	Buna(1) or EPR(5) Elastomer / Carbon(1) Washer vs. Ceramic(1) Seat.....	No Adder
	<u>Type 21 - Washer adders:</u>	
	Tungsten Carbide(4) Washer.....	\$ 764
	9031 Chemical Carbon(5) Washer.....	\$ 259
	Silicon Carbide(6) Washer.....	\$ 417
	9055 Severe Duty Carbon(7) Washer.....	\$ 330
	9012 Hot Water Carbon(9) Washer.....	\$ 267
	<u>Type 21 - Seat adders:</u>	
	Ni-Resist(2) Seat	\$ 142
	Tungsten Carbide(4) Seat.....	\$ 527
	Silicon Carbide(6) Seat.....	\$ 376
Advantage Type 21		
	Viton®(2) or EPR (5), GL Silicon Carbide(8) Washer vs. GL Silicon Carbide(8) Seat.....	\$ 325
Type 9	Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 813
	<u>Type 9 - Washer adders:</u>	
	9031 Chemical Carbon(5) Washer.....	\$ 574
	Silicon Carbide(6) Washer.....	\$ 1,429
	9055 Severe Duty Carbon(7) Washer.....	CF
	9012 Hot Water Carbon(9) Washer	CF
	<u>Type 9 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 558
	Tungsten Carbide(4) Seat.....	\$ 1,196
	Silicon Carbide(6) Seat.....	\$ 824
Type 8	Viton®(2) or Kalrez®(6) Elastomers, Carbon(1) Washer vs. Silicon Carbide(6) Seat	CF

Note: Contact Factory for price and availability of other seal face options

Flush Options:

Tap and plug Volute and Bracket for 1/8" NPT connections (CL comes standard with bracket flush hole tapped and plugged) (F)	No Charge
External - Recirculating flush line (316SS fittings & tube supplied and installed) (R).....	\$ 420
Additional Cooling Option (Price added to External recirculation flush): Adds additional cooling loops to recirculation line (A).....	\$ 282

Quench Options: (No Quench options available for the CL150 pump)

Type CL150

(1-1/2" Seal)

Frame Mounting Option:

	List	(lbs)
Bearing Frame Only		
P/N 5478 (JM 5/8" Keyed Shaft on pump side and 1-1/8" Keyed Shaft on motor side).....	\$ 518	20
P/N 5501 (7/8" Keyed Shaft on pump side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 527	21

Motor Pricing: (AC Electric and Air motor) Standard Motor - NEMA 56C Footless

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	\$867	1201	\$984	1204	20	\$801	1202	\$696	1206	19	\$1,559	3883	\$1,365	3884	25
1/3	\$1,041	1208	\$975	1211	22	\$831	1209	\$776	1213	22	\$1,593	1210	\$1,564	1214	28
1/2	\$1,160	1612	\$1,041	1637	24	\$971	1614	\$852	1601	23	\$1,759	1664	\$1,623	1638	30
3/4	\$1,369	1613	\$1,244	1697	33	\$1,102	1683	\$985	1217	25	\$1,960	1656	\$1,852	1639	33
1	\$1,516	3636	\$1,308	3881	37	\$1,263	1684	\$1,034	3806+	31	\$2,226	3882	\$3,131	1640	45

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$1,024	1218	\$887	1221	20	\$688	1219	\$762	1689	20	-	N/A	-	N/A	-
1/2	\$594	3769+	\$1,104	1228	19	\$754	1226	\$687	1230	19	\$1,535	1227	\$1,775	1231	26
3/4	\$780	1232	\$1,100	1235	21	\$871	1233	\$651	1237	21	\$1,643	1234	\$1,845	1238	29
1	\$845	3757	\$1,131	1242	32	\$975	1240	\$802	1244+	35	\$1,759	1241	\$2,917	1245	31
1-1/2	\$1,121	1246	\$1,160	1249	34	\$1,065	1247	\$786	1251+	35	\$2,412	1248	\$1,652	1252+	53
2	\$1,345	1253	\$1,466	1256	48	\$1,268	1254	\$966	1258+	43	\$1,405	2342	\$1,441	1259+	60
3	CF	1260	\$1,401	1261	50	\$1,856	3366	\$885	1263+	58	-	CF	\$2,007	3349+	60
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-
7-1/2	-	CF	-	CF	-	-	CF	\$1,452	3763+(2)	96	-	CF	-	CF	-
10	-	CF	-	CF	-	-	CF	\$2,201	3811(2)	118	-	CF	-	CF	-
15	-	CF	-	CF	-	-	CF	\$3,946	3843(2)	169	-	CF	-	CF	-

Motor Notes:

- + Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)
- (2) Uses 182C/184C Footed Motor and 7/8" (See Shaft Bore Option) (E)
- CF - Contact Factory before quoting

VFD (Variable Frequency Drive): see details on page 59



Type CL150 "G"

(182TC -184TC, 1-3/4" Seal)

Effective: Sept. 2025
Rev B

Close-Coupled Pump

Maximum Impeller Diameter: 5.76"

Standard Motors: **NEMA 182TC -184TC Footed**

Standard Footless 316SS Bracket: P/N 3501

Standard Mechanical Seals: **Single, 1-3/4" Type 21** Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 3516)

This model will always have a "G" in the model code indicating a 1-3/4" seal.

Horizontal End Suction: Pump End Only - Includes full-size Impeller, and standard Viton® Mechanical Seal

List Prices	SS	(lbs)
CL150 (1-1/2" x 2" x 5.76").....	\$ 2,319	26
Trimmed impeller ADDER (any size other than full-size, 1/8" increments).....	\$ 71	

Single Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Standard Mechanical Seals:

Single, 1-3/4" Type 21 Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N 3516)

Number in () are the BOM/Model number codes

Type 21	Buna(1), Neoprene(4) or EPR(5) Elastomer / Carbon(1) Washer vs. Ceramic(1) Seat.....	No Adder
	<u>Type 21 - Washer adders:</u>	
	Tungsten Carbide(4) Washer.....	CF
	9031 Chemical Carbon(5) Washer.....	CF
	Silicon Carbide(6) Washer.....	\$ 585
	9055 Severe Duty Carbon(7) Washer.....	CF
	<u>Type 21 - Seat adders:</u>	
	Tungsten Carbide(4) Seat.....	CF
	Silicon Carbide(6) Seat.....	\$ 497
Type 9	Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 1,423
	<u>Type 9 - Washer adders:</u>	
	Tungsten Carbide(4) Washer.....	CF
	9031 Chemical Carbon(5) Washer.....	CF
	Silicon Carbide(6) Washer.....	CF
	9055 Severe Duty Carbon(7) Washer.....	CF
	9012 Hot Water Carbon(9) Washer	CF
	<u>Type 9 - Seat adders:</u>	
	Tungsten Carbide(4) O-ring Seat.....	CF
	Silicon Carbide(6) O-ring Seat.....	CF

Note: Contact Factory for price and availability of other seal face options

Flush Options:

Tap and Plug for 1/8" NPT connections (CL comes standard with bracket flush hole tapped and plugged) (F)	No Charge
External - Recirculating flush line (316SS fittings & tube supplied, and installed) (R).....	\$ 420
Additional Cooling Option (Price added to External recirculation flush): Adds additional cooling loops to recirculation line (A).....	\$ 282

Quench Options: (No Quench options available for the CL150 pump)



Type CL150 "G"

(182TC -184TC, 1-3/4" Seal)

Effective: Sept. 2025
Rev B

Motor Pricing: (AC Electric Motor) Standard Motors - NEMA 182TC - 184TC Footed

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
3	-	CF	-	CF	-	-	CF	\$2,008	3528	50	-	CF	-	CF	-
5	-	CF	-	CF	-	-	CF	\$2,212	3517	80	-	CF	-	CF	-
7-1/2	-	CF	-	CF	-	-	CF	\$2,356	3529	101	-	CF	-	CF	-

Motor Notes:

CF - Contact Factory before quoting

VFD (Variable Frequency Drive): see details on page 59

Close-Coupled Pump

Maximum Impeller Diameter: **5.98"**

Standard Motor: **NEMA 143JM - 184JM Footed** (Optional 56C, 143TC, 145TC, 182C, 184C)

Standard Mechanical Seal:

(AI, BF, SF, AB): Single, 1-1/2" Type 21 Buna Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0121)

(SS): Single, 1-1/2" Type 21 Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0122)

Horizontal End Suction: Pump End Only - Includes full-size Impeller, and standard Mechanical Seal

List Prices	AI	BF	SF	AB	SS	(lbs)
-------------	----	----	----	----	----	-------

XT100 (1" x 1-1/2" x 6") Tangential Threaded.....	\$ 1,321	\$ 1,576	\$ 2,266	\$ 2,651	\$ 3,561	33
XL100 (1" x 1-1/2" x 6") Centerline Flanged.....					\$ 3,546	37
XT150 (1 1/2" x 2" x 6") Tangential Threaded.....	\$ 1,376	\$ 1,600	\$ 2,442	\$ 2,886	\$ 4,196	35
XL150 (1 1/2" x 3" x 6") Centerline Flanged.....					\$ 4,517	43
XT200 (2" x 3" x 6") Tangential Threaded.....	\$ 1,579	\$ 1,803	\$ 2,664	\$ 3,031	\$ 4,837	34
XL200 (2" x 3" x 6") Centerline Flanged.....					\$ 5,150	49
Trimmed impeller adder (any size other than full-size, 1/8" increments).....					\$ 71	
Adapter Bracket Adder for AI, BF, & SF pump end to 213/215JM Frame (10 & 15HP) P/N 3405.....					\$ 71	
Adapter Bracket Adder for AB & SS pump end to 213/215JM Frame (10 & 15HP) P/N 3388.....					\$ 847	
(Motors 1829 and 1840 can be used without this adder see page 38)						

Horizontal Shaft Option:

5/8" Shaft for 56C (C)	\$ 452
(Includes stub shaft P/N 0329-1, motor base P/N 0197, and extension plate P/N 3690)	
7/8" Shaft for 143TC, 145TC, 182C & 184C (E)	\$ 466
(Includes stub shaft P/N 0328-1, motor base P/N 0197, and extension plate P/N 3690)	

Vertical Immersion Sealless: Pump End Only - Includes full-size Impeller, std Bushing (SS Column), & std 13" Column

List Prices	AI	BF	SF	SS	(lbs)
-------------	----	----	----	----	-------

XT100V (1" x 1-1/2" x 6") Tangential Threaded.....	\$ 2,269	\$ 2,533	\$ 2,790	\$ 5,754	37
XL100V (1" x 1-1/2" x 6") (1" x 1-1/2" x 6") Centerline Flanged.....				\$ 5,809	42
XT150V (1 1/2" x 2" x 6") Tangential Threaded.....	\$ 2,363	\$ 2,600	\$ 3,125	\$ 6,179	39
XL150V (1 1/2" x 3" x 6") Centerline Flanged.....				\$ 6,425	52
XT200V (2" x 3" x 6") Tangential Threaded.....	\$ 2,484	\$ 2,719	\$ 3,380	\$ 6,562	42
XL200V (2" x 3" x 6") Centerline Flanged.....				\$ 7,174	58
Trimmed impeller adder (any size other than full-size, 1/8" increments).....				\$ 71	

Column Adders:

	AI/BF/SF	SS	
13" Cast Iron Column (3) P/N 0397-4.....	STD	-	-
13" 316 Stainless Steel Column (3) P/N 0481.....	\$ 1,740	STD	-
20" 316 Stainless Steel Column (4) P/N 0482.....	\$ 2,348	\$ 114	7
32" 316 Stainless Steel Column (5) P/N 0485.....	\$ 2,886	\$ 505	22
44" 316 Stainless Steel Column (6) P/N 0489.....	\$ 3,445	\$ 957	37

Mounting Plate Adders:

	List	
Carbon Steel Plate (P/N 0905).....	\$ 682	11
Stainless Steel Plate (P/N 0906).....	\$ 2,162	13

Fume Barrier Adders / Lip Seal: (SS Columns inc. P/N's 0309-2, 0977, 0505)

	13" CI Column Only	SS Columns Only
Buna Fume Barrier (1) (P/N 0756).....	\$ 50	\$ 342
Viton® Fume Barrier (2) (P/N 0757).....	\$ 141	\$ 389
Teflon® Fume Barrier (3) (P/N 0758).....	\$ 482	\$ 659

Vertical Flush Option: (Clean Flush & Recirculating Flush)..... CF

Vertical Bushing Adders for SS Columns: (Carbon Graphite Bushing is Standard in 316 SS Columns.)

Note: No Bushing is required in a 13" Cast Iron column (Labyrinth Design).

	List
Glass Filled Teflon® Bushing (2) (P/N 0342).....	\$ 381
Alpha Silicon Carbide Bushing (6) (P/N 0617) <i>Note: Requires Tungsten Carbide Coated Shaft</i>	\$ 1,007
<i>Tungsten Carbide Coated Shaft (T)</i> (Contact Factory for Lead Time)	\$ 1,007
Cutless Nitrile Rubber Bushing (9) (P/N 2079) <i>Note: Requires Hard Chrome Shaft</i>	\$ 337
<i>Note: Contact Factory for Viton® and EPR Cutless Rubber Pricing</i>	
<i>Hard Chrome Coated Shaft (C)</i> (Contact Factory for Lead Time)	\$ 1,007

Single Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Standard Mechanical Seal:

(AI, BF, SF, AB): Single 1-1/2" Type 21 Buna(1) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N: 0121)

(SS): Single 1- 1/2" Type 21 Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N: 0122)

Number in () are the BOM/Model number codes
Type 21 Viton®(2) or EPR(5) Elastomer / Carbon(1) Washer vs. Ceramic(1) Seat..... \$ 74

No adder for SS pumps
Type 21 - Washer adders:

Tungsten Carbide (4) Washer.....	\$ 764
9031 Chemical Carbon (5) Washer.....	\$ 259
Silicon Carbide (6) Washer.....	\$ 417
9055 Severe Duty Carbon (7) Washer.....	\$ 330
9012 Hot Water Carbon (9) Washer.....	\$ 267

Type 21 - Seat adders:

Ni-Resist (2) Seat.....	\$ 142
Tungsten Carbide (4) Seat.....	\$ 527
Silicon Carbide (6) Seat.....	\$ 376

Advantage Type 21

Viton®(2) or EPR (5) Elastomer, GL Silicon Carbide**(8)** Washer vs. GL Silicon Carbide**(8)** Seat..... \$ 325

Type 2 Buna(1), Viton®(2), Neoprene(4) or EPR(5) Elastomer / Carbon(1) Washer vs. Ceramic(1) Seat..... \$ 632

Type 2 - Washer adders:

Tungsten Carbide (4) Washer.....	\$ 1,186
9031 Chemical Carbon (5) Washer.....	\$ 285
Silicon Carbide (6) Washer.....	\$ 562
9055 Severe Duty Carbon (7) Washer.....	\$ 259
9012 Hot Water Carbon (9) Washer.....	\$ 259

Type 2 - Seat adders:

Ni-Resist (2) Seat.....	\$ 142
Tungsten Carbide (4) Seat.....	\$ 513
Silicon Carbide (6) Seat.....	\$ 365

Type 9	Teflon®(3) Elastomer / Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 823
	<u>Type 9 - Washer adders:</u>	
	9031 Chemical Carbon(5) Washer.....	\$ 574
	Silicon Carbide(6) Washer.....	\$ 1,429
	9055 Severe Duty Carbon(7) Washer.....	CF
	9012 Hot Water Carbon(9) Washer.....	CF
	<u>Type 9 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 558
	Tungsten Carbide(4) Seat.....	\$ 1,196
	Silicon Carbide(6) Seat.....	\$ 824
Type 8	Viton®(2) or Kalrez®(6) Elastomers, Carbon(1) Washer vs. Silicon Carbide(6) Seat.....	\$ 1,398

Note: Contact Factory for price and availability of other seal face options.

Flush Options:

XL Tap and plug Volute and Bracket for 1/8" NPT connections (F)	\$ 349
XT Tap and plug Bracket only (Volute Tap is Standard for XT) for 1/8" NPT connections (F).....	\$ 173
External - Recirculating flush line (316SS fittings & tubing supplied, and installed) (R).....	\$ 657
Additional Cooling Option (Price added to External recirculation flush): Adds additional cooling loops to recirculation line (A).....	\$ 282
Internal - Recirculating flush line (SS, AI, and SF pumps only, not available on AB pumps) (L)	\$ 445

Quench Options:

Quench Gland with Viton® Lip Seal (Includes Gland Plate and 2 Tapped Connections with Oil Cup).....	\$ 968
Quench Gland with Teflon® Lip Seal (Includes Gland Plate and 2 Tapped Connections with Oil Cup).....	\$ 1,176

High Pressure Option: 300 PSI Maximum (available on 316 Stainless Steel pumps only)..... \$ 3,735

Includes: Type 8B-1 Viton® Seal, Carbon vs Tungsten Faces, Bracket Modified for Viton® O-ring

Case Gasket, Viton® O-ring, Gasket Sleeve and 16 Volute Bolts

Double Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Price include two drilled and tapped 1/8" NPT connections in bracket.		List
Type 9	Teflon®(3) Elastomer, Carbon(1) Washer vs Ceramic(1) Seat (Not available on TC or C frame pumps)	\$ 3,694
Type 21	Viton®(2) or EPR(5) Elastomer / Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 1,217
	Both seal ends provided	
	<u>Type 21 - Washer adder each:</u>	
	Tungsten Carbide(4) Washer.....	\$ 750
	9031 Chemical Carbon(5) Washer.....	\$ 250
	Silicon Carbide(6) Washer.....	\$ 419
	9055 Severe Duty Carbon(7) Washer.....	CF
	9012 Hot Water Carbon(9) Washer.....	\$ 259
	<u>Type 21 - Seat adders each:</u>	
	Ni-Resist(2) Seat.....	\$ 142
	Tungsten Carbide(4) Seat.....	\$ 508
	Silicon Carbide(6) Seat.....	\$ 367

Note: Contact the Factory for other seal face options for pricing and availability.

Frame Mounting Option: Bearing Frame Only

P/N 5480 (JM 5/8" Keyed Shaft on pump side and 1-1/8" Keyed Shaft on Drive Side)..... **List** (lbs)
\$ **621** 20

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)

Base plate (Motor and Power Frame not included in this price)..... **\$ 2,707** 150

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units.

Motor Pricing: (AC Electric and Air motor) Standard Motors - **NEMA 143JM, 145JM, 182JM, 184JM, 213JM, & 215JM**

(For optional 56C motors, see Optional Motor pricing)

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1	-	CF	\$998	1806	35	-	CF	\$1,280	1804+	40	-	CF	-	CF	-
1 1/2	-	CF	\$1,602	3803	38	-	CF	\$1,416	1809+	44	-	CF	-	CF	-
2	-	CF	-	CF	-	-	CF	\$1,424	1363+	50	-	CF	-	CF	-
3	-	CF	-	CF	-	-	CF	\$1,548	1820+	76	-	CF	-	CF	-
5	-	CF	-	CF	-	-	CF	\$1,686	1825+	93	-	CF	-	CF	-

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1 1/2	CF	1361	\$1,123	1364	35	-	CF	\$1,189	1366	41	-	CF	-	CF	-
2	-	CF	\$1,225	1371	38	-	CF	\$1,228	1373+	47	-	CF	-	CF	-
3	\$1,596	1375	\$1,143	1378	45	\$2,157	3494	\$1,278	1380+	53	-	CF	\$2,991	1381	80
5	\$2,750	1382	\$1,808	1383	66	\$2,881	2351	\$1,592	1385	78	-	CF	\$5,567	1386	90
7 1/2	-	CF	\$1,427	1387	70	-	CF	\$1,861	1388	101	-	CF	\$5,770	1389	104
10	-	CF	\$2,374	1390*	129	-	CF	\$2,605	1391*	130	-	CF	\$6,823	1392*	177
15	-	CF	\$2,816	1395*	136	-	CF	\$3,118	1396*	169	-	CF	-	CF	-

Vertical Pumps Using a 10 or 15 HP Motor must use the following Motors:

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
10	-	-	-	-	-	-	-	\$1,268	1829^	118	-	-	-	-	-
15	-	-	-	-	-	-	-	\$3,955	1840^	169	-	-	-	-	-

Motor Notes:

* Requires 213JM-215JM Bracket Adder. See beginning of XT/XL section for adder.

^ 215YZ frame uses a 215JM body with a 184JM Face. Adapter 3388 (page 43) not required if using motor 1829 or 1840

CF - Contact Factory before quoting

Optional Motor Pricing: (AC Electric and Air motor)

Optional Motors: 56C (Requires 5/8" Stub Shaft) (C)

143TC, 145TC, 182C & 184C (Requires 7/8" Stub Shaft) (E)

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt (lbs)	List		List		Wt (lbs)	List		List		Wt (lbs)
	HP	1/60	P/N	3/60		1/60	P/N	3/60	P/N		1/60	P/N	3/60	P/N	
1/4	\$867	1201	\$984	1204	20	\$801	1202	\$696	1206	19	\$1,559	3883	\$1,365	3884	25
1/3	\$1,041	1208	\$975	1211	22	\$831	1209	\$776	1213	22	\$1,593	1210	\$1,564	1214	28
1/2	\$1,160	1612	\$1,041	1637	24	\$971	1614	\$852	1601	23	\$1,759	1664	\$1,623	1638	30
3/4	\$1,369	1613	\$1,244	1697	33	\$1,102	1683	\$985	1217	25	\$1,960	1656	\$1,852	1639	33
1	\$1,516	3636	\$1,308	3881	37	\$1,263	1684	\$1,034	3806+	31	\$2,226	3882	\$3,131	1640	45

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt (lbs)	List		List		Wt (lbs)	List		List		Wt (lbs)
	HP	1/60	P/N	3/60		1/60	P/N	3/60	P/N		1/60	P/N	3/60	P/N	
1/3	\$1,024	1218	\$887	1221	20	\$688	1219	\$762	1689	20	-	CF	-	CF	-
1/2	\$594	3769+	\$1,104	1228	19	\$754	1226	\$687	1230	19	\$1,535	1227	\$1,775	1231	26
3/4	\$780	1232	\$1,100	1235	21	\$871	1233	\$651	1237	21	\$1,643	1234	\$1,845	1238	29
1	\$845	3757	\$1,131	1242	32	\$975	1240	\$802	1244+	35	\$1,759	1241	\$2,917	1245	31
1-1/2	\$1,121	1246	\$1,160	1249	41	\$1,065	1247	\$786	1251+	35	\$2,412	1248	\$1,652	1252+	53
2	\$1,345	1253	\$1,466	1256	48	\$1,268	1254	\$966	1258+	43	\$1,405	2342	\$1,441	1259+	60
3	CF	1260	\$1,401	1261	50	\$1,856	3366	\$885	1263+	58	-	CF	\$2,007	3349+	60
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-
7-1/2	-	CF	-	CF	-	-	CF	\$1,452	3763+(2)	96	-	CF	-	CF	-
10	-	CF	-	CF	-	-	CF	\$2,201	3811(2)	118	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Uses 182C/184C Footed Motor and 7/8" (See Shaft Bore Option) (E)

CF - Contact Factory before quoting

VFD (Variable Frequency Drive): see details on page 59
Air Motors:

3000 RPM Maximum unless otherwise noted (See **Horizontal Shaft Options** for 5/8" & 7/8" Adder Pricing)

	List	(lbs)
4AM Air Motor P/N 1452GT (Delivers up to 1.7 HP. Requires 5/8" Stub Shaft)	CF	19
6AM Air Motor P/N 1502GT (Delivers up to 4 HP. Requires 5/8" Stub Shaft)	CF	24
8AM Air Motor P/N 1504GT (Delivers up to 5 HP, 2500 RPM Maximum. Requires 7/8" Stub Shaft)	CF	28

Horizontal Repair Kits: ABC, XT, XL (JM Frame)

P/N 0659 (AI, BF, SF, AB) Syn. Fiber Gasket, SS Shaft Sleeve, Teflon Sleeve & Impeller Lockdown Gasket.....	\$ 197
P/N 1019 (SS) Teflon Gasket, SS Shaft Sleeve, Teflon Sleeve & Impeller Lockdown Gasket.....	\$ 246

Note: Seal must be ordered separately in addition to the repair kit.

Special Assembly Tools:

Used for repairs

P/N 1026 Allen wrench for Type 9 Seal Assembly.....	\$ 4
---	------

Close-Coupled Pump

Maximum Impeller Diameter: (XJ/JB100, 150, 200) 8.00"

Standard Motor: (XJ/JB100, 150, 200) NEMA 143JM - 326JM [All Footed]

Standard Mechanical Seal:

(SS - XJ/JB100, 150, 200) Single, 1-1/2" Type 21 Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0122)

(SF - JB100) Single, 1-1/2" Type 21 Buna Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0121)

Horizontal End Suction: Pump End Only - Includes full-size Impeller, and standard Viton® Mechanical Seal

List Prices	(Customer must specify motor frame size when ordering a Pump End Only)	SS	(lbs)
-------------	--	----	-------

XJ Centerline Flanged

XJ100 (1" x 1-1/2" x 8") Frame Sizes 143-184JM / 213-215JM*	\$ 6,278	71
XJ150 (1-1/2" x 3" x 8")		
For 143-184JM / 213-215JM* Motor (For 1 HP to 15 HP or Power Frame P/N 0502 Option)	\$ 6,885	78
For 254-256JM Motor	\$ 7,998	90
For 284JM Motor	\$ 9,035	90
XJ200 (2" x 3" x 8")		
For 143-184JM / 213-215JM* Motor (For 1 HP to 15 HP or Power Frame P/N 0502 Option)	\$ 7,059	86
For 254-256JM Motor	\$ 8,230	99
For 284-326JM Motor	\$ 9,224	126

JB Centerline Threaded

	SF	SS	
JB100 (1" x 1-1/2" x 8") All Frame Sizes 143-184JM / 213-215JM *	CF	\$ 6,143	65
JB150 (1-1/2" x 2" x 8")			
For 143-184JM / 213-215JM* Motor (For 1 HP to 15 HP or Power Frame P/N 0502 Option)	N/A	\$ 6,428	68
For 254-256JM Motor	N/A	\$ 7,280	80
JB200 (2" x 3" x 8")			
For 143-184JM / 213-215JM* Motor (For 1 HP to 15 HP or Power Frame P/N 0502 Option)	N/A	\$ 7,167	75
For 254-256JM Motor	N/A	\$ 8,043	88
For 284-326JM Motor	N/A	\$ 9,037	115
Trimmed impeller adder (any size other than full-size, 1/8" increments).....		\$ 71	

Single Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Standard Mechanical Seal:

(SF): Single 1-1/2" Type 21 Buna(1) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N: 0121)

(SS): Single 1-1/2" Type 21 Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N: 0122)

Number in () are the BOM/Model number codes

Type 21	Buna(1), Viton®(2) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 74
	No adder for SS pumps.	
	<u>Type 21 - Washer adders:</u>	
	Tungsten Carbide(4) Washer.....	\$ 764
	9031 Chemical Carbon(5) Washer.....	\$ 259
	Silicon Carbide(6) Washer.....	\$ 417
	9055 Severe Duty Carbon(7) Washer.....	\$ 330
	9012 Hot Water Carbon(9) Washer.....	\$ 267

Type 21 - Seat adders:

Ni-Resist(2) Seat.....	\$ 142
Tungsten Carbide(4) Seat.....	\$ 527
Silicon Carbide(6) Seat.....	\$ 376

Advantage Type 21

Viton®(2) or EPR (5) Elastomer, GL Silicon Carbide(8) Washer vs. GL Silicon Carbide(8) Seat.....	\$ 325
--	--------

Type 2 Buna(1), Viton®(2) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 692
---	--------

Price includes Type 2 bracket seal modification

Type 2 - Washer adders:

Tungsten Carbide(4) Washer.....	\$ 1,187
9031 Chemical Carbon(5) Washer.....	\$ 285
Silicon Carbide(6) Washer.....	\$ 562
9055 Severe Duty Carbon(7) Washer.....	\$ 241
9012 Hot Water Carbon(9) Washer.....	\$ 241

Type 2 - Seat adders:

Ni-Resist(2) Seat.....	\$ 142
Tungsten Carbide(4) Seat.....	\$ 513
Silicon Carbide(6) Seat.....	\$ 646

Type 9 Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 823
---	--------

Type 9 - Washer adders:

9031 Chemical Carbon(5) Washer.....	\$ 574
Silicon Carbide(6) Washer.....	\$ 1,429
9055 Severe Duty Carbon(7) Washer.....	CF
9012 Hot Water Carbon(9) Washer.....	CF

Type 9 - Seat adders:

Ni-Resist(2) Seat.....	\$ 558
Tungsten Carbide(4) Seat.....	\$ 1,196
Silicon Carbide(6) Seat.....	\$ 646

Type 8 Viton®(2) or Kalrez®(6) Elastomer, Carbon(1) Washer vs Silicon Carbide(6) Seat.....	CF
---	----

Flush Options:

Tap and plug Volute and Bracket for 1/8" NPT connections (F).....	\$ 349
External - Recirculating flush line (Fittings, tube and flush taps supplied and installed) (R).....	\$ 657
Additional Cooling Option (Price added to External recirculation flush): Adds additional cooling loops to recirculation line (A).....	\$ 282
Internal - Recirculating flush line (L).....	\$ 387

Quench Options:

Quench Gland with Viton® Lip Seal (Includes Gland Plate and 2 Tapped Connections with Oil Cup)	\$ 983
Quench Gland with Teflon® Lip Seal (Includes Gland Plate and 2 Tapped Connections with Oil Cup)	\$ 1,176

High Pressure Option: 300 PSI Maximum	\$ 3,735
--	----------

Includes: Type 8B-1 Viton Seal, Carbon vs Tungsten Faces, Bracket Modified for Viton® O-ring
Viton® O-ring, Gasket Sleeve and 16 Volute Bolts

Double Mechanical Seal Options:

Price include two drilled and tapped 1/8" NPT connections in bracket.

List

Both Seal ends provided. Seal face adders below are priced for product side only.

Type 9 Teflon®(3) Elastomer, Carbon(1) Washer vs Ceramic(1) Seat (Not available on TC or C frame pumps) **\$ 3,694**

Type 21 Viton®(2) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat..... **\$ 1,217**

Both seal ends provided

Type 21 - Washer adder each:

Tungsten Carbide(4) Washer..... **\$ 748**

9031 Chemical Carbon(5) Washer..... **\$ 250**

Silicon Carbide(6) Washer..... **\$ 419**

9055 Severe Duty Carbon(7) Washer..... **CF**

9012 Hot Water Carbon(9) Washer..... **\$ 259**

Type 21 - Seat adders each:

Ni-Resist(2) Seat..... **\$ 142**

Tungsten Carbide(4) Seat..... **\$ 508**

Silicon Carbide(6) Seat..... **\$ 367**

Note: Contact the Factory for other seal face options for pricing and availability.

Frame Mounting Option:

Bearing Frame Only

List

(lbs)

P/N 0502 - Standard Duty (213/215JM Keyed Shaft on pump side and 1-1/2" Keyed Shaft on Drive Side)..... **\$ 2,658**

65

P/N 0519 - Standard Duty (254/256JM Keyed Shaft on pump side and 1-1/2" Keyed Shaft on Drive Side)..... **\$ 2,803**

75

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)

Base plate (Motor and Power Frame not included in this price)..... **\$ 2,707**

150

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units.

Motor Pricing: (AC Electric Motor Only. Air Motor not available)

Standard Motor: NEMA 143JM, 145JM, 182JM, 184JM, 213JM, 215JM, 254JM, 256JM, 284JM, 324JM & 326JM

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1	-	CF	\$998	1806	35	-	CF	\$1,280	1804+	40	-	CF	-	CF	-
1 1/2	-	CF	\$1,602	3803	38	-	CF	\$1,416	1809+	44	-	CF	-	CF	-
2	-	CF	-	CF	-	-	CF	\$1,424	1363+	50	-	CF	-	CF	-
3	-	CF	-	CF	-	-	CF	\$1,548	1820+	76	-	CF	-	CF	-
5	-	CF	-	CF	-	-	CF	\$1,686	1825+	93	-	CF	-	CF	-

Type XJ & JB

Effective: **Sept. 2025**

Rev B

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1 1/2	CF	1361	\$1,123	1364	35	-	CF	\$1,189	1366	41	-	CF	-	CF	-
2	-	CF	\$1,225	1371	38	-	CF	\$1,228	1373+	47	-	CF	-	CF	-
3	\$1,596	1375	\$1,143	1378	45	\$2,157	3494	\$1,278	1380+	53	-	CF	\$2,991	1381	80
5	\$2,750	1382	\$1,808	1383	66	\$2,881	2351	\$1,592	1385	78	-	CF	\$5,567	1386	90
7 1/2	-	CF	\$1,427	1387	70	-	CF	\$1,861	1388	101	-	CF	\$5,770	1389	104
10	-	CF	\$2,374	1390*	129	-	CF	\$2,605	1391*	130	-	CF	\$6,823	1392*	177
15	-	CF	\$2,816	1395*	136	-	CF	\$3,118	1396*	169	-	CF	-	CF	-
20	-	CF	\$3,750	1398^	225	-	CF	\$4,212	1399^	281	-	CF	-	CF	-
25	-	CF	\$3,962	1401^	233	-	CF	\$4,818	1402~	351	-	CF	-	CF	-
30	-	CF	-	CF	-	-	CF	\$8,364	2177~	406	-	CF	-	CF	-
40	-	CF	\$7,701	2347~	328	-	CF	\$8,846	3813~	486	-	CF	-	CF	-
50	-	CF	-	-	-	-	CF	\$9,658	3683~	590	-	CF	-	CF	-

Motor Notes:

* Requires 213JM-215JM Bracket, no adder required.

^ Requires 254JM-256JM pricing. See beginning of XJ/JB pricing section.

~ Requires 284JM-326JM pricing. See beginning of XJ/JB pricing section.

CF - Contact Factory before quoting

VFD (Variable Frequency Drive): see details on page 59

Horizontal Repair Kits:

List

XJ & JB Kit for 143/215 JM:

P/N 4095 - Teflon Gasket, SS Shaft Sleeve, Teflon Sleeve & Impeller Lockdown Gasket..... \$ 252

XJ & JB Kit for 254/256 (284-324) JM:

P/N 4096 - Teflon Gasket, SS Shaft Sleeve, Teflon Sleeve & Impeller Lockdown Gasket..... \$ 299

Note: Seal must be ordered separately in addition to the repair kit.
Special Assembly Tools:
Used for repairs

P/N 1026 Allen wrench for Type 9 Seal Assembly..... \$ 4



Type XJ400

Effective: Sept. 2025
Rev B

Maximum Impeller Diameter: **8.50"**

Standard Motor: **213JM - 365JM**

Standard Mechanical Seal: **(SS - XJ400) Single, 1-1/2" Type 21** Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0122)

Close-Coupled Pump

Horizontal End Suction: Pump End Only - Includes full-size Impeller, and standard Viton® Mechanical Seal

List Prices	(Customer must specify motor frame size when ordering a Pump End Only)	SS	(lbs)
-------------	--	----	-------

XJ Centerline Flanged

XJ400 (4" x 4" x 8.5")

* For 213-215JM Please specify motor frame size when ordering PEO's	\$9,978	131
^ For 254-256JM Please specify motor frame size when ordering PEO's	\$9,978	131
~ For 284-286JM Please specify motor frame size when ordering PEO's	\$9,781	131
~ For 324-326JM Please specify motor frame size when ordering PEO's	\$9,781	131
# For 364-365JM Please specify motor frame size when ordering PEO's	\$9,781	131
Trimmed impeller adder (any size other than full-size, 1/8" increments).....	\$ 85	

Single Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Standard Mechanical Seal:

(SS): Single 1-1/2" Type 21 Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N: 0122)

Number in () are the BOM/Model number codes

Type 9	Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 823
	<u>Type 9 - Washer adders:</u>	
	9031 Chemical Carbon(5) Washer.....	\$ 574
	Silicon Carbide(6) Washer.....	\$ 1,429
	9055 Severe Duty Carbon(7) Washer.....	CF
	9012 Hot Water Carbon(9) Washer.....	CF
	<u>Type 9 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 558
	Tungsten Carbide(4) Seat.....	\$ 1,196
	Silicon Carbide(6) Seat.....	\$ 824
Type 21	Buna(1), Viton®(2) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	STD
	<u>Type 21 - Washer adders:</u>	
	Tungsten Carbide(4) Washer.....	\$ 764
	9031 Chemical Carbon(5) Washer.....	\$ 259
	Silicon Carbide(6) Washer.....	\$ 417
	9055 Severe Duty Carbon(7) Washer.....	\$ 330
	9012 Hot Water Carbon(9) Washer.....	\$ 267
	<u>Type 21 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 142
	Tungsten Carbide(4) Seat.....	\$ 527
	Silicon Carbide(6) Seat.....	\$ 376
Type 2	Buna(1), Viton®(2) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 434
	Price includes Type 2 bracket seal modification	
	<u>Type 2 - Washer adders:</u>	
	Tungsten Carbide(4) Washer.....	\$ 1,188
	9031 Chemical Carbon(5) Washer.....	\$ 285
	Silicon Carbide(6) Washer.....	\$ 562
	9055 Severe Duty Carbon(7) Washer.....	\$ 269
	9012 Hot Water Carbon(9) Washer.....	\$ 269
	<u>Type 2 - Seat adders:</u>	
	Ni-Resist(2) Seat.....	\$ 142

Tungsten Carbide(4) Seat.....	\$ 513
Silicon Carbide(6) Seat.....	\$ 646

Advantage Type 21

Viton®(2) or EPR (5) Elastomer, GL Silicon Carbide(8) Washer vs. GL Silicon Carbide(8) Seat.....	\$ 325
--	--------

Flush Options:

Tap and plug Volute and Bracket for 1/8" NPT connections (F).....	\$ 349
External - Recirculating flush line (Fittings, tube and flush taps supplied and installed) (R).....	\$ 657
Additional Cooling Option (Price added to External recirculation flush): Adds additional cooling loops to recirculation line (A).....	\$ 282

Motor Pricing: (AC Electric Motor Only.)

Standard Motor: NEMA 213JM, 215JM, 254JM, 256JM, 284JM, 324JM, 326JM, 364JM, 365JM

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
7 1/2	\$4,026	1447*	\$2,203	1453*	125	-	CF	\$2,433	3561*	131	-	CF	-	CF	-
10	\$4,753	1448*	\$2,382	1454*	135	-	CF	\$3,002	1450*	137	-	CF	-	CF	-
15	-	CF	\$3,523	1455^	155	-	CF	\$5,126	1451^	236	-	CF	-	CF	-

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
40	-	CF	\$7,701	2347~	331	-	CF	\$8,846	3813~	486	-	CF	-	CF	-
50	-	CF	\$8,639	2348~	368	-	CF	\$9,658	3683~	590	-	CF	-	CF	-
60	-	CF	\$10,261	2349~	401	-	CF	\$8,152	3760~	650	-	CF	-	CF	-
75	-	CF	-	CF	-	-	CF	\$12,945	3774~	1005	-	CF	-	CF	-
100	-	CF	-	CF	-	-	CF	-	CF	-	-	CF	-	CF	-

Motor Notes:

- * Requires 213JM-215JM Bracket, no adder required.
- ^ Requires 254JM-256JM pricing. See beginning of XJ400 pricing section.
- ~ Requires 284JM-326JM pricing. See beginning of XJ400 pricing section.
- # Requires 364JM-365JM pricing. See beginning of XJ400 pricing section.
- CF - Contact Factory before quoting

Frame Mounting Option:

P/N 0519 Standard Duty (254/256JM Keyed Shaft on pump side and 1-1/2" Keyed Shaft on Drive Side).....	\$ 2,803
---	----------

VFD (Variable Frequency Drive): see details on page 59

Horizontal Repair Kits:

List

XJ400 Repair kit for 213/215 JM:

P/N 4100-1 - Synthetic Gasket, SS Shaft Sleeve, Sleeve O-Ring, Impeller Lockdown bolt, Gasket & Shaft Key.....	\$ 446
--	--------

XJ400 Repair kit for 254/365 JM:

P/N 4099-1 - Synthetic Gasket, SS Shaft Sleeve, Sleeve O-Ring, Impeller Lockdown bolt, Gasket & Shaft Key	\$ 564
---	--------

Note: Seal must be ordered separately in addition to the repair kit.

Close-Coupled Pump

Maximum Impeller Diameter: **4.75/50** (4.75" diameter with .5" vane height)

Standard Motor: **NEMA 56C Footless Only**

Standard Mechanical Seal: (AI, SF): **Single, 3/4" Type 21** Buna Elastomer, Carbon Washer vs. Ceramic Seat (P/N 1112)

(SS): **Single, 3/4" Type 21** Viton® Elastomer, Carbon Washer vs. Ceramic Seat (P/N 0549)

Horizontal End Suction: Pump End Only - Includes full-size Impeller, and standard Mechanical Seal

List Prices	AI	SF	SS	(lbs)
SP150 (1-1/2" x 1-1/2" x 4.75")	\$ 1,803	\$ 2,251	\$ 5,232	47
Trimmed impeller adder (any size other than full-size, 1/8" increments).....			\$ 48	

Single Mechanical Seal Options:

Standard Seal for (AI, SF): **Single, 3/4" Type 21** Buna(1) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N 1112)

(SS): **Single, 3/4" Type 21** Viton®(2) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N 0549)

Number in () are the BOM/Model number codes
Type 21 Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat..... \$ 91

No charge for SS pumps

Type 21 - Washer adders:

9031 Chemical Carbon(5) Washer..... \$ 119

Silicon Carbide(6) Washer..... \$ 304

9055 Severe Duty Carbon(7) Washer..... CF

Type 21 - Seat adders:

Ni-Resist(2) Seat..... \$ 142

Tungsten Carbide(4) Seat..... \$ 940

Silicon Carbide(6) Seat..... \$ 197

Advantage Type 21

Viton®(2) or EPR (5) Elastomer, GL Silicon Carbide(8) Washer vs. GL Silicon Carbide(8) Seat..... \$ 270

Type 9 Teflon®(3) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat..... \$ 751

Type 9 - Washer adders:

Glass Filled Teflon(2) Washer..... \$ 665

9031 Chemical Carbon(5) Washer..... \$ 417

Silicon Carbide(6) Washer..... \$ 1,564

Type 9 - Seat adders:

Ni-Resist(2) Seat..... \$ 654

Silicon Carbide(6) O-ring Seat..... \$ 890

Type 8 Kalrez®(6) Elastomer, Carbon(1) Washer vs Silicon Carbide(6) Seat..... CF

Viton®(2) Elastomer, Carbon(1) Washer vs Silicon Carbide(6) Seat..... CF

Note: Contact Factory for price and availability of other seal face options. Double Seal and Vertical Pumps are not available for the SP150.

Flush Options:

Tap and plug for 1/8" NPT connections (F)..... \$ 172

External - Recirculating flush line (R)..... \$ 514

(316SS fittings & tubing, and flush supplied. Must be plumbed to discharge pipe.)

Quench Options: (No quench option available for the SP150)

Frame Mounting Option:

Bearing Frame Only

	List	(lbs)
P/N 5478 - (5/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 518	20

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly - (3-4 weeks lead time)

Base plate (Motor and Power Frame not included in this price).....	\$ 1,984	150
---	----------	-----

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units

Motor Pricing: (AC Electric and Air Motor) Standard Motor - NEMA 56C Footless Only (Pump Bracket is Footed)

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	\$867	1201	\$984	1204	20	\$801	1202	\$696	1206	19	\$1,559	3883	\$1,365	3884	25
1/3	\$1,041	1208	\$975	1211	22	\$831	1209	\$776	1213	22	\$1,593	1210	\$1,564	1214	28
1/2	\$1,160	1612	\$1,041	1637	24	\$971	1614	\$852	1601	23	\$1,759	1664	\$1,623	1638	30
3/4	\$1,369	1613	\$1,244	1697	33	\$1,102	1683	\$985	1217	25	\$1,960	1656	\$1,852	1639	33
1	\$1,516	3636	\$1,308	3881	37	\$1,263	1684	\$1,034	3806+	31	\$2,226	3882	\$3,131	1640	45

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	\$1,024	1218	\$887	1221	20	\$688	1219	\$762	1689	20	-	CF	-	CF	-
1/2	\$594	3769+	\$1,104	1228	19	\$754	1226	\$687	1230	19	\$1,535	1227	\$1,775	1231	26
3/4	\$780	1232	\$1,100	1235	21	\$871	1233	\$651	1237	21	\$1,643	1234	\$1,845	1238	29
1	\$845	3757	\$1,131	1242	32	\$975	1240	\$802	1244+	35	\$1,759	1241	\$2,917	1245	31
1-1/2	\$1,121	1246	\$1,160	1249	34	\$1,065	1247	\$786	1251+	35	\$2,412	1248	\$1,652	1252+	53
2	\$1,345	1253	\$1,466	1256	48	\$1,268	1254	\$966	1258+	43	\$1,405	2342	\$1,441	1259+	60
3	CF	1260	\$1,401	1261	50	\$1,856	3366	\$885	1263+	58	-	CF	\$2,007	3349+	60

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

CF - Contact Factory before quoting

* If 5 HP motor is required contact factory for long coupled options

VFD (Variable Frequency Drive): see details on page 59

Repair Kits:

SP150AI & SF - P/N 0987 - Syn. Gasket, Shaft w/Setscrews, and Slinger..... \$ 167

SP150SS - P/N 0989 - Teflon Gasket, Shaft w/Setscrews, and Slinger..... \$ 190

Note: Seal must be ordered separately in addition to the repair kit.

Special Assembly Tools:

Used for repairs

P/N 1026 Allen wrench for Type 9 Seal Assembly..... \$ 4

Maximum Impeller Diameters: P50 / P75 / P95 - 3.88"

Pump End with Bearing Frame

Standard Mechanical Seal: P50 / P75 / P95 - Single, 5/8" Type 6A Buna Elastomer, Carbon Washer vs Ceramic Seat (P/N 0538)

Horizontal End Suction: Pump End w/Bearing Frame-Includes full size impeller, standard Buna Mechanical Seal				
List Prices	AI	BF	AB	(lbs)
P50 (1/2" x 3/4" x 4")	\$ 761	\$ 827	CF	9
P75 (3/4" x 1" x 4")	\$ 761	\$ 827	CF	10
P95 (1" x 1-1/4" x 4")	*CF	*CF	*CF	10

For Sweeper Pumps (Cage and Lip Seals) Add: **L100** **\$135**
**Review any applications for P95 pumps with factory to confirm energy compliance before quoting*

Single Mechanical Seal Options: (Horizontal End Suction Pumps Only)

Standard Mechanical Seal:

(P50, P75) 5/8" Single, Type 6A Buna(1) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat (P/N 0538)

Number in () are the BOM/Model number codes

P50, P75

	List
Type 6A 5/8" Viton®(2), Neoprene(4) or EPR(5) Elastomer, Carbon(1) Washer vs. Ceramic(1) Seat.....	\$ 73
Ni-Resist(2) Seat in place of Ceramic Seat.....	\$ 89

Note: Double Seals are not available on the Pryco Pumps.

Quench: (No Quench Option available for the Pryco Pumps.)

Flush: (No Flush Option available for the Pryco Pumps.)

Base Plate Mounting Option:

Includes Base, Coupling, Shaft Guard, & Assembly

	List	(lbs)
Base plate (Motor and power frame not included in this price).....	CF	75

Note: Contact factory for standard horizontal (Non C Face) motors used for long coupled units

Repair Kits:

All Iron, Bronze Fitted, All Bronze

P50, P75

	List
P/N 0641 Repair kit.....	\$ 194
P/N 0790 Sweeper kit.....	\$ 236
P/N 0790-1 Sweeper kit with Cast Iron Impeller.....	\$ 319
P/N 0790-2 Sweeper kit with Bronze Impeller.....	\$ 280

Note: Seal and Gasket must be ordered separatley in addition to repair kit.

Note: CF = Contact Factory

Type HPMD

Magnetically Driven Pump

Maximum Impeller Diameter: **6.00"**

Standard Motor: **NEMA 56C Footless**

Standard Pump Configuration: **316 SS Pump, Viton® O-rings, Carbon Graphite Bushings, and Ceramic Thrust Washers**

Standard Magnets: **Samarium Cobalt**

Horizontal End Suction: Pump End Only-Includes full-size Impeller, standard Bushings and Thrust Washers

List Prices	SS	(lbs)
HP75MD (3/4" FNPT x 3/4" FNPT x 6.00") Threaded Ports.....	\$ 7,132	28
HP100MD (1" MNPT x 1" FNPT x 6.00") Threaded Ports.....	\$ 7,219	28
Trimmed impeller adder (any size other than full-size, 1/8" increments).....	\$ 61	
7/8" Bore Adder: For use on 143TC, 145TC, 182C, and 184C Frame Motors (E).....	\$ 129	

O-ring Options: Viton® Volute O-ring (PN 3565) & Viton® Magnetic Cup O-ring (PN 2465) is Standard

Buna, Neoprene or EPR O-ring set	No Charge
Teflon® O-ring set	\$ 70
Kalrez® O-ring set	\$ 2,669
Fluorosilicone O-ring set	\$ 62
Teflon® Encapsulated Viton® or Silicone O-ring set	\$ 55

Note: Contact Factory for other O-Ring Options not listed here.

Bushing and Thrust Washer Options:

Alpha Silicon Carbide Washer (P/N 3629) Note: For use with standard 316SS Shaft	\$ 353
Alpha Silicon Carbide Bushing/Washer (P/N 3630, 3629) (Need Tungsten Carbide Coated Shaft)	\$ 535
Tungsten Carbide Coated Shaft (P/N 3695-30) Note: Contact factory for lead time	\$ 1,007

Frame Mounting Options: Bearing Frame Only

P/N 5478 up to 3HP (5/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 518	20
P/N 5501 5HP and above (7/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 527	21

Motor Pricing: (AC Electric Motor) Standard Motor -Updated to Footed Design September of 2025

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	CF	4600	CF	4605	30	\$898	4610	\$1,134	4614	18	CF	4618	CF	4605	24
1/3	\$1,041	4601	\$1,037	4606	24	\$937	4611	\$850	4615	21	\$1,762	4620	\$1,564	4625	37
1/2	\$1,160	4602	\$1,137	4607	31	\$1,049	4612	\$657	3376	23	\$1,763	4621	\$1,623	4626	30
3/4	\$1,369	4603	\$1,244	4608	35	\$1,252	4613	\$996	4616	26	\$1,969	4622	\$1,852	4627	35
1	\$1,516	4604	\$1,568	4609(2)	37	\$1,413	1633	\$1,604	4617	36	\$2,234	4623	\$3,131	4628	50
1-1/2	-	CF	-	CF	-	-	CF	-	CF	-	-	CF	-	CF	-

Type HPMD

Motor Pricing Continued:

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt (lbs)	List		List		Wt (lbs)	List		List		Wt (lbs)
HP	1/60	P/N	3/60	P/N		1/60	P/N	3/60	P/N		1/60	P/N	3/60	P/N	
1/3	CF	4629	CF	4636	-	\$885	4643	\$869	1503	21	-	CF	-	CF	-
1/2	CF	4630+	\$1,104	4637	20	\$939	1281	\$884	4648	20	\$1,546	4651	\$1,775	4655	27
3/4	CF	4631	CF	4638	-	\$1,001	4644	\$967	1415	22	CF	4652	\$1,845	4656	29
1	CF	4632	\$1,338	4639	37	\$1,157	4645	CF	4649+	-	\$1,755	4653	-	CF	-
1-1/2	CF	4633	\$1,406	4640(2)	34	\$1,450	4646	\$1,050	1186	28	CF	4654	CF	4660	-
2	CF	4634	\$1,466	4641	43	\$1,870	4647	\$1,308	1462	46	CF	4659	CF	4658	-
3	CF	4635	\$1,602	4642(2)	46	\$1,856	3366	\$1,108	1292+	46	-	CF	CF	4661	-
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-
7-1/2	-	CF	-	CF	-	-	CF	\$1,452	3763+(2)	96	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Needs 7/8" shaft bore adder (see adder above) (E)

All applications requiring motors above 3 HP require a VFD or soft start with a 10 second acceleration time.

VFD (Variable Frequency Drive): see details on page 59

Type CDMD

Magnetically Driven Pump

Maximum Impeller Diameter: **4.94"**

Standard Motor: **NEMA 56C Footless**

Standard Pump Configuration: **316 SS Pump, Viton® O-rings, Carbon Graphite Bushings, and Ceramic Thrust Washers**

Standard Magnets: **Samarium Cobalt**

Horizontal End Suction: Pump End Only - Includes full-size Impeller, and standard Bushings and Thrust Washers

List Prices	SS	(lbs)
CD100MD (1" x 1-1/4" x 5") Threaded Ports.....	\$ 8,539	24
CD150MD (1-1/2" x 2" x 5") Threaded Ports.....	\$ 9,244	29
Trimmed impeller adder (any size other than full-size, 1/8" increments).....	\$ 48	
7/8" Shaft Adder: For use on 143TC, 145TC, 182C and 184C Frame Motors (E).....	\$ 129	

O-ring Options: Viton® Volute O-ring (PN 3070) & Viton® Magnetic Cup O-ring (PN 2465) is Standard

Buna, Neoprene or EPR O-ring set	No Charge
Teflon® O-ring set	\$ 70
Kalrez® O-ring set	\$ 2,669
Fluorosilicone O-ring set	\$ 62
Teflon® Encapsulated Viton® or Silicone O-ring set	\$ 55

Note: Contact Factory for other O-Ring Options not listed here.

Bushing and Thrust Washer Options:

Alpha Silicon Carbide Washer (P/N 3629) Note: For use with standard 316SS shaft	\$ 353
Alpha Silicon Carbide Bushing & Washer (P/N 3630, 3629) Note: Need Tungsten Carbide Coated Shaft	\$ 535
Tungsten Carbide Coated Shaft (P/N 3695-30) Note: Contact factory for lead time	\$ 1,007

Frame Mounting Options: Bearing Frame Only

P/N 5478 up to 3HP (5/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 518	20
P/N 5501 5HP and up (7/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 527	21

Motor Pricing: (AC Electric Motor) Standard Motor -Updated to Footed Design September of 2025

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	CF	4600	CF	4605	30	\$898	4610	\$1,134	4614	18	CF	4618	CF	4605	24
1/3	\$1,041	4601	\$1,037	4606	24	\$937	4611	\$850	4615	21	\$1,762	4620	\$1,564	4625	37
1/2	\$1,160	4602	\$1,137	4607	31	\$1,049	4612	\$657	3376	23	\$1,763	4621	\$1,623	4626	30
3/4	\$1,369	4603	\$1,244	4608	35	\$1,252	4613	\$996	4616	26	\$1,969	4622	\$1,852	4627	35
1	\$1,516	4604	\$1,568	4609(2)	37	\$1,413	1633	\$1,604	4617	36	\$2,234	4623	\$3,131	4628	50
1-1/2	-	CF	-	CF		-	CF	-	CF	-	-	CF	-	CF	-

Type CDMD

Motor Pricing Continued:

3600	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
RPM	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	CF	4629	CF	4636	-	\$885	4643	\$869	1503	21	-	CF	-	CF	-
1/2	CF	4630+	\$1,104	4637	20	\$939	1281	\$884	4648	20	\$1,546	4651	\$1,775	4655	27
3/4	CF	4631	CF	4638	-	\$1,001	4644	\$967	1415	22	CF	4652	\$1,845	4656	29
1	CF	4632	\$1,338	4639	37	\$1,157	4645	CF	4649+	-	\$1,755	4653	-	CF	-
1-1/2	CF	4633	\$1,406	4640(2)	34	\$1,450	4646	\$1,050	1186	28	CF	4654	CF	4660	-
2	CF	4634	\$1,466	4641	43	\$1,870	4647	\$1,308	1462	46	CF	4659	CF	4658	-
3	CF	4635	\$1,602	4642(2)	46	\$1,856	3366	\$1,108	1292+	46	-	CF	CF	4661	-
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-
7-1/2	-	CF	-	CF	-	-	CF	\$1,452	3763+(2)	96	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Needs 7/8" shaft bore adder (see adder above) (E)

All applications requiring motors above 3 HP require a VFD or soft start with a 10 second acceleration time.

VFD (Variable Frequency Drive): see details on page 59

Maximum Impeller Diameter: **5.98"**

Standard Motor: **NEMA 56C Footless**

Standard Pump Configuration: **316 SS Pump, Viton® O-rings, Carbon Graphite Bushings, and Ceramic Thrust Washers**

Standard Magnets: **Samarium Cobalt**

Magnetically Driven Pump

Horizontal End Suction: Pump End Only-Includes full-size Impeller, standard Bushings and Thrust Washers

List Prices

SS

(lbs)

2MS75MD (3/4" x 1" x 6.00") Threaded Ports..... \$ **8,040**

Trimmed impeller adder (any size other than full-size, 1/8" increments)..... \$ **136**

7/8" Shaft Bore Adder: For use on 143TC, 145TC, 182C and 184C Frame Motors (**E**)..... \$ **129**
O-ring Options: 2 ea Viton® Volute O-ring (PN 3659) & 1 ea Viton® Magnetic Cup O-ring (PN 2465) is Standard

Buna, Neoprene or EPR O-ring set No Charge

Teflon® O-ring set \$ **231**

Kalrez® O-ring set \$ **4,042**

Fluorosilicone O-ring set \$ **98**

Teflon® Encapsulated Viton® or Silicone O-ring set \$ **93**
Note: Contact Factory for other O-Ring Options not listed here.

Bushing and Thrust Washer Options:

Alpha Silicon Carbide Washer (P/N 3629) (For use with standard 316SS shaft) \$ **353**

Alpha Silicon Carbide Bushing/Washer (P/N 3630, 3629, 3631) (Need Tungsten Carbide Coated Shaft) \$ **535**

Tungsten Carbide Coated Shaft (P/N 3695-30) Contact factory for lead time \$ **1,007**
Frame Mounting Options: Bearing Frame Only

P/N 5478 up to 3HP (5/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side)..... \$ **518** 20

P/N 5501 5HP and above (7/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side)..... \$ **527** 21

Motor Pricing: (AC Electric Motor) Standard Motor -Updated to Footed Design September of 2025

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	CF	4600	CF	4605	30	\$898	4610	\$1,134	4614	18	CF	4618	CF	4605	24
1/3	\$1,041	4601	\$1,037	4606	24	\$937	4611	\$850	4615	21	\$1,762	4620	\$1,564	4625	37
1/2	\$1,160	4602	\$1,137	4607	31	\$1,049	4612	\$657	3376	23	\$1,763	4621	\$1,623	4626	30
3/4	\$1,369	4603	\$1,244	4608	35	\$1,252	4613	\$996	4616	26	\$1,969	4622	\$1,852	4627	35
1	\$1,516	4604	\$1,568	4609(2)	37	\$1,413	1633	\$1,604	4617	36	\$2,234	4623	\$3,131	4628	50
1-1/2	-	CF	-	CF	-	-	CF	-	CF	-	-	CF	-	CF	-

Type 2MS75MD

Motor Pricing Continued:

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	CF	4629	CF	4636	-	\$885	4643	\$869	1503	21	-	CF	-	CF	-
1/2	CF	4630+	\$1,104	4637	20	\$939	1281	\$884	4648	20	\$1,546	4651	\$1,775	4655	27
3/4	CF	4631	CF	4638	-	\$1,001	4644	\$967	1415	22	CF	4652	\$1,845	4656	29
1	CF	4632	\$1,338	4639	37	\$1,157	4645	CF	4649+	-	\$1,755	4653	-	CF	-
1-1/2	CF	4633	\$1,406	4640(2)	34	\$1,450	4646	\$1,050	1186	28	CF	4654	CF	4660	-
2	CF	4634	\$1,466	4641	43	\$1,870	4647	\$1,308	1462	46	CF	4659	CF	4658	-
3	CF	4635	\$1,602	4642(2)	46	\$1,856	3366	\$1,108	1292+	46	-	CF	CF	4661	-
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-
7-1/2	-	CF	-	CF	-	-	CF	\$1,452	3763+(2)	96	-	CF	-	CF	-
10	-	CF	-	CF	-	-	CF	\$2,201	3811(2)	118	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Needs 7/8" shaft bore adder (see adder above) (E)

All applications requiring motors above 3 HP require a VFD or soft start with a 10 second acceleration time.

VFD (Variable Frequency Drive): see details on page 59

Magnetically Driven Pump

Maximum Impeller Diameter: 5.76"

Standard Motor: NEMA 56C Footless

Standard Pump Configuration:

316 SS Pump, Viton® O-rings, Carbon Graphite Bushings, and Ceramic Thrust Washers

Standard Magnets: Samarium Cobalt

Horizontal End Suction: Pump End Only-Includes full-size Impeller, standard Bushings and Thrust Washers

List Prices	SS	(lbs)
CL150MD (1-1/2" x 2" x 5.76") Threaded Ports.....	\$ 9,223	31
Trimmed impeller adder (any size other than full-size, 1/8" increments).....	\$ 48	
7/8" Shaft Bore Adder: Use on 143TC, 145TC, 182C, 184C Frame Motors <i>(For 5 & 7.5 HP only) (E)</i>	\$ 129	
High-Strength Magnets, Samarium Colbalt <i>(Required for 10 HP and above) (E)</i>	\$ 568	

O-ring Options: Viton® Volute O-ring (PN 0865) & Viton® Magnetic Cup O-ring (PN 2465) is Standard

Buna, Neoprene or EPR O-ring set	No Charge
Teflon® O-ring set	\$ 70
Kalrez® O-ring set	\$ 2,669
Fluorosilicone O-ring set	\$ 62
Teflon® Encapsulated Viton® or Silicone O-ring set	\$ 55

Note: Contact Factory for other O-Ring Options not listed here.

Bushing and Thrust Washer Options:

Alpha Silicon Carbide Washer (P/N 3629) <i>Note: For use with standard 316SS shaft</i>	\$ 353
Alpha Silicon Carbide Bushing & Washer (P/N 3630, 3629) <i>Note: Need Tungsten Carbide Coated Shaft</i>	\$ 535
Tungsten Carbide Coated Shaft (P/N 3695-30) <i>Note: Contact factory for lead time</i>	\$ 1,007

Frame Mounting Options: Bearing Frame Only

P/N 5478 up to 3HP (5/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 518	20
P/N 5501 5HP and up (7/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 527	21

Motor Pricing: (AC Electric Motor) Standard Motor -Updated to Footed Design September of 2025

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/4	CF	4600	CF	4605	30	\$898	4610	\$1,134	4614	18	CF	4618	CF	4605	24
1/3	\$1,041	4601	\$1,037	4606	24	\$937	4611	\$850	4615	21	\$1,762	4620	\$1,564	4625	37
1/2	\$1,160	4602	\$1,137	4607	31	\$1,049	4612	\$657	3376	23	\$1,763	4621	\$1,623	4626	30
3/4	\$1,369	4603	\$1,244	4608	35	\$1,252	4613	\$996	4616	26	\$1,969	4622	\$1,852	4627	35
1	\$1,516	4604	\$1,568	4609(2)	37	\$1,413	1633	\$1,604	4617	36	\$2,234	4623	\$3,131	4628	50
1-1/2	-	CF	-	CF	-	-	CF	-	CF	-	-	CF	-	CF	-

Motor Pricing Continued:

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)					
	List		List		Wt	List		List		Wt	List		List		Wt	
	HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)
1/3	CF	4629	CF	4636	-	\$885	4643	\$869	1503	21	-	CF	-	CF	-	
1/2	CF	4630+	\$1,104	4637	20	\$939	1281	\$884	4648	20	\$1,546	4651	\$1,775	4655	26	
3/4	CF	4631	CF	4638	-	\$1,001	4644	\$967	1415	22	CF	4652	\$1,845	4656	27	
1	CF	4632	\$1,338	4639	37	\$1,157	4645	CF	4649+	-	\$1,755	4653	-	CF	-	
1-1/2	CF	4633	\$1,406	4640(2)	34	\$1,450	4646	\$1,050	1186	28	CF	4654	CF	4660	-	
2	CF	4634	\$1,466	4641	43	\$1,870	4647	\$1,308	1462	46	CF	4659	CF	4658	-	
3	CF	4635	\$1,602	4642(2)	46	\$1,856	3366	\$1,108	1292+	46	-	CF	CF	4661	-	
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	-	
7-1/2	-	CF	-	CF	-	-	CF	\$1,452	3763+(2)	96	-	CF	-	CF	-	
10	-	CF	-	CF	-	-	CF	\$2,201	3811(2)	118	-	CF	-	CF	-	
15	-	CF	-	CF	-	-	CF	\$3,946	3843(2)	169	-	CF	-	CF	-	

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Needs 7/8" shaft bore adder (see adder above) (E)

All applications requiring motors above 3 HP require a VFD or soft start with a 10 second acceleration time.

Motors 10HP and above require High-Strength Magnets (see adder above)

VFD (Variable Frequency Drive): see details on page 59

Magnetically Driven Pump

Maximum Impeller Diameter: **5.98"**

Standard Motor: **NEMA 56C Footless**

Standard Pump Configuration:

316 SS Pump, Viton® O-rings, Carbon Graphite Bushings, and Ceramic Thrust Washers

Standard Magnets: **Samarium Cobalt**

Horizontal End Suction: Pump End Only-Includes full-size Impeller, standard Bushings and Thrust Washers

List Prices	SS	(lbs)
XT100MD (1" x 1-1/2" x 5.98") Threaded Ports.....	\$ 8,720	35
XL100MD (1" x 1-1/2" x 5.98") 150 # Centerline ANSI Dimension Flanged Ports.....	\$ 9,070	41
XT150MD (1-1/2" x 2" x 5.98") Threaded Ports.....	\$ 9,281	
XL150MD (1-1/2" x 3" x 5.98") 150 # Centerline ANSI Dimension Flanged Ports.....	\$ 9,654	
XT200MD* (2" x 3" x 5.98") Threaded Ports.....	\$ 9,701	
XL200MD* (2" x 3" x 5.98") 150 # Centerline ANSI Dimension Flanged Ports.....	\$10,348	
<i>*Pumps come standard with High Strength Magnets and 7/8" Shaft Bore</i>		
Trimmed impeller adder (any size other than full-size, 1/8" increments).....	\$ 70	
7/8" Shaft Bore Adder: For use on 143TC, 145TC, 182C, 184C Frame Motors <i>(For 5 & 7.5 HP only) (E)</i>	\$ 129	
High-Strength Magnets, Samarium Colbalt <i>(Required for 10 HP and above) (E)</i>	\$ 568	

O-ring Options: Viton® Volute O-ring (PN 0865) & Viton® Magnetic Cup O-ring (PN 2465) is Standard

Buna, Neoprene or EPR O-ring set	No Charge
Teflon® O-ring set	\$ 70
Kalrez® O-ring set	\$ 2,669
Fluorosilicone O-ring set	\$ 62
Teflon® Encapsulated Viton® or Silicone O-ring set	\$ 55

Note: Contact Factory for other O-Ring Options not listed here.

Bushing and Thrust Washer Options:

Alpha Silicon Carbide Washer (P/N 3629) <i>(For use with standard 316SS shaft)</i>	\$ 353
Alpha Silicon Carbide Bushing & Washer (P/N 3630, 3629) <i>(Need Tungsten Carbide Coated Shaft)</i>	\$ 535
Tungsten Carbide Coated Shaft (P/N 3695-30) <i>(Contact factory for lead time)</i>	\$ 1,007

Frame Mounting Options: Bearing Frame Only

P/N 5478 up to 3HP (5/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 518	20
P/N 5501 5HP and up (7/8" Keyed Shaft on Pump Side and 1-1/8" Keyed Shaft on Drive Side).....	\$ 527	21

Motor Pricing: (AC Electric Motor) Standard Motor -Updated to Footed Design September of 2025

1800 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt	List		List		Wt	List		List		Wt
	HP	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N	(lbs)	1/60	P/N	3/60	P/N
1/4	CF	4600	CF	4605	30	\$898	4610	\$1,134	4614	18	CF	4618	CF	4605	24
1/3	\$1,041	4601	\$1,037	4606	24	\$937	4611	\$850	4615	21	\$1,762	4620	\$1,564	4625	37
1/2	\$1,160	4602	\$1,137	4607	31	\$1,049	4612	\$657	3376	23	\$1,763	4621	\$1,623	4626	30
3/4	\$1,369	4603	\$1,244	4608	35	\$1,252	4613	\$996	4616	26	\$1,969	4622	\$1,852	4627	35
1	\$1,516	4604	\$1,568	4609(2)	37	\$1,413	1633	\$1,604	4617	36	\$2,234	4623	\$3,131	4628	50
1-1/2	-	CF	-	CF	-	-	CF	-	CF	-	-	CF	-	CF	-

3600 RPM	Open Drip (D)					Totally Enclosed (T)					Explosion Proof (X)				
	List		List		Wt (lbs)	List		List		Wt (lbs)	List		List		Wt (lbs)
	HP	1/60	P/N	3/60		P/N	1/60	P/N	3/60		P/N	1/60	P/N	3/60	
1/3	CF	4629	CF	4636	-	\$885	4643	\$869	1503	21	-	CF	-	CF	-
1/2	CF	4630+	\$1,104	4637	20	\$939	1281	\$884	4648	20	\$1,546	4651	\$1,775	4655	27
3/4	CF	4631	CF	4638	-	\$1,001	4644	\$967	1415	22	CF	4652	\$1,845	4656	29
1	CF	4632	\$1,338	4639	37	\$1,157	4645	CF	4649+	-	\$1,755	4653	-	CF	-
1-1/2	CF	4633	\$1,406	4640(2)	34	\$1,450	4646	\$1,050	1186	28	CF	4654	CF	4660	-
2	CF	4634	\$1,466	4641	43	\$1,870	4647	\$1,308	1462	46	CF	4659	CF	4658	-
3	CF	4635	\$1,602	4642(2)	46	\$1,856	3366	\$1,108	1292+	46	-	CF	CF	4661	-
5	-	CF	-	CF	-	-	CF	\$966	1655+(2)	80	-	CF	-	CF	
7-1/2	-	CF	-	CF	-	-	CF	\$1,452	3763+(2)	96	-	CF	-	CF	-
10	-	CF	-	CF	-	-	CF	\$2,201	3811(2)	118	-	CF	-	CF	-
15	-	CF	-	CF	-	-	CF	\$3,946	3843(2)	169	-	CF	-	CF	-

Motor Notes:

+ Motors rated at 50/60 Hz (all specifications above based on 60 Hz operation)

(2) Needs 7/8" shaft bore adder (see adder above) (E)

All applications requiring motors above 3 HP require a VFD or soft start with a 10 second acceleration time.

Motors 10HP and above require High-Strength Magnets (see adder above)

VFD (Variable Frequency Drive): see details on page 59

Price Pump VFD Pricing Update

We are currently in negotiations with our Variable Frequency Drive (VFD) suppliers to secure the most up-to-date and competitive pricing for our valued customers. We understand the importance of having reliable and affordable VFDs for your applications, and we are working diligently to finalize new pricing structures.

We want to assure you that **Price Pump is still actively offering VFDs** to meet your needs. Despite the ongoing negotiations, our commitment to providing high-quality solutions remains unwavering.

For all VFD inquiries and to receive the most current pricing, please **contact our sales team directly for a custom quote at sales@pricepump.com**

Our dedicated sales professionals have access to the latest information and will work with you to find the right VFD solution for your specific requirements.

Thank you for your understanding and continued partnership. We are confident that these negotiations will result in pricing that better reflects the current market and provides you with the best possible value.

Centrifugal Pump Test Procedures & Pricing

Note: Test net prices are for **each** pump. Prices are for PPCO pumps only.
Testing Services available to other pump manufacturers - please contact factory.

Net Prices

A-1	Certified test of a single condition point, head & capacity only. PPCO standard published curve is marked to indicate the head found on a test at the required capacity. The head capacity and impeller diameter are stated on the curve.	\$150
A-2	The same test as A-1 but to include efficiency and NPSH at the condition point.	\$350
A-3	Certified performance test of a single impeller diameter with a curve plotted from the test data, including head, efficiency, and brake horsepower, all plotted against capacity.	\$300
A-4	The same test as A-3 but including NPSH.	\$600
<i>For frame mounted units add \$115 to prices shown above.</i>		
A-5	Hydrostatic Test of pump end components in accordance with Hydraulic Institute Standards.	\$100
A-9	Operational Fitness Test - run tested at BEP for Mechanical and Operational integrity while flowing water in test tank for (15) fifteen minutes.	\$150
A-15	Helium Test - pump is filled with helium and pressurized to 80 PSI, held for 3-5 minutes and is inspected for leaks in castings and all sealing surfaces.	\$175

Contact Factory for noise, vibration, and all other test requests

Witnessed Tests:

A-11	“Witnessed” testing is testing performed in the presence of the customer or authorized customer's representative.	CF
-------------	---	----

Note: Net prices are for each pump. (PPCO Pumps Only)

Pump Options Special Pricing

<u>Motor Label Change:</u>	<u>Net Prices</u>
For special motor label requirements other than standard label supplied with motor, includes installation on motor before shipment. Availability of change to label must	CF
<u>Passivate 316 Stainless Steel:</u>	
Passivate bracket, volute and impeller on 316 Stainless Steel pump/parts. Lead time for this service 3-4 weeks ARO.	\$250
<u>Stainless Steel Labels:</u>	
Up to 3 lines plus a label setup fee. (\$10 set up, +\$10 per line)	\$40 (standard)
<u>Certified Drawing:</u>	
Custom Outline pump end drawing mounted on a specific customer requested motor.	\$150
Engineering Department certified drawing of pump exterior dimensions. Please note pump must be ordered and built before the certified drawing can be completed. Net	\$175
Custom 3D Model drawing.	CF
<u>High Temperature Bearing Grease:</u>	
Change bearing grease in power frame bearings to handle high temperatures up to 450° Fahrenheit.	\$170
<u>Cut Suction Threads:</u>	
For use on Vertical pumps to decrease length for in-tank applications	
Cut Suction threads off Cast Iron Volute	\$75
Cut Suction threads off Stainless Steel Volute	\$90
<u>Build Pump on Customer Supplied Motor:</u>	
Horizontal Pump	\$75
Vertical Pump	\$125
<u>Double Seal Pumping Ring:</u>	
Note: For OEM Use	
P/N 2168 1-1/2" Pumping Ring for Type X Series	\$35
P/N 2167 5/8" Pumping Ring for Type CD/MS Series	\$35