



**PENTAIR**

**BERKELEY • FAIRBANKS NIJHUIS**

VERTICAL LINESHAFT TURBINE PUMPS AND PARTS  
PROPELLER PUMPS AND PARTS  
VERTICAL HOLLOWSHAFT MOTORS

# U.S. JANUARY 2025 LIST PRICES

P13328BK-P • EFFECTIVE: JANUARY 1, 2025 • SUPERSEDES ALL PREVIOUS PRICE LISTS  
PRICE BOOK REPRESENTS PRICING FOR THE IRRIGATION MARKET

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Berkeley® VT Series  
 Fairbanks Nijhuis® 7000 Series

Pump Assembly Material Specifications (General)	
PART	STANDARD CONSTRUCTION
SUCTION CASE (1) SUCTION BELL(2)	Cast Iron A48 Class 30
SUCTION BEARING	Bronze B505 Alloy C93200
SUCTION PLUG(3)	Cast Iron or 316 stainless steel
SAND COLLAR	Bronze B505 Alloy C93200
BOWLS (4)	Cast Iron A48 Class 30 coated interior
BEARING (TOP BOWL)	Bronze B505 Alloy C93200
BEARING (INTERMEDIATE BOWL) (5)	Rubber (EPDM, Neoprene, or SBR) - standard Bronze - B505 Alloy C93200 - optional Vesconite® - optional
CAPSCREWS (6)	SAE J429 GRADE 5 or ASTM A193 GRADE B7 or 300 series stainless steel
NUTS	SAE J995 GRADE 2
IMPELLER (7,8)	STAINLESS STEEL A743 TYPE 316
IMPELLER COLLET (9)	CARBON STEEL A108 GR12L14 or 416 STAINLESS STEEL ASTM A582 S41600
PUMP SHAFT	416 STAINLESS STEEL ASTM A582 S41600
SHAFT COUPLING	STEEL A108 GR12L14 or 416 STAINLESS STEEL ASTM A582 S41600
DISCHARGE CASE (10)	Cast Iron A48 Class 30 or Ductile Iron
All material specifications are typical for chemical composition only.	
(1), (2) - not every flow series have the option of a Suction Case or Suction Bell	
(3) - Fairbank Nijhuis = cast iron; Berkeley VT = 316 stainless steel. All flow series will be transitioning to 316 stainless steel.	
(4) - bowl interior coating is suitable for use with potable water. Use of this coating does NOT certify the pump assembly as NSF approved.	
(5) - not every flow series have the same options. Refer to FM10127P or the factory for more information.	
(6) - Fairbanks Nijhuis = Grade 5 bolting steel; Berkeley VT = 300 series stainless steel	
(7) - some flow series have Bronze B584 alloy C83600 or alloy C87500 impellers still available. Contact the factory for more information.	
(8) - some flow series do NOT have an option of stainless steel impellers. Refer to FM10127P or the factory for more information.	
(9) - Berkeley VT = 416 stainless steel standard. All flow series will be transitioning to 416 stainless steel as standard.	
(10) - Fairbanks Nijhuis = cast iron; Berkeley VT = ductile iron (expection 10VT-250, 10VT-300, 12VT-500, 12VT-600). Refer to FM10127P for more information.	
Vesconite® is a registered trademark of Virginia Engineering Services (Pty) Limited.	

Column: Maximum Lengths			
1800 rpm		Water Lube	10 feet
1800 rpm		Oil Lube	20 feet
3600 rpm		Water Lube	5 feet

Retainer and Rubber Bearings Maximum Centers			
1800 rpm		Water Lube	10 feet
3600 rpm		Water Lube	5 feet

Connector Bearing: Maximum Centers			
1800 rpm		Oil Lube	5 feet
3600 rpm		Oil Lube	3 feet, 4 inches

**NOMENCLATURE (for ordering UN-Assembled Kits)**
**Berkeley® VT Vertical Lineshaft Turbine Pumps**

1st Stage											
12VT0550CSBAAOL	12	VT	0500	C	S	B	A	A	O	L	
	Bowl Size	Vertical Turbine	Flow Series	C = closed impeller K = semi-open impeller	S = cast iron H = ductile iron	B = bronze top bowl bearing	A = 10" NPT suction case B = 8" NPT suction base C = suction bell	A = 10" discharge case B = 8" discharge case	O = Oil Lube W = Water Lube	L = Left Hand R = Right Hand	
Add Stage											
12VT0550CSRADD	12	VT	0500	C	S	R	ADD				
	Bowl Size	Vertical Turbine	Flow Series	C = closed impeller K = semi-open impeller	S = cast iron H = ductile iron	R = rubber bearing B = bronze bearing V = Vesconite bearing	Add Stage				

**Fairbanks Nijhuis® Vertical Lineshaft Turbine Pumps**

1st Stage							
FR0012M1C08LO	FR00	12M	1	C or B	08 or 10	L or R	O or W
	Fresno	Bowl Size	Single-stage	C = Suction Case B = Suction Bell	Diameter of Discharge Case	L = Left Hand R = Right Hand	O = Oil Lube W = Water Lube
Add Stage							
FR0012M2ADD	FR00	12M	1 or 2	ADD			
	Fresno	Bowl Size	1 = Layne/ Vertiline Bowls 2 = Fairbanks Nijhuis™ Bowls	Add Stage (example: if you want a 8-stage pump, you would order 1 of the FR0012M1C08LO and then qty 7 add stages (FR0012M2ADD))			

**Fairbanks Nijhuis Propeller Pump**

FR12-8211-1DD	FR	12	8211	1 or 2	DD
8211 Bowl Parts	Fresno	Bowl Size	Model	Number of Stages	Propeller Size (refer to PARTS List Price "SYMBOL")

**Fairbanks Nijhuis Propeller Pump**

FR10-8312-1R	FR	10	8312	1 or 2	
8312 Bowl Parts	Fresno	Bowl Size	Model	Number of Stages	Propeller Size (refer to PARTS List Price "SYMBOL")

Packing box assy's			
G14005 1111G	G1400	5 (1 inch)	1111G
G14007 1111G	No significance	7 (1.25 inch)	No significance
G14009 1111G		9 (1.5 inch)	
G14010 1111G		10 (1 11/16 inch)	
G14011 1111G		11 (1 15/16 inch)	
<b>Manual oiler assy</b>			
G16848 1111G			

**Berkeley® VT Series / Fairbanks Nijhuis® 7000 Series**

Flow Series	First Stage			Each Add'l Stage - standard (5)	Each Add'l Stage					Bowl Conn. (6)	Standard Connecting Dimensions				Weight (lbs)	
	(1), (2)	W/L (3)	O/L (4)		bronze bearing	Vesconite bearing	ductile iron bowl, rubber bearing	ductile iron bowl, bronze bearing	ductile iron bowl, Vesconite bearing		Shaft Size (in)	Tube Size (7) (in)	Column Size - threaded (in)		First Stage (2)	Each Add'l
		closed or semi-open impeller	ductile iron bowl, closed or semi-open impeller										Open	Enclosed		
6A	\$1,455			\$558						T	1	1-1/2	4	4	100	25
6B	1,455			558						T	1	1-1/2	4	4	100	25
6D	1,607			577						T	1	1-1/2	4	4	100	25
6F	1,607			577						T	1	1-1/2	4	4	100	25
6M	1,482			581						T	1	1-1/2	4	4	50	15
6G	1,490			611						T	1	1-1/2	4	4	60	16
6J	1,490			611						T	1	1-1/2	4	4	60	16
7M	1,979			390						T	1	1-1/2	4	4	78	22
7A	2,243			691						F	1	1-1/2	4, 6	4, 6	84	30
7B	2,243			691						F	1	1-1/2	4, 6	4, 6	84	30
8B	2,503			926						T	1-3/16	2	4, 6	4, 6	107	37
8P	2,829			800						F	1-3/16	2	4, 6	4, 6	140	45
8T	2,829			800						F	1-3/16	2	4, 6	4, 6	140	45
8V	2,829			800						F	1-3/16	2	4, 6	4, 6	140	45
8M	2,519			709						T	1-3/16	2	6	6	111	33
8W	2,752			929						T	1-3/16	2	4, 6	4, 6	110	32
10VT-250	2,544			1,336						F	1-1/2	2-1/2	6, 8	6, 8	185	67
10VT-300	2,544			1,336						F	1-1/2	2-1/2	6, 8	6, 8	185	67
10VT400	2,320	2,219	2,430	1,067	1,256	1,439	1,309	1,348	1,529	F	1-1/2	2-1/2	6, 8	6, 8	213	73
10VT550	2,271	2,255	2,378	1,084	1,275	1,454	1,327	1,364	1,547	F	1-1/2	2-1/2	6, 8	6, 8	212	73
10VT700	2,292	2,258	2,406	1,094	1,292	1,564	1,343	1,382	1,651	F	1-1/2	2-1/2	6, 8	6, 8	213	74
10VT900	2,292	2,259	2,406	1,104	1,292	1,564	1,343	1,382	1,650	F	1-1/2	2-1/2	6, 8	6, 8	213	74
10VT1150	2,273	2,142	2,388	1,071	1,261	1,443	1,311	1,350	1,531	F	1-1/2	2-1/2	6, 8	6, 8	207	71
10VT1500	2,318	2,278	2,433	1,100	1,297	1,479	1,349	1,389	1,571	F	1-1/2	2-1/2	6, 8	6, 8	206	76
10A	2,556			1,401						T	1-1/2	2-1/2	6, 8	6, 8	185	67
10B	2,556			1,401						T	1-1/2	2-1/2	6, 8	6, 8	185	67
10D	2,556			1,401						T	1-1/2	2-1/2	6, 8	6, 8	185	67
10M	2,816			1,183						F	1-7/16	2-1/2	6	6	164	62
10G	2,735			1,426						T	1-1/2	2-1/2	6, 8	6, 8	200	73
10J	2,735			1,426						T	1-1/2	2-1/2	6, 8	6, 8	200	73
11M	3,515			1,449						F	1-7/16	2-1/2	8	8	217	86
11H	3,590			1,696						F	1-7/16	2-1/2	8	8	240	103

**Notes:**

(1) First stage price is a complete one stage bowl assembly with suction case or suction bell (not available on the 6M and 7M) and threaded discharge connection, unless otherwise noted. Prices are for Oil Lube or Water Lube configurations.

(2) 10VT400, 550, 700, 900, 1150, and 1500 - First stage Oil Lube consists of cast iron bowl, 316 stainless steel impeller (semi-open or closed), discharge case (and corresponding adapter, if required), suction case (and corresponding adapters, including suction bell, if required), 300 series stainless steel hardware and pipe plug, 416 stainless steel collet, sand collar, lip seals, bowl o-rings, and top bowl and suction bearings.

(3) 10VT400, 550, 700, 900, 1150, 1500 - First stage Water Lube consists of cast iron bowl, 316 stainless steel impeller (semi-open or closed), water lube adapter, suction case (and corresponding adapters, including suction bell, if required), 300 series stainless steel hardware and pipe plug, 416 stainless steel collet, sand collar, and top bowl and suction bearings.

(4) 10VT400, 500, 700, 900, 1150, 1500 - First Stage Oil Lube Ductile Iron Bowl - same as (2), but with ductile iron bowl in place of cast iron bowl.

(5) 10VT400, 550, 700, 900, 1150, 1500 - Add Stage - STANDARD - consists of cast iron bowl, 316 stainless steel impeller (closed or semi-open), rubber bearing, bowl o-ring, 300 series stainless steel hardware, 416 stainless steel collet.

(6) F = Flanged; T = Threaded

(7) When enclosed lineshaft is used, the bowl tube size may be different. A step connector arrangement is required. See page 9 for pricing.

## Berkeley® VT Series / Fairbanks Nijhuis® 7000 Series

Flow Series	First Stage			Each Add'l Stage - standard (5)	Each Add'l Stage					Bowl Conn (6)	Standard Connecting Dimensions				Weight (lbs)	
	(1), (2)	W/L (3)	O/L (4)		bronze bearing	Vesconite bearing	ductile iron bowl, rubber bearing	ductile iron bowl, bronze bearing	ductile iron bowl, Vesconite bearing		Shaft Size (in)	Tube Size (7) (in)	Column Size - threaded (in)		First Stage (2)	Each Add'l Stage
		closed or semi-open impeller	ductile iron bowl, closed or semi-open impeller										Open	Enclosed		
12VT-500	\$3,865			\$1,814						F	1-11/16	2-1/2	6, 8	6, 8	288	112
12VT-600	3,865			1,814						F	1-11/16	2-1/2	6, 8	6, 8	288	112
12VT550	3,068	\$2,854	\$3,252	1,491	\$1,537	\$1,753	\$1,673	\$1,719	\$1,936	F	1-11/16	2-1/2	8, 10	8, 10	243	94
12VT650	2,954	2,740	3,138	1,372	1,417	1,635	1,556	1,605	1,819	F	1-11/16	2-1/2	8, 10	8, 10	243	94
12VT900	2,884	2,672	3,071	1,310	1,357	1,574	1,492	1,543	1,758	F	1-11/16	2-1/2	8, 10	8, 10	230	81
12VT1100	3,058	2,844	3,242	1,477	1,522	1,739	1,659	1,709	1,922	F	1-11/16	2-1/2	8, 10	8, 10	244	92
12VT1350	3,138	2,922	3,322	1,639	1,686	1,902	1,826	1,869	2,089	F	1-11/16	2-1/2	8, 10	8, 10	264	125
12VT1650	3,276	3,060	3,461	1,779	1,828	2,040	1,960	2,012	2,227	F	1-11/16	2-1/2	8, 10	8, 10	264	125
12VT2000	3,337	3,126	3,523	1,728	1,890	2,106	2,021	2,072	2,291	F	1-11/16	2-1/2	8, 10	8, 10	243	104
12VT2500	3,180	2,964	3,362	1,571	1,728	1,948	1,866	1,911	2,128	F	1-11/16	2-1/2	8, 10	8, 10	241	102
12A	3,126			1,713						F	1-11/16	2-1/2	8, 10	8, 10	278	105
12B	3,126			1,713						F	1-11/16	2-1/2	8, 10	8, 10	278	105
12D	3,126			1,713						F	1-11/16	2-1/2	8, 10	8, 10	278	105
12K	4,254			2,368						T	1-11/16	2-1/2	8, 10	8, 10	328	123
12S	4,254			2,368						T	1-11/16	2-1/2	8, 10	8, 10	328	123
12M	4,033			1,780						F	1-11/16	2-1/2	8, 10	8, 10	310	120
12E	3,919			1,831						F	1-15/16	3	8, 10	8, 10	410	145
12G	3,919			1,831						F	1-15/16	3	8, 10	8, 10	410	145
12I	3,919			1,831						F	1-15/16	3	8, 10	8, 10	410	145
13H	4,165			1,839						F	1-11/16	2-1/2	10	10	337	152
14C (8)	6,318			3,332						F	2-3/16	3	10, 12	10, 12	700	265
14F (8)	5,933			3,145						F	2-3/16	3	10, 12	10, 12	700	265
14D (8)	5,367			2,394						F	2-3/16	3	10, 12	10, 12	700	265
14M (8)	5,964			2,669						F	1-15/16	3	10	10	428	172
14I (8)	6,081			3,060						F	2-3/16	3	12	12	675	245
14J (8)	6,081			3,060						F	2-3/16	3	12	12	675	245
15H (8)	7,205			3,149						F	1 15/16	3	12	12	543	200
16E (8)	8,234			4,608						F	2-3/16	3	12	12	400	250
17M (8)	8,762			4,070						F	2-3/16	3	14	14	630	250
17H (8)	9,241			4,223						F	2-3/16	3	14	14	685	285
18H (8)	11,616			5,135						F	2-3/16	3	12		670	350
19A, 19B (8)	11,952			6,571						F	2-3/16	3	12		610	350
21H (8)	24,004			17,344						F	2-7/16	3-1/2			1000	475

**Notes:**

(1) First stage price is a complete one stage bowl assembly with suction case or suction bell (not available on the 6M and 7M) and threaded discharge connection, unless otherwise noted. Prices are for Oil Lube or Water Lube configurations.

(2) 12VT550, 650, 900, 1100, 1350, 1650, 2000, and 2500 - First stage Oil Lube consists of cast iron bowl, 316 stainless steel impeller (semi-open or closed), discharge case (and corresponding adapter, if required), suction case (and corresponding adapters, including suction bell, if required), 300 series stainless steel hardware and pipe plug, 416 stainless steel collet, sand collar, lip seals, bowl o-rings, and top bowl and suction bearings.

(3) 12VT550, 650, 900, 1100, 1350, 1650, 2000, and 2500 - First stage Water Lube consists of cast iron bowl, 316 stainless steel impeller (semi-open or closed), water lube adapter, suction case (and corresponding adapters, including suction bell, if required), 300 series stainless steel hardware and pipe plug, 416 stainless steel collet, sand collar, and top bowl and suction bearings.

(4) 12VT550, 650, 900, 1100, 1350, 1650, 2000, and 2500 - First Stage Oil Lube Ductile Iron Bowl - same as (2), but with ductile iron bowl in place of cast iron bowl.

(5) 12VT550, 650, 900, 1100, 1350, 1650, 2000, and 2500 - Add Stage - STANDARD - consists of cast iron bowl, 316 stainless steel impeller (closed or semi-open), rubber bearing, bowl o-ring, 300 series stainless steel hardware, 416 stainless steel collet.

(6) F = Flanged; T = Threaded

(7) When enclosed lineshaft is used, the bowl tube size may be different. A step connector arrangement is required. See page 9 for pricing.

(8) Due to the weight of the assembled pumps, for fully assembled pumps at their maximum stage counts, please refer to the Factory for leadtimes.


**PENTAIR**  
 BERKELEY • FAIRBANKS NIJHUIS

## Berkeley® VT Series / Fairbanks Nijhuis® 7000 Series

## Bowl Assembly Adders

Flow Series	Dynamic Balance Impeller (per stage)	Adder Enclosing Tube Adapter (1)		Adder for single wear ring (bronze), per stage (3)	Certified Performance Test (2)
		FN	Layne		
6A, 6B	\$100	\$619	\$407	N/A	REFER TO FACTORY
6D, 6F	100	619	407	N/A	
6M	100	N/A	N/A	RTF	
6G, 6J	100	619	407	N/A	
7M	100	N/A	N/A	175	
7A, 7D, 7B	100	619	407	RTF	
8B	100	594	426	N/A	
8P, 8T, 8V	100	594	426	RTF	
8M	100	N/A	N/A	175	
8W	100	594	426	Incl	
10VT-250, 10VT-300	125	746	641	RTF	
10VT400	125	579	746	RTF	
10VT550	125	579	746	RTF	
10VT700	125	579	746	RTF	
10VT900	125	579	746	RTF	
10VT1150	125	579	746	RTF	
10VT1500	125	746	605	RTF	
10A, 10B, 10D	125	746	605	Incl	
10M	125	N/A	N/A	250	
10G, 10J	125	746	641	Incl	
10K, 10N	125	746	641	RTF	
11M	125	N/A	N/A	250	
11H	150	N/A	N/A	250	
12VT-500, 12VT-600	150	746	641	RTF	
12VT550	150	746	641	RTF	
12VT650	150	746	641	RTF	
12VT900	150	746	641	RTF	
12VT1100	150	746	641	RTF	
12VT1350	150	746	641	RTF	
12VT1650	150	746	641	RTF	
12VT2000	150	746	641	RTF	
12VT2500	150	746	641	RTF	
12A, 12B, 12D	150	806	641	Incl	
12K, 12S	150	806	641	Incl	
12M	150	N/A	N/A	300	
12E, 12G, 12I	150	806	641	300	
13H	175	N/A	N/A	375	
14C, 14F, 14D	175	1,206	913	375	
14M	175	N/A	N/A	375	
14I, 14J	175	1,206	913	RTF	
15H	200	N/A	N/A	400	
16E	225	1,206	913	Incl	
17M	225	N/A	N/A	475	
17H	225	N/A	N/A	475	
18H	RTF	N/A	N/A	Incl	
19A, 19B	RTF	N/A	N/A	Incl	
21H	RTF	N/A	N/A	Incl	

Notes:

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left unthreaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

(2) Certified Performance Testing is for bowl assembly only. Refer to Factory for cost and leadtime.

(3) adder includes the cost of the wear ring and any machining operation on the bowl

BASKET STRAINERS (CLIP-ON TYPE)							
FITS MODELS	PART DESCRIPTION	GALVANIZED			316 STAINLESS STEEL (unless otherwise noted)		
		SYMBOL	MATERIAL CODE	LIST PRICE	SYMBOL	MATERIAL CODE	LIST PRICE
6A, 6B, 6D, 6F, 6G, 6J	STRAINER BASKET 6.5" ID X 4" H	LV7975037	1112F	\$591	LV7975037	1116F	\$934
6M, 7M	STRAINER BASKET THRD 4" COL, 8" OD x 5"H	RT273B	7185F	1,068	RT273B	2580F	1,698
7A, 7B, 7D, 8B, 8W	STRAINER BASKET 8.5" OD X 5" H	LV7975038	1112F	676	LV7975038	1115F	1,224
8M	STRAINER BASKET w/CLIPS 8" OD X 7" H	HYD27D1	7185F	562	HYD27D1	2380F	959
8P, 8T, 8V, 10A, 10B, 10D, 10G, 10J	STRAINER BASKET 10.5" OD X 5" H	LV7975039	1112F	799	LV7975039	1115F	1,141
10M, 10VT-250, 10VT-300	STRAINER BASKET w/CLIPS 10" OD X 6" H	HYD27D2	7185F	554	HYD27D2	2580F	1,525
10K, 10N, 12A, 12B, 12D, 12K, 12S, 12V, 13E, 13F	STRAINER BASKET 12.5" OD X 6" H	LV7975040	1112F	920	LV7975040	1115F	2,066
10XH	STRAINER BASKET THRD 8" COL, 12" OD X 9" H	RF273B	7185F	1,349	NOT AVAILABLE		
10VT400, 10VT550, 10VT700, 10VT1150, 10VT1500, 10XHH, 11H, 11M, 12VT-500, 12VT-600	STRAINER BASKET w/CLIPS 11.5" OD X 8" H	HYD27D3	7185F	1,137	HYD27D3	2580F	1,402
12M, 12VT550, 12VT650, 12VT900, 12VT1100, 12VT1350, 12VT1650, 12VT2000, 12VT2500	STRAINER BASKET w/CLIPS 13" OD X 7" H	HYD27D6	7185F	936	HYD27D6	2580F	1,758
12E, 12G, 12I, 12N, 12U, 12W	STRAINER BASKET 14.13" OD X 7" H	LV7975041	1112F	956	LV7975041	1115F	2,056
13H	STRAINER BASKET W/CLIPS 13" OD X 11" H	HYD27D7	7185F	753	HYD27D7	2580F	1,500
14C, 14D, 14F, 14I, 14J, 16E, 18H, 19A/B	STRAINER BASKET 18.25" OD X 9" H	LV7975043	1112F	1,063	LV7975043	1115F	3,317
14M, 15H	STRAINER BASKET W/CLIPS 14.75" OD X 13" H	HYD27D8	7185F	956	HYD27D8	2580F	1,362
16XH, 17M 12" 8211 & 8312	STRAINER BASKET W/CLIP, 18" OD X 9" H	HYD27D11	7185F	1,032	HYD27D11	2380F	1,981
17H	STRAINER BASKET W/CLIPS 16.75" X 9" H	HYD27D10	7185F	767	HYD27D10-	2380F	1,579
18XH, 20H, 21M, 14" 8312, 21H	STRAINER BASKET W/CLIPS 20.75" X 8" H	HYD27D12	7185F	1,078	HYD27D12	2580F	4,066
8" 8211	STRAINER BASKET W/CLIPS 13" OD X 4" H	HYD27D5	7185F	645		2380F	1,589
10" 8211 & 8312	STRAINER BASKET W/CLIPS 15.5" OD X 5" H	HYD27D9	7185F	864	HYD27D9	2580F	1,821
16" 8312	STRAINER BASKET W/CLIPS 24" OD X 7" H	HYD27D14	7185F	1,181	HYD27D14	2580F	3,544

CONE STRAINERS							
FITS MODELS	PART DESCRIPTION	GALVANIZED			316 STAINLESS STEEL (unless otherwise noted)		
		SYMBOL	MATERIAL CODE	LIST PRICE	SYMBOL	MATERIAL CODE	LIST PRICE
6A, 6B, 6D, 6F, 6G, 6J, 8B	STRAINER CONE 4" X 12.75 L 3/4 TAPER	RT42FT-	7185F	510	NOT AVAILABLE		
6M, 7M	STRAINER CONE 4" COL X 12.75 L	RT42F	7185F	560	RT42F	2580F	1,005
7A, 7B, 7D, 8W, 10A, 10B, 10D	STRAINER CONE 6" X 16.75 L 3/4 TAPER	RD42LT-	7185F	611	NOT AVAILABLE		
8M, 10M, 10VT-250, 10VT-300	STRAINER CONE 6" COL X 16.75 L	RD42L	7185F	535	RD42L	2580F	1,377
8P, 8T, 8V	STRAINER CONE 5" NPT MALE	LV7970087	1112F	579	NOT AVAILABLE		
10G, 10J, 10K, 10N, 12A, 12B, 12D, 12E, 12G, 12I, 12VT550, 12VT650, 12VT900, 12VT1100, 12VT1350, 12VT1650, 12VT2000, 12VT2500	STRAINER CONE 8 3/4 TAPER TREAD	RF42NT-	7185F	829	RF42NT-	2580F	1,688
10XH, 10XHH, 11H, 11M, 12M, 12VT-500, 12VT-600	STRAINER CONE 8" COL X 23 L	RF42N	7185F	771	RF42N	2580F	1,893
12K, 12S, 12N, 12U, 12V, 12W 13E, 13F, 14C, 14D, 14F, 12VT550, 12VT650, 12VT900, 12VT1100, 12VT1350, 12VT1650, 12VT2000, 12VT2500	STRAINER CONE 10" X 30.5 L 3/4 TAPER	RK42ET-	7185F	1,141	NOT AVAILABLE		
13H, 14M	STRAINER CONE 10" COL X 30.5 L	RK42E	7185F	1,342	NOT AVAILABLE		
14I, 14J	STRAINER CONE 12" X 32.5" L 3/4 TAPER	RM42FT-	7185F	1,174	RM42FT-	2380F	2,709
15H	STRAINER CONE 12" COL X 32.5 L	RM42F	7185F	865	RM42F	2380F	3,019
16E	NOT AVAILABLE						
17H, 17M	STRAINER CONE 14" COL X 42.5 L	RN294A	7185F	1,180	NOT AVAILABLE		

Material Codes		
Material	Fairbanks Nijhuis "HYD" or "R"	Layne "LV"
Galvanized	7185F	1112F
316 stainless steel	2580F	1115F
304 stainless steel	2380F	1116F

6A, 6B, 6D, 6F, 6G, 6J, 8M 16XH, 17M, 12" 8211 & 8312 17H, 18XH, 20H, 21M, 14" 8312 8" 8211	basket strainers are available in Galvanized or 304 stainless steel only
14I, 14J, 15H	cone strainers are available in Galvanized or 304 stainless steel only

THREADED COLUMN - STANDARD WALL THICKNESS (1)												
COLUMN SIZE	2 FOOT SECTION			5 FOOT SECTION			10 FOOT SECTION			20 FOOT SECTION		
STANDARD STOCK	PART NUMBER	WT (LBS)	LIST PRICE	PART NUMBER	WT (LBS)	LIST PRICE	PART NUMBER	WT (LBS)	LIST PRICE	PART NUMBER	WT (LBS)	LIST PRICE
6"	FMB62904B	38	\$783	PCT060500111 7380F	108	\$826	PCT061000111 7380F	202	\$1,385	PCT062000111 7380F	392	\$2,580
8"	FMB46763A	50	792	PCT080500111 7380F	147	993	PCT081000111 7380F	272	1,655	PCT082000111 7380F	518	2,983
10"	FMB46763B	63	810				PCT101000111 7380F	345	1,712			
OPTIONAL SIZES AND LENGTHS - QUOTE TO ORDER												
4"	N/A	N/A	N/A	RTF	RTF	RTF	RTF	RTF	RTF	RTF	RTF	RTF
12"	N/A	N/A	N/A	RTF	RTF	RTF	RTF	RTF	RTF	RTF	RTF	RTF
14"	N/A	N/A	N/A	RTF	RTF	RTF	RTF	RTF	RTF	RTF	N/A	N/A

(1) Column List Price includes threaded column coupling

Column Size	24" Nipple (3)		Column Coupling	
	Wgt	List	Wgt	List
4"	26	N/A	5	\$175
6"	38	N/A	10	175
8"	50	\$537	15	196
10"	63	558	20	290
12"	88	N/A	25	608

(3) Nipple is threaded with standard wall thickness

Non-catalog (Non-standard) Impeller Trim Charges	
Description	NET Price
Non-catalog (Non-standard) Impeller Trim Charge	\$500



**Column, Shaft**

Open Intermediate Lineshaft (1)					
Column Size	Shaft Size	5 Foot Section		10 Foot Section	
		Weight (lbs)	List Price	Weight (lbs)	List Price
4"	1"	17	\$377	31	\$651
	1 1/4"	23	542	43	533
6"	1"	18	476	32	693
	1 3/16"	23	596	43	803
	1 1/4"	25	619	45	1,127
8"	1 1/2"	34	900	63	596
	1"	19	531	33	752
	1 3/16"	24	658	44	778
	1 1/4"	26	677	46	938
	1 7/16"	33	734	62	1,061
	1 1/2"	35	874	64	1,127
	1 11/16"	46	935	123	1,392
10"	1 15/16"	58	1,149	111	661
	1"	22	611	36	880
	1 3/16"	26	773	45	900
	1 1/4"	28	802	48	1,002
	1 7/16"	35	853	63	1,155
	1 1/2"	37	963	66	1,236
	1 11/16"	49	1,007	126	1,391
	1 15/16"	61	1,123	114	1,841
12"	2 3/16"	76	1,558	143	869
	1"	25	820	39	1,106
	1 1/4"	31	1,016	51	1,183
	1 1/2"	40	1,099	69	2,072
14"	2 3/16"	79	1,786	146	1,149
	1"	30	1,108	45	1,387
	1 1/4"	36	1,302	58	1,527
	1 1/2"	45	1,418	76	1,597
	1 11/16"	57	1,444	137	1,833
	1 15/16"	69	1,623	150	2,448
	2 3/16"	84	2,112	166	2,332

(1) Intermediate lineshaft includes: Shaft, Coupling, Bearing Retainer, Bearing, and Shaft Sleeve

Enclosed Intermediate Lineshaft (1)							
Shaft Size	Tube Size	5 Foot Section		10 Foot Section		20 Foot Section	
		Weight (lbs)	List Price	Weight (lbs)	List Price	Weight (lbs)	List Price
1"	1 1/2"	34	\$181	69	\$344	134	RTF
1 3/16"	2"	48	288	96	411	190	RTF
1 1/4"	2"	50	315	99	562	197	RTF
1 7/16"	2 1/2"	72	364	144	425	280	RTF
1 1/2"	2 1/2"	74	454	147	687	293	RTF
1 11/16"	2 1/2"	81	519	161	809	322	RTF
1 15/16"	3"	111	626	222	1,080	444	RTF
2 3/16"	3"	130	874	255	1,363	515	RTF
2 3/16"	3 1/2"	145	1,211	290	1,710	580	RTF

**Step Connector Adder (2)**

Shaft Size	Tube Size	Discharge Bowl Tube Size			
		2"	2 1/2"	3"	3 1/2"
1"	1 1/2"	\$737	\$898	\$1,170	RTF
1 1/4"	2"		946	1,452	RTF
1 1/2"	2 1/2"		1,472	RTF	
1 11/16"	2 1/2"		1,472	RTF	
1 15/16"	3"			RTF	
2 3/16"	3"			RTF	

**Black Widow Spiders (a/k/a Enclosing Tube Adaptors)**

Column Size	Tube Size List Price			
	1 1/2"	2"	2 1/2"	3"
4"	\$24			
6"	29	29	RTF	
8"	38	49	49	RTF
10"	61	65	66	75
12"		66	72	89

(1) Assembly includes: Lineshaft, coupling, 5 foot length enclosing tubes, and bearings.

(2) If enclosing tube size selected is less than the bowl tube size (from page 2 or 3), a step connector arrangement is required. A 5 foot tube matching the bowl tube dimension is supplied along with a stepped bearing to join the different size tubes.

**Discharge Heads - cast iron**

Size	Type DT Head <sup>1</sup>				Type CT Head (J-Thread) <sup>2</sup>				Type D Head <sup>3</sup>				Type H Head <sup>4</sup>			
	Model Number	Rating	Wt (lbs)	List Price	Model Number	Rating	Wt (lbs)	List Price	Model Number	Rating	Wt (lbs)	List Price	Model Number	Rating	Wt (lbs)	List Price
12 x 4	H12T7100D 0220F-A	125# psi	205	\$2,178					H12T7100J 0220F-A	250# psi	205	\$2,303				
	H12TL7100A 0220F-A	125# psi	205	2,178												
16-1/2 x 6					H16DL7100E 0220F-A	125# psi	358	\$2,878	H16D7100C 0220F-A	125# psi	371	3,386				
									H16D7100D 0220F-A	250# psi	371	3,598				
16-1/2 x 8					H16FL7100F 0220F-A	125# psi	364	2,937	H16F7100A 0220F-A	125# psi	464	3,878				
									H16F7100B 0220F-A	250# psi	464	4,063				
16-1/2 x 10					H16KL7100D 0220F-A	125# psi	384	3,122								
20 x 10 (5)									H20K7100A 0220F-A	125# psi	498	4,988				
									H20K7100B 0220F-A	250# psi	498	5,216				
20 x 12					H20ML7100C 0220F-A	125# psi	540	4,157					HLM100B 0220F-A	125# psi	1015	\$14,116
24-1/2 x 14 (6)													HPN100A 0220F-A	125# psi	1660	18,803

- (1) DT Heads include discharge head, hardware, and pipe plugs.  
 (2) CT Heads include discharge head and pipe plugs.  
 (3) D Heads include discharge head, column flange, column flange gasket, hardware, and pipe plugs.  
 (4) H Heads include discharge head, column flange, column flange gasket, hardware, and pipe plugs.  
 (5) D Head, 20 x 10 - for a 12" column flange (instead of a 10"), please refer to factory for price.  
 (6) Due to the weight of this discharge head, it is sold as a separate component ONLY. It is not sold as part of the complete pump assembly.

**Shaft Sealing Assembly**

Shaft Size	Open Lineshaft (4)			Enclosed Lineshaft (5)	
	Wt (lbs)	List Price (175#)	List Price (400#)	Wt (lbs)	List Price
1"	30	\$594	\$709	26	\$1,074
1 1/4"	37	1,036	1,204	34	1,192
1 1/2"	47	1,294	1,193	47	1,330
1 11/16"	59	869	1,237	56	1,424
1 15/16"	72	1,135	1,642	70	2,331
2 3/16"	88	1,845	2,451	86	2,331

**Oil Lube Assembly**

Model Number	Description	List
G16848 1111G	Manual Oiler Assembly with Drifter and Oil Pot	\$502

**2 pc. Head Shaft (6)**

Shaft Size	List
1"	\$304
1 1/4"	357
1 1/2"	382
1 11/16"	405
1 15/16"	516
2 3/16"	547

**Notes:**

- (1) Price includes Discharge Head. D-Type heads also include column flange and hardware. (See Parts list pg. 47.)  
 (2) 12" x 4" head is designated as a DT head  
 (3) For 12" column flange (in lieu of 10") on 20" x 10" D-Type discharge head refer to factory for price.  
 (4) Includes: Either 175# or 400# Packing Box Assembly, Packing Box Capscrews, Gland Halves, Gland Bolts, Gland Nuts, Gland Capscrews, Packing, Water Seal Ring, Packing Box Bushing, Water Deflector and Top Shaft Sleeve.  
 (5) Includes Top TubeTension Nut and Gasket.  
 (6) Head Shaft includes: Shaft, Adjusting Nut, and Lockdown Screw

**Propeller Pumps**
**Fairbanks Nijhuis® 8211 Propeller Pump**

Bowl Assembly								
Bowl Size	1-Stage		2-Stage		Shipping Weight		Strainer	
	Parts (2) Kit	Pump (3) Assy'd	Parts (2) Kit	Pump (3) Assy'd	ONE Stage	TWO Stage	Wgt	List
8" (1)	\$5,465	\$6,121	\$9,246	\$10,356	130	260	20	\$645
10" (1)	6,860	7,684	11,167	12,508	200	385	25	864
12" (1)	12,847	14,389	18,212	20,398	275	540	30	1032
20" (4)	24,555	27,502	39,600	44,353	800	1,230	38	RTF

**Fairbanks Nijhuis® 8312 Propeller Pump**

Bowl Assembly								
Bowl Size	1-Stage		2-Stage		Shipping Weight		Strainer	
	Parts (2) Kit	Pump (3) Assy'd	Parts (2) Kit	Pump (3) Assy'd	ONE Stage	TWO Stage	Wgt	List
10"	\$5,988	\$6,707	\$11,642	\$13,040	240	360	25	\$864
10" Thrd	9,255	10,366	13,255	14,846	260	360	25	864
12"	10,135	11,352	16,518	18,501	350	550	30	1032
14"	14,458	16,193	27,705	31,030	480	755	35	1078
16"	18,993	21,273	31,377	35,143	625	1,025	40	1181
20" (4)	36,731	41,139	56,078	62,808	1,290	2,150	48	RTF
24" (4)	32,842	36,784	50,140	56,157	1,700	2,800	55	RTF
30" (4)	68,047	76,213	125,777	140,871	2,500	4,150	60	RTF

**Notes:**

(1) Threaded column flange to connect bowl to threaded column:

8" 8211 to connect 8" column	H6D550A 0220F	\$2,652	List Adder
10" 8211 to connect 10" column	H7K7305A 0220F	994	List Adder
12" 8211 to connect 12" column	H6P553B 0220F	2394	List Adder

(2) Bowl assembly is unassembled and less the pump shaft and coupling.

(3) Bowl assembly is assembled

(4) Due to the weight of the assembled pumps, fully assembled pumps are bowl assemblies only. They do NOT include assembled column pipe, discharge heads, etc. Refer to Factory for leadtimes.

**U.S. JANUARY 1, 2025 LIST PRICES**  
**Parts Pricing Section**



# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

6A, 6B			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	LV8155007	0220F	\$359.00
SUCTION BELL	LV8155008	0220F	426.00
BRG, SUCTION 1 X 1 3/16 X 3 1/4	LV0695073	9649F	149.00
PIPE PLUG 1"	20F7A0003	0008F	7.59
SAND COLLAR	LV2255075	9649F	214.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER. & TOP INTER BOWL	LV1055005	0221F	240.00
BRG, INTER BOWL 1X1 3/16 X 1 1/2	LV0695253	9649F	60.00
BRG, TOP INTER BOWL O/L 1 X 1 3/16 X 4 3/8	LV0695258	9649F	142.00
BRG, TOP INTER BOWL W/L 1X1 3/16 X 1 1/2	LV0695253	9649F	60.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
COLLETS 1" (416 Stainless Steel)	LV2275002	3080F	59.00
DISCHARGE CASE ( LAYNE) 4"	LV1825009	0221F	544.00
DISCHARGE CASE (FN ) 4"	LV1825370	0221F	616.00
BRG, DISCHARGE CASE W/L 1 X 1 3/16 X 4 1/2	LV0695176	9649F	128.00
SAND COLLAR W/L	LV2255028	9380F	73.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	2.00 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	2.50 LBRH	n/a	
LIP SEAL 1"ID x 1-1/2"OD (O/L Only) (qty 2)	HYD2Q113	n/a	66.00
IMPELLER 6A	LV4455023	2660F	497.00
IMPELLER 6B	LV4455024	2660F	497.00

Pump Shaft, 1" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.



# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

6M			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7A91A	0220F	\$398.00
BRG, SUCTION 1 X 1 1/4 X 3 1/8	T7B106A	9649F	87.00
PIPE PLUG 3/4"	20F7A0002	0008F	6.75
SAND COLLAR	T7B80	9649F	211.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7A90	0221F	378.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
BRG, TOP BOWL 1 X 1 1/4 X 3 1/8	T7B106A	9649F	87.00
BRG, INTER BOWL 1 X 1 1/4 X 1 1/8	T7B106	9649F	87.00
COLLET 1" (416 Stainless Steel)	T7B138	3080F	118.00
CONNECTOR BEARING	DB20A	9649F	112.00
DISCHARGE CASE ( FN ) 4" LH	T7A89	0221F	383.00
DISCHARGE CASE ( FN ) 4" Semi-Finished	T7A89A	0220F	1,283.00
COUPLING, (REQUIRED) (to convert Discharge Case from male to female thread)	RT7086A	7380F	267.00
SEAL, DISCHARGE CASE LIP (O/L Only) (2 each)	HYD2Q113		66.00
PIPE PLUG 1/2", DISCH CASE (W/L Only) (2 each)	20F7A0001	0008F	3.80
IMPELLER 6M	T7AA92	2660F	518.00

Pump shaft, 1" diameter



# PENTAIR BERKELEY • FAIRBANKS NIJHUIS

## Pump Parts

6G, 6J			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	LV8155015	0220F	\$359.00
SUCTION BELL	LV8155016	0220F	317.00
BRG, SUCTION 1 X 1 3/16 X 3 1/4	LV0695073	9649F	149.00
PIPE PLUG 1"	20F7A0003	0008F	7.59
SAND COLLAR	LV2255075	9649F	214.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER. & TOP INTER BOWL	LV1055010	0221F	262.00
BRG, INTER BOWL 1X1 3/16 X 1 1/2	LV0695253	9649F	60.00
BRG, TOP INTER BOWL O/L 1 X 1 3/16 X 4 3/8	LV0695258	9649F	142.00
BRG, TOP INTER BOWL W/L 1X1 3/16 X 1 1/2	LV0695253	9649F	60.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
COLLETS 1" (416 Stainless Steel)	LV2275002	3080F	59.00
DISCHARGE CASE ( LAYNE) 4" RH	LV1825009	0221F	544.00
DISCHARGE CASE (FN ) 4" LH	LV1825370	0221F	616.00
BRG, DISCHARGE CASE W/L 1 X 1 3/16 X 4 1/2	LV0695176	9649F	128.00
SAND COLLAR W/L	LV2255028	9380F	73.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	2.00 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	2.50 LBRH	n/a	
LIP SEAL 1"ID x 1-1/2"OD (O/L Only) (qty 2)	HYD2Q113	n/a	66.00
IMPELLER 6G	LV4455018	2660F	519.00
IMPELLER 6J	LV4455019	2660F	519.00

Pump Shaft, 1" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.



# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

6D, 6F			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	LV8155009	0220F	\$402.00
SUCTION BELL	LV8155010	0220F	341.00
BRG, SUCTION 1 X 1 3/16 X 3 1/4	LV0695073	9649F	149.00
PIPE PLUG	20F7A0003	0008F	7.59
SAND COLLAR	LV2255075	9649F	214.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	LV1055006	0221F	298.00
BRG, INTER BOWL 1 X 1 3/16 X 1 1/2	LV0695253	9649F	60.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
BRG, TOP INNER O/L 1 X 1 3/16 X 4 3/8	LV0695258	9649F	142.00
BRG, TOP INNER W/L 1 X 1 3/16 X 1 1/2	LV0695253	9649F	60.00
COLLETS 1" (416 Stainless Steel)	LV2275002	3080F	59.00
DISCHARGE CASE ( LAYNE ) 4" RH	LV1825006	0220F	616.00
DISCHARGE CASE ( FN ) 4" LH	LV1825370	0221F	616.00
BRG, DISCH CASE W/L 1 X 1 3/16 X 4 1/2	LV0695176	9649F	128.00
SAND COLLAR W/L	LV2255028	9380F	73.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	2.00 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	2.50 LBRH	n/a	
LIP SEAL 1"ID x 1-1/2"OD (O/L Only) (qty 2)	HYD2Q113	n/a	66.00
IMPELLER 6D	LV4455025	2660F	753.00
IMPELLER 6F	LV4455026	2660F	753.00

Pump shaft, 1" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.





# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

7M			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7B91A	0220F	\$466.00
BRG, SUCTION 1 X 1 1/4 X 3 1/8	T7B106A	9649F	87.00
PIPE PLUG 3/4"	20F7A0002	0008F	6.75
SAND COLLAR 1"	T7B80	9649F	211.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7B90	0221F	193.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
BRG, TOP BOWL 1" 1 X 1 1/4 X 3 1/8	T7B106A	9649F	87.00
BRG, INTER BOWL 1 X 1 1/4 X 1 1/8	T7B106	9649F	87.00
COLLET 1" (416 Stainless Steel)	T7B138	3080F	118.00
CONNECTOR BEARING	DB20A	9649F	112.00
DISCHARGE CASE ( FN ) 4" LH	T7B89	0221F	691.00
DISCHARGE CASE ( FN ) 4" Semi-Finished	T7B89A	0220F	796.00
COUPLING, (REQUIRED) (to convert Discharge Case from male to female thread)	RT7086A	7380F	267.00
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q113	n/a	66.00
PIPE PLUG 1/2", DISCH CASE (W/L Only) (qty 2)	20F7A0001	0008F	3.80
IMPELLER 7M	T7BA92	2660F	611.00

Pump shaft, 1" diameter



# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

7A, 7B			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	LV8155020	0220F	\$560.00
SUCTION BELL	LV8155021	0220F	402.00
BRG, SUCTION 1 X 1 3/16 X 3 1/4	LV0695073	9649F	149.00
PIPE PLUG 1"	20F7A0003	0008F	7.59
CAP SCREWS 3/8 X 1 NC (# of stages+1)x8=qty (the extra 8 is for the Disch Case)	11F7A0055	0002F	2.84
SAND COLLAR	LV2255075	9649F	214.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER & TOP INTER BOWL	LV1055019	0221F	303.00
BRG, INTER BOWL 1 X 1 3/16 X 1 1/2	LV0695253	9649F	60.00
CAP SCREWS 3/8 X 1 NC	11F7A0055	0002F	2.84
BRG, TOP INNER O/L 1 X 1 3/16 X 4 3/8	LV0695258	9649F	142.00
BRG, TOP INNER W/L 1 X 1 3/16 X 1 1/2	LV0695253	9649F	60.00
CAP SCREWS 3/8 X 1 NC TOP INNER (qty needed for assembly is included above)	11F7A0055	0002F	2.84
COLLETS 1" (416 Stainless Steel)	LV2275002	3080F	59.00
DISCH. CASE ( LAYNE ) 4" RH	LV1825022	0221F	636.00
DISCH. CASE (LAYNE ) 6" RH	LV1825018	0220F	636.00
DISCH. CASE ( FN ) 4" LH	LV1825383	0221F	636.00
DISCH. CASE ( FN ) 6" LH	LV1825385	0221F	636.00
BRG, DISCH CASE W/L 1 X 1 3/16 X 4 1/2	LV0695176	9649F	128.00
SAND COLLAR W/L	LV2255028	9380F	73.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	2.00 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	2.50 LBRH	n/a	
LIP SEAL 1"ID x 1-1/2"OD (O/L Only) (qty 2)	HYD2Q113	n/a	66.00
IMPELLER 7A	LV4455083	2660F	1,120.00
IMPELLER 7B	LV4455084	2660F	1,120.00

Pump shaft, 1" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.



# PENTAIR BERKELEY • FAIRBANKS NIJHUIS

## Pump Parts

8B			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE (FOR WEAR RING)	LV8155028	0220F	\$639.00
SUCTION BELL (FOR WEAR RING)	LV8155029	0220F	563.00
WEAR RING, SUCTION BOWL	LV6775171	9649F	91.00
BRG, SUCTION 1 3/16 X 1 1/2 X 4 1/2	LV0695064	9649F	125.00
PIPE PLUG 1 1/2	20F7A0005	0008F	11.94
SAND COLLAR	LV2255076	9649F	286.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER & TOP INTER BOWL (FOR WEAR RING)	LV1055038	0221F	461.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
WEAR RING, INTER BOWLS	LV6775171	9649F	91.00
BRG, INTER BOWL 1 3/16 X 1 1/2 X 1 7/8	LV0695063	9649F	72.00
BRG, TOP INTER O/L 1 3/16 X 1 1/2 X 5	LV0695107	9649F	692.00
BRG, TOP INTER W/L 1 3/16 X 1 1/2 X 1 7/8	LV0695063	9649F	72.00
COLLET 1-3/16 (416 Stainless Steel)	LV2275003	3080F	180.00
DISCHARGE CASE ( LAYNE ) 4" RH	LV1825031	0221F	588.00
DISCHARGE CASE ( LAYNE ) 6" RH	LV1825033	0221F	588.00
DISCHARGE CASE ( FN ) 4" LH	LV1825381	0221F	588.00
DISCHARGE CASE ( FN ) 6" LH	LV1825366	0221F	588.00
BRG, DISCH CASE W/L 1 3/16 X 1 1/2 X 4 1/2	LV0695064	9649F	125.00
SAND COLLAR W/L	LV2255029	9380F	61.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	2.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	3.00 LBRH	n/a	
LIP SEAL (O/L Only) (qty 2)	HYD2Q217	n/a	123.00
IMPELLER 8B	LV4455110	1140F	885.00

Pump shaft, 1-3/16" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

8P, 8T, 8V			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	LV8150631	0220F	\$617.00
SUCTION BELL	LV8150641	0220F	383.00
BRG, SUCTION 1 3/16 X 1 7/16 X 5 1/8	LV0690010	9649F	241.00
PIPE PLUG 1"	20F7A0003	0008F	7.59
SAND COLLAR	LV2250010	9649F	713.00
SAND COLLAR SET SCREW (qty 1)	11F23A0023	0005F	2.84
CAP SCREWS 3/8 X 1 1/4 (# of stages+1)x8=qty (the extra 8 is for the Disch Case)	11F7A0056	0003F	3.32
INTER & TOP INTER. BOWL	LV1050466	0221F	390.00
BRG, INTER. BOWL 1 3/16 X 1 7/16 X 2 1/2	LV0690221	9649F	88.00
CAP SCREW 3/8 X 1 1/4	11F7A0056	0005F	3.80
BRG, TOP INTER O/L 1 3/16 X 1 7/16 X 6 3/8	LV0690011	9649F	204.00
BRG, TOP INTER. W/L 1 3/16 X 1 7/16 X 2 1/2	LV0690221	9649F	88.00
CAP SCREWS 3/8 X 1 1/4 (qty needed for assembly is included above)	11F7A0056	0003F	3.32
COLLET 1-3/16 (416 Stainless Steel)	LV2275003	3080F	180.00
DISCHARGE CASE ( LAYNE ) 4" RH	LV1825355	0221F	616.00
DISCHARGE CASE ( LAYNE ) 6" RH	LV1825046	0221F	616.00
DISCHARGE CASE ( FN ) 4" LH	LV1825386	0221F	616.00
DISCHARGE CASE ( FN ) 6" LH	LV1825388	0221F	616.00
BRG, DISCH CASE W/L 1 3/16 X 1 7/16 X 5 1/8	LV0690010	9649F	241.00
SAND COLLAR W/L	LV2255029	9380F	61.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	2.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	3.00 LBRH	n/a	
LIP SEAL (1-3/16"IDx1-7/8"OD) (O/L Only) (qty 2)	HYD2Q4	n/a	63.00
IMPELLER 8P	LV4450549	2660F	965.00
IMPELLER 8T	LV4450550	2660F	993.00
IMPELLER 8V	LV4450551	2660F	993.00

Pump shaft, 1-3/16" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.



# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

8M			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7C91A	0220F	\$524.00
SUCTION BELL	T7C91	0220F	378.00
BRG, SUCTION 1 3/16 X 1 7/16 X 3 7/32	T7C106A	9649F	111.00
PIPE PLUG 3/4"	20F7A0002	0008F	6.75
SAND COLLAR	T7C80	9649F	387.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7C90	0221F	492.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
BRG, TOP BOWL 1 3/16 X 1 7/16 X 3 7/32	T7C106A	9649F	111.00
BRG, INTER BOWL 1 3/16 X 1 7/16 X 1 7/8	T7C106	9649F	131.00
COLLET 1-3/16" (416 Stainless Steel)	T7C138	3080F	106.00
CONNECTOR BEARING	DC20B	9649F	213.00
DISCHARGE CASE ( FN ) 6" LH	T7C89	0221F	1,424.00
DISCHARGE CASE ( FN ) 6" Semi-Finished	T7C89B	0220F	1,424.00
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q4	n/a	63.00
PIPE PLUG 1/2", DISCH CASE (W/L Only) (qty 2)	20F7A0001	0008F	3.80
IMPELLER 8M	T7CA92	2660F	727.00

Pump shaft, 1-3/16" diameter



# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

8W			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE (for wear ring)	LV8155034	0220F	\$464.00
SUCTION BELL (for wear ring)	LV8155027	0220F	380.00
WEAR RING, SUCTION BOWL	LV6775144	9649F	204.00
BRG, SUCTION 1 3/16 X 1 1/2 X 4 1/2	LV0695064	9649F	125.00
PIPE PLUG 1 1/2	20F7A0005	0008F	11.94
SAND COLLAR	LV2255076	9649F	286.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER & TOP INTER BOWL (for wear ring)	LV1055026	0221F	399.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
WEAR RING, INTER BOWLS	LV6775144	9649F	204.00
BRG, INTER BOWLS 1 3/16 X 1 1/2 X 1 7/8	LV0695063	9649F	72.00
BRG, TOP INTER O/L 1 3/16 X 1 1/2 X 5 1/2	LV0695108	9649F	179.00
BRG, TOP INTER W/L 1 3/16 X 1 1/2 X 1 7/8	LV0695063	9649F	72.00
COLLET 1-3/16 (416 Stainless Steel)	LV2275003	3080F	180.00
DISCHARGE CASE ( LAYNE ) 4" RH	LV1825031	0221F	588.00
DISCHARGE CASE ( LAYNE ) 6" RH	LV1825033	0221F	588.00
DISCHARGE CASE ( FN ) 4" LH	LV1825381	0221F	588.00
DISCHARGE CASE ( FN ) 6" LH	LV1825366	0221F	588.00
BRG, DISCH. CASE W/L 1 3/16 X 1 1/2 X 4 1/2	LV0695064	9649F	125.00
SAND COLLAR W/L	LV2255029	9380F	61.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	2.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	3.00 LBRH	n/a	
LIP SEAL (O/L Only) (qty 2)	HYD2Q217	n/a	123.00
IMPELLER 8W	LV4455125	2660F	796.00

Pump shaft, 1-3/16" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

10VT-250, 10VT-300			
PART DESCRIPTION	PART NUMBER OR SYMBOL	MATERIAL DESCRIPTION OR MATERIAL CODE	LIST PRICE
SUCTION CASE	M16083	class 30 cast iron	\$621.00
SUCTION BELL	M16084	class 30 cast iron	621.00
BRG, SUCTION - 1-1/2" X 2" X 4-5/8"	M16143	bronze B505 C93200	87.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	M16145	bronze B505 C93200	92.00
SAND COLLAR SET SCREW	11F23A0037	0014F	3.03
INTER & TOP INTER BOWL	M16079	class 30 cast iron, coated interior	1,113.00
BRG, TOP INTER (O/L or W/L) - 1-1/2" X 2" X 4-5/8"	M16143	bronze B505 C93200	87.00
CAP SCREW, INTER BOWL - (# OF STAGES) X 8	11F7A0112	0002F	3.03
STANDARD - BRG, INTER BOWLS - 1-1/2" X 2" X 2.4"	M16144	bronze B505 C93200	35.00
OPTIONAL - BRG, INTER BOWLS - 1-1/2" X 2" X 2.94"	M16146	rubber	54.00
COLLET 1-1/2" (416 Stainless Steel)	LV2275004	3080F	129.00
DISCHARGE CASE ( LAYNE ) 6" RH	M16149	class 30 cast iron	965.00
DISCHARGE CASE ( LAYNE ) 8" RH	M16151	class 30 cast iron	965.00
DISCHARGE CASE ( FN ) 6" LH	M16082	class 30 cast iron	965.00
DISCHARGE CASE ( FN ) 8" LH	M16141	class 30 cast iron	965.00
DISCHARGE CASE 6" BLANK	M16150	class 30 cast iron	965.00
DISCHARGE CASE 8" BLANK	M16152	class 30 cast iron	868.00
CAP SCREW, DISCHARGE CASE - (QTY 8)	11F7A0112	0002F	3.03
PIPE PLUG 3/4" - (W/L ONLY) - (QTY 2)	20F7A0002	0008F	6.75
CONNECTOR BEARING - (O/L ONLY)	DD20Y	9649F	179.00
ENCLOSING TUBE ADAPTER - (FN) - (O/L ONLY)	3.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER - (LAYNE) - (O/L ONLY)	3.50 LBRH	n/a	
LIP SEAL - (O/L ONLY) - (QTY 2)	HYD2Q127	n/a	60.00
IMPELLER 10VT-250	M16080	316 stainless steel	701.00
IMPELLER 10VT-300	M16081	316 stainless steel	701.00

Pump shaft, 1-1/2" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

10VT400, 10VT550, 10VT700, 10VT1150, 10VT1500				
PART DESCRIPTION	PART NUMBER OR SYMBOL	MATERIAL DESCRIPTION OR MATERIAL CODE	FLOW SERIES	LIST PRICE
SUCTION CASE	M16729	class 30 cast iron	ALL	\$427.00
SUCTION CASE IMPELLER ADAPTER	M16759	class 30 cast iron	10VT400	114.00
SUCTION CASE IMPELLER ADAPTER	M16760	class 30 cast iron	10VT550, 700	80.00
SUCTION CASE IMPELLER ADAPTER	M16972	class 30 cast iron	10VT900, 1150	62.00
SUCTION ADAPTER 8" NPT X 6" NPT	M16750	class 30 cast iron	ALL - as required	165.00
SUCTION BELL (ADAPTER)	M16749	class 30 cast iron	ALL - as required	137.00
BEARING, SUCTION	M16989	bronze	ALL	235.00
PIPE PLUG 1-1/2"	20F7A0005	-0015F	ALL	66.00
SAND COLLAR	M16145	bronze	ALL	92.00
SAND COLLAR SET SCREW (2 REQ'D)	11F23A0037	0005F	ALL	3.69
INTER & TOP INTER BOWL (STANDARD) - 400 PSI	M17057	class 30 cast iron, coated interior	10VT400	564.00
	M16724		10VT550	633.00
	M16725		10VT700	651.00
	M16726		10VT900	642.00
	M16727		10VT1150	574.00
	M16728		10VT1500	638.00
INTER & TOP INTER BOWL (OPTIONAL) - 700 PSI	M17057D	ductile iron, coated interior	10VT400	650.00
	M16724D		10VT550	745.00
	M16725D		10VT700	761.00
	M16726D		10VT900	741.00
	M16727D		10VT1150	686.00
	M16728D		10VT1500	731.00
BEARING, TOP BOWL (O/L or W/L)	M16989	bronze	ALL	235.00
O-RING	HYD6E136	9923F	ALL	5.03
CAP SCREW, INTER BOWL (# OF STAGES) X 10 FOR CAST IRON; 20 FOR DUCTILE IRON	11F7A0113	0005F	ALL	12.83
BEARING, INTER BOWL - RUBBER (STANDARD)	M16146		ALL	54.00
BEARING, INTER BOWL - BRONZE (OPTIONAL)	M16144		ALL	35.00
BEARING, INTER BOWL - VESCONITE® (OPTIONAL)	M17017	Vesconite®	ALL	259.00
COLLET 1-1/2"	LV2275004	3080F	ALL	129.00
DISCHARGE CASE - 8" LH	M16719L	ductile iron	ALL	437.00
DISCHARGE CASE - 8" RH	M16719R	ductile iron	ALL	437.00
DISCHARGE CASE - 8" BLANK	M16719B	ductile iron	ALL	437.00
DISCHARGE ADAPTER 8" X 6" STRAIGHT	M16739	ductile iron	ALL - as required	133.00
DISCHARGE ADAPTER 8" X 6" FLANGE	M16740	ductile iron	ALL - as required	280.00
CAP SCREW, INTER BOWL (# OF STAGES) X 10 FOR CAST IRON (BOWL); 20 FOR DUCTILE IRON (BOWL)	11F7A0113	0005F	ALL	12.83
ENCLOSING TUBE ADAPTER - LH (OIL LUBE ONLY) (1)	3.50 FMLH-STD		ALL - as required	579.00
ENCLOSING TUBE ADAPTER - RH (OIL LUBE ONLY) (1)	3.50 FMRH		ALL - as required	746.00
LIP SEAL (2 REQ'D) (OIL LUBE ONLY)	HYD2Q128		ALL	61.00
WATER LUBE ADAPTER (WATER LUBE ONLY)	M16720S	class 30 cast iron	ALL - as required	243.00
SAND COLLAR (WATER LUBE ONLY)	M16145	bronze	ALL	92.00
SAND COLLAR SET SCREW (2 REQ'D) (WATER LUBE ONLY)	11F23A0037	0005F	ALL	3.69
IMPELLER, CLOSED	M17058	316 stainless steel	10VT400	839.00
	M16734		10VT550	799.00
	M16735		10VT700	799.00
	M17148		10VT900	824.00
	M16737		10VT1150	839.00
	M16738		10VT1500	825.00
IMPELLER, SEMI-OPEN	B87160	impellers = 316 stainless steel; adapters = class 30 cast iron	10VT400	839.00
	B87055		10VT550	799.00
	B87056		10VT700	799.00
	B87058		10VT1150	839.00
	B87059		10VT1500	825.00

Pump shaft, 1-1/2" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional **\$225 List Price Each**.

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# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

10A, 10B, 10D			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE (for wear ring)	LV8155053	0220F	\$604.00
SUCTION BELL (for wear ring)	LV8155055	0220F	676.00
WEAR RING, SUCTION / BOWL - (STANDARD)	LV6775149	9649F	267.00
BRG, SUCTION 1 1/2 X 1 7/8 X 5 3/8	LV0695066	9649F	198.00
PIPE PLUG 2"	20F7A0006	0008F	22.76
SAND COLLAR	LV2255011	9649F	259.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER & TOP INTER BOWL (for wear ring)	LV1055075	0221F	655.00
WEAR RING, SUCTION / BOWL - (STANDARD)	LV6775149	9649F	267.00
BRG, TOP INTER O/L 1 1/2 X 1 7/8 X 6 1/4	LV0695109	9649F	125.00
BRG, TOP INTER W/L 1 1/2 X 1 7/8 X 2 1/8	LV0695065	9649F	68.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
BRG, INTER BOWLS 1 1/2 X 1 7/8 X 2 1/8	LV0695065	9649F	68.00
COLLET 1-1/2" (416 Stainless Steel)	LV2275004	3080F	129.00
DISCHARGE CASE ( LAYNE ) 6" RH	LV1825068	0221F	741.00
DISCHARGE CASE ( LAYNE ) 8" RH	LV1825069	0221F	741.00
DISCHARGE CASE ( FN ) 6" LH	LV1825363	0221F	741.00
DISCHARGE CASE ( FN ) 8" LH	LV1825365	0221F	741.00
BRG, DISCH. CASE W/L 1 1/2 X 1 7/8 X 5 3/8	LV0695066	9649F	198.00
SAND COLLAR W/L	LV2255030	9380F	88.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	3.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	3.00 LBRH-A	n/a	
LIP SEAL (O/L Only) (qty 2)	HYD2Q127	n/a	123.00
IMPELLER 10A	LV4455274	2660F	1,120.00
IMPELLER 10B	LV4455275	2660F	1,120.00
IMPELLER 10D	LV4455276	2660F	1,120.00

Pump shaft, 1-1/2" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

10M			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7D91F	0220F	\$697.00
SUCTION BELL	T7D91E	0220F	553.00
BRG, SUCTION 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7DK80	9649F	253.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7D90B	0221F	712.00
BRG, TOP BOWL 1 7/16 X 1 7/8 X 5 1/2	T7DK106B	9649F	313.00
CAP SCREW, INTER BOWL 1/2"x1-1/4" (# of stages)x8	11F7A0112	0002F	3.03
BRG, BOWL 1 7/16 X 1 7/8 X 2 3/4 (rubber) - STANDARD	HYD64A1	9380F	117.00
BRG, INTER BOWL 1 7/16 X 1 7/8 X 2 15/16 - OPTIONAL	T7DK106	9649F	149.00
COLLET 1-7/16" (416 Stainless Steel)	T7DK138	3080F	112.00
CONNECTOR BEARING	DD20	9649F	413.00
DISCHARGE CASE ( FN ) 6" LH	T7D89C	0221F	800.00
DISCHARGE CASE ( FN ) 6" Semi-Finished	T7D89D	0221F	535.00
DISCHARGE CASE 10M, 6" NPT, blank tube	T7D89CT	0221F	952.00
DISCHARGE CASE 10M, 6" RH	T7D89CR	0221F	952.00
DISCHARGE CASE 10M, 6" RH, 3/4" taper	T7D89CTR	0221F	952.00
WATERLUBE ADAPTOR 6" (need column coupling, see pg 48)	T7D305A	0220F	687.00
CAP SCREW, DISCH. 1/2" X 2" (qty 8 pcs)	11F7A0115	0001F	2.84
HEX NUTS, DISCH (qty 8 pcs)	11F25A10005	0006F	2.87
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q9	n/a	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 10M	T7DA92A	2660F	862.00

Pump shaft, 1-7/16" diameter



# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

10G, 10J			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE (for wear ring)	LV8155056	0220F	\$798.00
SUCTION BELL (for wear ring)	LV8155057	0220F	919.00
WEAR RING, SUCTION / BOWL	LV6775170	9649F	116.00
BRG, SUCTION 1 1/2 X 1 7/8 X 5 3/8	LV0695066	9649F	198.00
PIPE PLUG 2"	20F7A0006	0008F	22.76
SAND COLLAR	LV2255011	9649F	259.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER & TOP INTER BOWL (for wear ring)	LV1055077	0221F	617.00
WEAR RING, SUCTION / BOWL	LV6775170	9649F	116.00
BRG, TOP INTER O/L 1 1/2 X 1 7/8 X 6 1/4	LV0695109	9649F	125.00
BRG, TOP INTER W/L 1 1/2 X 1 7/8 X 2 1/8	LV0695065	9649F	68.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
BRG, INTER BOWLS 1 1/2 X 1 7/8 X 2 1/8	LV0695065	9649F	68.00
COLLET 1-1/2" (416 Stainless Steel)	LV2275004	3080F	129.00
DISCHARGE CASE ( LAYNE ) 6" RH	LV1825070	0221F	795.00
DISCHARGE CASE ( LAYNE ) 8" RH	LV1825071	0221F	795.00
DISCHARGE CASE ( FN ) 6" LH	LV1825389	0221F	795.00
DISCHARGE CASE ( FN ) 8" LH	LV1825390	0221F	795.00
BRG, DISCH. CASE W/L 1 1/2 X 1 7/8 X 5 3/8	LV0695066	9649F	198.00
SAND COLLAR W/L	LV2255030	9380F	88.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	3.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	3.00 LBRH-A	n/a	
LIP SEAL (O/L Only) (qty 2)	HYD2Q127	n/a	123.00
IMPELLER 10G	LV4455277	2660F	1,353.00
IMPELLER 10J	LV4455278	2660F	1,353.00

Pump shaft, 1-1/2" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

11M			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7DK91A	0220F	\$954.00
SUCTION BELL	T7DK91	0220F	758.00
BRG, SUCTION 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7DK80	9649F	253.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7DK90B	0221F	974.00
BRG, TOP BOWL 1 7/16 X 1 7/8 X 5 1/2	T7DK106B	9649F	313.00
BRG, BOWL 1 7/16 X 1 7/8 X 2 3/4 - rubber - STANDARD	HYD64A1	9380F	117.00
BRG, INTER BOWL 1 7/16 X 1 7/8 X 2 15/16 - bronze - OPTIONAL	T7DK106	9649F	149.00
CAP SCREW, INTER BOWL 1/2" X 1-1/4" - (# of stages)x12	11F7A0112	0002F	3.03
COLLET 1-7/16" (416 Stainless Steel)	T7DK138	3080F	112.00
CONNECTOR BEARING	DD20	9649F	413.00
DISCHARGE CASE ( FN ) 8" LH	T7DK89	0221F	1,087.00
DISCHARGE CASE ( FN ) 8" Semi-Finished	T7DK89B	0221F	766.00
DISCHARGE CASE 11M 8" NPT, blank tube	T7DK89TB (1)	0221F	1,237.00
DISCHARGE CASE 11M 8" RH, 3/4" taper	T7DK89TR (1)	0221F	1,237.00
DISCHARGE CASE 11M 8" RH, butt thread	T7DK89BR (1)	0221F	1,237.00
DISCHARGE CASE ( FN ) 8" Flanged	T7DK89P	0221F	RTF
WATERLUBE ADAPTOR 6" (need column coupling, see pg 48)	T7DK305A	0220F	RTF
WATERLUBE ADAPTOR 8" (need column coupling, see pg 48)	T7DK305B	0220F	RTF
CAP SCREW, DISCH. 1/2" X 2-1/4" (qty 12 pcs)	11F7A0116	0001F	2.87
HEX NUTS, DISCH (qty 12 pcs)	11F25A10005	0006F	2.87
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q9	9906F	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 11M	T7DKA92	2660F	1,087.00

Pump shaft, 1-7/16" diameter

(1) - these discharge cases are special order. Refer to the Factory for lead times.

11H			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7DK98A	0220F	\$1,068.00
SUCTION BELL	T7DK98	0220F	1,019.00
BRG, SUCTION 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7DK80	9649F	253.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7DK97B	0221F	1,042.00
BRG, TOP BOWL 1 7/16 X 1 7/8 X 5 1/2	T7DK106B	9649F	313.00
BRG, BOWL 1 7/16 X 1 7/8 X 2 3/4 - rubber - STANDARD	HYD64A1	9380F	117.00
BRG, INTER BOWL 1 7/16 X 1 7/8 X 2 15/16 - bronze - OPTIONAL	T7DK106	9649F	149.00
CAP SCREW, INTER BOWL 1/2" X 1-1/4" - (# of stages)x12	11F7A0112	0002F	3.03
COLLET 1-7/16" (416 Stainless Steel)	T7DK138	3080F	112.00
CONNECTOR BEARING	DD20	9649F	413.00
DISCHARGE CASE ( FN ) 8" LH	T7DK96	0221F	1,049.00
DISCHARGE CASE ( FN ) 8" Semi-Finished	T7DK96A	0221F	1,226.00
DISCHARGE CASE 11H 8" NPT, blank tube	T7DK96AT (1)	0221F	2,027.00
DISCHARGE CASE 11M 8" RH, NPT	T7DK96ATR (1)	0221F	2,027.00
DISCHARGE CASE 11M 8" RH, butt thread	T7DK96AR (1)	0221F	2,027.00
WATERLUBE ADAPTOR 6" (need column coupling, see pg 48)	T7DK305A	0220F	RTF
WATERLUBE ADAPTOR 8" (need column coupling, see pg 48)	T7DK305B	0220F	RTF
CAP SCREW, DISCH. 1/2" X 2-1/4" (qty 12 pcs)	11F7A0116	0001F	2.87
HEX NUTS, DISCH (qty 12 pcs)	11F25A10005	0006F	2.87
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q9	9906F	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 11H	T7DKA99	2660F	1,068.00

Pump shaft, 1-7/16" diameter

12VT-500, 12VT-600			
PART DESCRIPTION	PART NUMBER OR SYMBOL	MATERIAL DESCRIPTION OR MATERIAL CODE	LIST PRICE
SUCTION CASE	M16089	class 30 cast iron	\$985.00
SUCTION BELL	M16090	class 30 cast iron	985.00
BRG, SUCTION - 1-11/16 X 2-1/8 X 5-1/8	T7E106A	9649F	203.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7E80	9649F	146.00
SAND COLLAR SET SCREW	11F23A0037	0014F	3.03
INTER & TOP INTER BOWL	M16085	class 30 cast iron, coated interior	1,795.00
BRG, TOP INTER (O/L or W/L) - 1-11/16 X 2-1/8 X 5-1/8	T7E106A	9649F	203.00
<b>STANDARD</b> BRG, INTER BOWLS - 1-11/16 X 2-1/8 X 3 (rubber)	HYD64A2	9380F	59.00
<b>OPTIONAL</b> BRG, INTER BOWLS - 1-11/16 X 2-1/8 X 3-1/4	T7E106	9649F	133.00
CAP SCREWS, INTER BOWL - (# OF STAGES) X 12	11F7A0113	0002F	2.84
COLLET 1-1/2" (416 Stainless Steel)	T7E138	3080F	129.00
DISCHARGE CASE ( LAYNE ) 6" RH	M16153	class 30 cast iron	1,167.00
DISCHARGE CASE ( LAYNE ) 8" RH	M16155	class 30 cast iron	1,167.00
DISCHARGE CASE ( FN ) 6" LH	M16142	class 30 cast iron	1,167.00
DISCHARGE CASE ( FN ) 8" LH	M16088	class 30 cast iron	1,167.00
DISCHARGE CASE 6" BLANK	M16154	class 30 cast iron	1,049.00
DISCHARGE CASE 8" BLANK	M16156	class 30 cast iron	1,049.00
CAP SCREWS, DISCHARGE CASE - (QTY 12)	11F7A0113	0002F	2.84
PIPE PLUG 3/4" - (W/L ONLY) - (QTY 2)	20F7A0002	0008F	6.75
CONNECTOR BEARING - (O/L ONLY)	DD20C	9649F	427.00
ENCLOSING TUBE ADAPTER - (FN) - (O/L ONLY)	3.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER - (LAYNE) - (O/L ONLY)	3.50 LBRH	n/a	
LIP SEAL - (O/L ONLY) - (QTY 2)	HYD2Q132	n/a	99.00
IMPELLER 12VT-500	M16086	316 stainless steel	907.00
IMPELLER 12VT-600	M16087	316 stainless steel	907.00

Pump shaft, 1-11/16" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

12VT550, 12VT650, 12VT900, 12VT1100, 12VT1350, 12VT1650, 12VT2000, 12VT2500

PART DESCRIPTION	PART NUMBER OR SYMBOL	MATERIAL DESCRIPTION OR MATERIAL CODE	FLOW SERIES	LIST PRICE
SUCTION CASE	M16489	class 30 cast iron	ALL	\$484.00
SUCTION CASE IMPELLER ADAPTER	M16486	class 30 cast iron	12VT550, 650, 900	134.00
SUCTION CASE IMPELLER ADAPTER	M16487	class 30 cast iron	12VT1100	134.00
SUCTION ADAPTER 10" NPT X 8" NPT	M16491	class 30 cast iron	ALL - as required	222.00
SUCTION BELL ADAPTER	M16490	class 30 cast iron	ALL - as required	203.00
BEARING, SUCTION	T7E106D	9649F	ALL	206.00
PIPE PLUG 1-1/2"	20F7A0005	-0015F	ALL	66.00
SAND COLLAR	T7E80	9649F	ALL	146.00
SAND COLLAR SET SCREW (2 REQ'D)	11F23A0037	0005F	ALL	3.69
INTER & TOP INTER BOWL (STANDARD) - 400 PSI	M16448	class 30 cast iron, coated interior	12VT550, 650	820.00
	M16449		12VT900	721.00
	M16450		12VT1100	786.00
	M16452		12VT1350, 1650	971.00
	M16453		12VT2000, 2500	806.00
INTER & TOP INTER BOWL (OPTIONAL) - 700 PSI	M16448D	ductile iron, coated interior	12VT550, 650	984.00
	M16449D		12VT900	885.00
	M16450D		12VT1100	952.00
	M16452D		12VT1350, 1650	1,134.00
	M16453D		12VT2000, 2500	1,160.00
BEARING, TOP BOWL (O/L or W/L)	T7E106D	9649F	ALL	206.00
O-RING	M15099		ALL	9.16
CAP SCREW, INTER BOWL (# OF STAGES) X 10 FOR CAST IRON; 20 FOR DUCTILE IRON	11F7A0113	0005F	ALL	12.83
BEARING, INTER BOWL - RUBBER (STANDARD)	HYD64A2	9380F	ALL	59.00
BEARING, INTER BOWL - BRONZE (OPTIONAL)	T7E106	9649F	ALL	133.00
BEARING, INTER BOWL - VESCONITE® (OPTIONAL)	M16445	Vesconite®	ALL	475.00
COLLET 1-11/16"	T7E138	3080F	ALL	129.00
DISCHARGE CASE - 10" LH	M16444L	ductile iron	ALL	534.00
DISCHARGE CASE - 10" RH	M16444R	ductile iron	ALL	534.00
DISCHARGE CASE - 10" BLANK	M16444B	ductile iron	ALL	493.00
DISCHARGE CASE - 10" RH NPT	M16444BTR (2)	ductile iron	ALL	715.00
DISCHARGE CASE - 10" NPT blank tube	M16444BTC (2)	ductile iron	ALL	715.00
DISCHARGE ADAPTER 10" X 8" STRAIGHT	M16492	ductile iron	ALL - as required	255.00
DISCHARGE ADAPTER 10" X 8" FLANGE	M16493	ductile iron	ALL - as required	419.00
DISCHARGE ADAPTER 10" X 6" STRAIGHT	M16488 (2)	ductile iron	ALL - as required	500.00
CAP SCREW, INTER BOWL (# OF STAGES) X 10 FOR CAST IRON (BOWL); 20 FOR DUCTILE IRON (BOWL)	11F7A0113	0005F	ALL	12.83
ENCLOSING TUBE ADAPTER - LH (OIL LUBE ONLY) (1)	3.50 FMLH		ALL	746.00
ENCLOSING TUBE ADAPTER - RH (OIL LUBE ONLY) (1)	3.50 FMRH		ALL	746.00
LIP SEAL (2 REQ'D) (OIL LUBE ONLY)	HYD2Q132		ALL	99.00
WATER LUBE ADAPTER (WATER LUBE ONLY)	M16447	class 30 cast iron	ALL - as required	218.00
SAND COLLAR (WATER LUBE ONLY)	T7E80	9649F	ALL	146.00
SAND COLLAR SET SCREW (2 REQ'D) (WATER LUBE ONLY)	11F23A0037	0005F	ALL	3.69

12VT550, 12VT650, 12VT900, 12VT1100, 12VT1350, 12VT1650, 12VT2000, 12VT2500				
PART DESCRIPTION	PART NUMBER OR SYMBOL	MATERIAL DESCRIPTION OR MATERIAL CODE	FLOW SERIES	LIST PRICE
IMPELLER, CLOSED	M16457	316 stainless steel	12VT550	1,234.00
	M16458		12VT650	1,050.00
	M16459		12VT900	1,045.00
	M16461		12VT1100	1,242.00
	M16462		12VT1350	1,319.00
	M16463		12VT1650	1,542.00
	M16464		12VT2000	1,614.00
	M16465		12VT2500	1,362.00
IMPELLER, SEMI-OPEN	B86799	impellers = 316 stainless steel; adapters = class 30 cast iron	12VT550	1,234.00
	B86800		12VT650	1,050.00
	B86801		12VT900	1,045.00
	B86802		12VT1100	1,242.00
	B86821		12VT1350	1,319.00
	B86822		12VT1650	1,542.00
	B86823		12VT2000	1,614.00
B86824	12VT2500	1,362.00		

Pump shaft, 1-11/16" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

(2) - these items are special order. Refer to the Factory for lead times.

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12E, 12G, 12I			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	LV8150567	0220F	\$912.00
SUCTION BELL	LV8150559	0220F	885.00
BRG, SUCTION 1 15/16 X 2 3/8 X 7	LV0695069	9649F	339.00
PIPE PLUG 1"	20F7A0003	0008F	7.59
SAND COLLAR	LV2255077	9649F	564.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
CAP SCREWS 1/2-13NC X 1 1/4 (# of stages+1)x12=qty (the extra 12 is for the Disch Case)	11F7A0112	0002F	3.03
INTER & TOP INTER BOWL	LV1050394	0221F	901.00
BRG, INTER BOWLS 1 15/16 X 2 3/8 X 4	LV0695192	9649F	193.00
BRG, INTER & TOP 1 15/16 X 2 5/8 X 1.5	LV0690082	9380F	59.00
BRG, TOP INTER O/L BRZ 1 15/16 X 2 3/8 X 7	LV0695294	9649F	296.00
BRG, TOP INTER W/L BRZ 1 15/16 X 2 3/8 X 4	LV0695192	9649F	193.00
COLLET 1-15/16" (416 Stainless Steel)	LV2275007	3080F	180.00
CAP SCREWS 1/2-13NC X 1 1/4 (qty needed for assembly is included above)	11F7A0112	0002F	3.03
DISCHARGE CASE ( LAYNE ) 8" RH	LV1825131	0221F	1,266.00
DISCHARGE CASE ( LAYNE ) 10" RH	LV1825132	0220F	1,266.00
DISCHARGE CASE ( FN ) 8" LH	LV1825393	0221F	1,266.00
DISCHARGE CASE ( FN ) 10" LH	LV1825395	0221F	1,266.00
BRG, DISCH. CASE W/L 1.937 X 2.375 X 7	LV0695069	9649F	339.00
SAND COLLAR W/L	LV2255032	9380F	75.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	4.00 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	3.50 LBRH	n/a	
LIP SEAL (1-15/16"ID x 2-3/4"OD) (O/L Only) (qty 2)	HYD2Q136	n/a	131.00
IMPELLER 12E	LV4455436	2660F	1,595.00
IMPELLER 12G	LV4455437	2660F	1,094.00
IMPELLER 12I	LV4455438	2660F	1,595.00

Pump shaft, 1-15/16" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

12M			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7E91A	0220F	\$1,145.00
SUCTION BELL	T7E91	0220F	839.00
BRG, SUCTION 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7E80	9649F	146.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7E90B	0221F	1,174.00
BRG, TOP BOWL 1 11/16 X 2 1/8 X 6 1/4	T7E106D	9649F	206.00
BRG, INTER BOWL 1 11/16 X 2 1/8 X 3 1/4 - bronze - OPTIONAL	T7E106	9649F	133.00
CAP SCREW, INTER BOWL 1/2" X 1-1/4" (# of stages)x12	11F7A0112	0002F	3.03
BRG, INTER BOWL 1 11/16 X 2 1/8 X 3 - rubber - STANDARD	HYD64A2	9380F	59.00
COLLET 1-11/16" (416 Stainless Steel)	T7E138	3080F	129.00
CONNECTOR BEARING	DD20C	9649F	427.00
DISCHARGE CASE ( FN ) 8" LH	T7E89	0221F	1,194.00
DISCHARGE CASE ( FN ) 10" LH	T7E89X	0221F	1,194.00
DISCHARGE CASE ( FN ) 8" SemiFinished	T7E89B	0221F	854.00
DISCHARGE CASE ( FN ) 10" SemiFinished	T7E89Z	0221F	854.00
DISCHARGE CASE 12M, 8" NPT blank tube	T7E89BTB	0221F	1,374.00
DISCHARGE CASE 12M, 10" NPT blank tube	T7E89ZT	0221F	1,374.00
DISCHARGE CASE 12M, 10" RH, 3/4" taper	T7E89ZTR	0221F	1,374.00
DISCHARGE CASE 12M, 8" RH, 3/4" taper	T7E89BTR	0221F	1,374.00
DISCHARGE CASE 12M, 10" RH, butt thread	T7E89BR	0221F	1,374.00
DISCHARGE CASE 12M, 8" RH, butt thread	T7E89ZR	0221F	1,374.00
WATERLUBE ADAPTOR 8" (need column coupling, see pg 48)	T7EK305C	0220F	RTF
WATERLUBE ADAPTOR 10" (need column coupling, see pg 48)	T7EK305B	0220F	RTF
CAP SCREW, DISCH. 1/2" X 2-1/2" (qty 12 pcs)	11F7A0117	0001F	3.80
HEX NUTS, DISCH 1/2" (qty 12 pcs)	11F25A10005	0006F	2.87
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q132	n/a	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 12M	T7EA92	2660F	1,470.00

Pump shaft, 1-11/16" diameter



# PENTAIR

## BERKELEY • FAIRBANKS NIJHUIS

### Pump Parts

12K, 12S			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE (for wear ring)	LV8155082	0220F	\$1,092.00
SUCTION BELL (for wear ring)	LV8155085	0220F	1,033.00
WEAR RING, SUCTION BOWL	LV6775169	9649F	426.00
BRG, SUCTION 1 11/16 X 2 X 6	LV0695068	9649F	182.00
PIPE PLUG 2"	20F7A0006	0008F	22.76
SAND COLLAR	LV2255012	9649F	270.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
INTER & TOP INTER BOWL (for wear ring)	LV1055127	0221F	1,193.00
GROOVE PINS, BOWL, 3/16 X 1/2 (# of stgs+1)x2 pcs	11F66G0050	0012F	5.70
WEAR RING, INTER BOWLS	LV6775169	9649F	426.00
BRG, INTER BOWLS 1 11/16 X 2 X 4 1/4	LV0695113	9649F	128.00
BRG, TOP INTER O/L 1 11/16 X 2 X 8	LV0695110	9649F	358.00
BRG, TOP INTER W/L 1 11/16 X 2 X 4 1/4	LV0695113	9649F	128.00
COLLET 1-11/16" (416 Stainless Steel)	LV2275006	3080F	211.00
DISCHARGE CASE ( LAYNE ) 8" RH	LV1825116	0220F	1,191.00
DISCHARGE CASE ( LAYNE ) 10" RH	LV1825117	0220F	1,191.00
DISCHARGE CASE ( FN ) 8" LH	LV1825371	0221F	1,191.00
DISCHARGE CASE ( FN ) 10" LH	LV1825372	0221F	1,191.00
BRG, DISCH. CASE W/L 1 11/16 X 2 X 6	LV0695068	9649F	182.00
SAND COLLAR W/L	LV2255031	9380F	63.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	4.00 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	3.50 LBRH	n/a	
LIP SEAL (O/L Only) (qty 2)	HYD2Q13	n/a	152.00
IMPELLER 12K	LV4455421	2660F	1,917.00
IMPELLER 12S	LV4455422	2660F	1,917.00

Pump shaft, 1-11/16" diameter

(1) Enclosing tube adapters are semiFinished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

13H			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7EK98A	0220F	\$1,313.00
SUCTION BELL	T7EK98	0220F	1,092.00
BRG, SUCTION 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7E80	9649F	146.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7EK97B	0221F	1,354.00
BRG, TOP BOWL 1 11/16 X 2 1/8 X 6 1/4	T7E106D	9649F	206.00
BRG, INTER BOWL 1 11/16 X 2 1/8 X 3 1/4 - bronze - OPTIONAL	T7E106	9649F	133.00
CAP SCREWS, INTER BOWL 1/2" X 1-1/4" (# of stages)x12	11F7A0112	0002F	3.03
BRG, INTER BOWL 1 11/16 X 2 1/8 X 3 - rubber - STANDARD	HYD64A2	9380F	59.00
COLLET 1-11/16" (416 Stainless Steel)	T7E138	3080F	129.00
CONNECTOR BEARING	DD20C	9649F	427.00
DISCHARGE CASE ( FN ) 10" LH	T7EK96	0221F	1,369.00
DISCHARGE CASE ( FN ) 10" SemiFinished	T7EK96A	0221F	971.00
DISCHARGE CASE 13H, 10" NPT, blank tube	T7EK96AT	0221F	1,550.00
DISCHARGE CASE 13H, 10" RH, 3/4" taper	T7EK96ATR	0221F	1,550.00
DISCHARGE CASE 13H, 10" RH, butt thread	T7EK96AR	0221F	1,550.00
WATERLUBE ADAPTOR 8" (need column coupling, see pg 48)	T7EK305C	0220F	RTF
WATERLUBE ADAPTOR 10" (need column coupling, see pg 48)	T7EK305B	0220F	RTF
CAP SCREWS, DISCH, 1/2" X 2-3/4" (qty 12 pcs)	11F7A0118	0001F	2.84
HEX NUTS, 1/2" (qty 12 pcs)	11F25A10005	0006F	2.87
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q132	n/a	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 13H	T7EKA99B	2660F	1,343.00

Pump shaft, 1-11/16" diameter

14C, 14D, 14F			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	LV8150183	0220F	\$1,732.00
SUCTION BELL	LV8150405	0220F	1,780.00
BRG, SUCTION 2 3/16 X 2 9/16 X 8 1/2	LV0695295	9649F	457.00
PIPE PLUG 1"	20F7A0003	0008F	7.59
SAND COLLAR	LV2255013	9649F	597.00
SAND COLLAR SET SCREW (qty 1)	11F23A0063	0005F	2.75
CAP SCREWS 5/8"N/C X 1 1/2 (# of stages+1)x8=qty (the extra 8 is for the Disch Case)	11F7A0171	0002F	3.85
INTER & TOP INTER BOWL	LV1050092	0221F	1,667.00
BRG, INTER BOWLS 2 3/16 X 2 9/16 X 3	LV0690088	9649F	178.00
BRG, INTER BOWLS 2.19 X 2.56 X 2.5	LV0690071	9280F	60.00
BRG, TOP INTER O/L 2.19 X 2.56 X 8.5	LV0695295	9649F	457.00
BRG, TOP INTER W/L 2.19 X 2.56 X 3	LV0690088	9649F	178.00
COLLET 2-3/16" (416 Stainless Steel)	LV2270021	3080F	296.00
CAP SCREWS 5/8"-N/C X 1 1/2"(qty needed for assembly is included above)	11F7A0171	0002F	3.85
DISCHARGE CASE ( LAYNE ) 10" RH	LV1825177	0220F	1,589.00
DISCHARGE CASE ( LAYNE ) 12" RH	LV1825176	0220F	1,589.00
DISCHARGE CASE ( FN ) 10" LH	LV1825400	0221F	1,589.00
DISCHARGE CASE ( FN ) 12" LH	LV1825401	0221F	1,589.00
BRG, DISCH. CASE W/L 2 3/16 X 2 9/16 X 6 1/16	LV0690654	9649F	205.00
SAND COLLAR W/L	LV2255033	9380F	75.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	4.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	4.50 LBRH	n/a	
LIP SEAL (2-3/16"ID x 2-7/8"OD) (O/L Only) (qty 2)	HYD2Q143	n/a	106.00
IMPELLER 14C	LV4450025	1140F	3,060.00
IMPELLER 14F	LV4450026	2660F	2,847.00
IMPELLER 14D	LV4450027	2660F	1,576.00

Pump shaft, 2-3/16" diameter

(1) Enclosing tube adapters are semiFinished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

14M			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7F91A	0220F	\$1,691.00
SUCTION BELL	T7F91	0220F	1,284.00
BRG, SUCTION 1 15/16 X 2 3/8 X 5 3/4	T7F106A	9649F	341.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7F80	9649F	267.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7F90B	0221F	1,661.00
BRG, TOP BOWL 1 15/16 X 2 3/8 X 7	T7F106C	9649F	475.00
BRG, INTER BOWL 1 15/16 X 2 3/8 X 3 11/16 - bronze - OPTIONAL	T7F106	9649F	316.00
CAP SCREWS, INTER BOWL 5/8-11 x 1-1/2" (# of stages)x12	11F7A0171	0002F	3.85
BRG, BOWL 1 15/16 X 2 7/16 X 3 5/16 - rubber - STANDARD	HYD64A3	9380F	36.00
COLLET 1-15/16" (416 Stainless Steel)	T7F138	3080F	196.00
CONNECTOR BEARING	DE20	9649F	685.00
DISCHARGE CASE ( FN ) 10" LH	T7F89	0221F	2,057.00
DISCHARGE CASE ( FN ) 10" SemiFinished	T7F89B	0221F	1,109.00
DISCHARGE CASE 14M, 10" NPT, blank tube	T7F89BT	0221F	2,282.00
DISCHARGE CASE 14M, 10" RH, 3/4" taper	T7F89BTR	0221F	2,282.00
DISCHARGE CASE 14M, 10" RH, butt thread	T7F89BR	0221F	2,282.00
WATERLUBE ADAPTOR 8" (need column coupling, see pg 48)	T7F305B	0220F	RTF
WATERLUBE ADAPTOR 10" (need column coupling, see pg 48)	T7F305C	0220F	RTF
CAP SCREWS, DISCH, 5/8" X 2-3/4" (qty 12 pcs)	11F7A0176	0001F	9.50
HEX NUTS (qty 12 pcs)	11F25A10007	0006F	3.80
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q136	n/a	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 14M	T7FA92	2660F	2,000.00

Pump shaft, 1-15/16" diameter

14I, 14J			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	LV8152119	0220F	\$1,636.00
SUCTION BELL	LV8152123	0220F	1,557.00
BRG, SUCTION 2 3/16 X 2 9/16 X 8 1/2	LV0695295	9649F	457.00
PIPE PLUG 1"	20F7A0003	0008F	7.59
SAND COLLAR	LV2255013	9649F	597.00
SAND COLLAR SET SCREW (qty 1)	11F23A0063	0005F	2.75
CAP SCREWS 5/8"NC X 1 1/2" (# of stages+1)x8=qty (the extra 8 is for the Disch Case)	11F7A0171	0002F	3.85
INTER & TOP INTER BOWL	LV1050981	0221F	2,030.00
BRG, INTER BOWLS 2 3/16 X 2 9/16 X 3	LV0690088	9649F	178.00
BRG, INTER BOWLS 2 3/16 X 2 9/16 X 2.5	LV0690071	9280F	60.00
BRG, TOP INTER O/L 2 3/16 X 2 9/16 X 8 1/2	LV0695295	9649F	457.00
BRG, TOP INTER W/L 2 3/16 X 2 9/16 X 3	LV0690088	9649F	178.00
COLLET 2-3/16" (416 Stainless Steel)	LV2270021	3080F	296.00
CAP SCREWS 5/8"NC X 1 1/2" (qty needed for assembly is included above)	11F7A0171	0002F	3.85
DISCHARGE CASE ( LAYNE ) 12" RH	LV1825175	0221F	2,330.00
DISCHARGE CASE ( FN ) 12" LH	LV1825404	0221F	2,330.00
BRG, DISCH. CASE W/L 2 3/16 X 2 9/16 X 6.06	LV0690654	9649F	205.00
SAND COLLAR W/L	LV2255033	9380F	75.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	4.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	4.50 LBRH	n/a	
LIP SEAL (2-3/16"ID x 2-7/8"OD) (O/L Only) (qty 2)	HYD2Q143	n/a	106.00
IMPELLER 14I	LV4450076	1140F	2,123.00
IMPELLER 14J	LV4450077	2660F	2,123.00

Pump shaft, 2-3/16" diameter

(1) Enclosing tube adapters are semiFinished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left unthreaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

15H			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7FK98A	0220F	\$1,756.00
SUCTION BELL	T7FK98	0220F	1,530.00
BRG, SUCTION 1 15/16 X 2 3/8 X 5 3/4	T7F106A	9649F	341.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7F80	9649F	267.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7FK97B	0221F	2,492.00
BRG, TOP BOWL 1 15/16 X 2 3/8 X 7	T7F106C	9649F	475.00
BRG, INTER BOWL 1 15/16 X 2 3/8 X 3 11/16 - bronze - OPTIONAL	T7F106	9649F	316.00
CAP SCREW, INTER BOWL 5/8" X 1-1/2" (# of stages)x12	11F7A0171	0002F	3.85
BRG, BOWL 1 15/16 X 2 7/16 X 3 5/16 - rubber - STANDARD	HYD64A3	9380F	36.00
COLLET 1-15/16" (416 Stainless Steel)	T7F138	3080F	196.00
CONNECTOR BEARING	DE20	9649F	685.00
DISCHARGE CASE ( FN ) 12" LH	T7FK96	0221F	2,212.00
DISCHARGE CASE ( FN ) 12" SemiFinished	T7FK96A	0220F	1,483.00
DISCHARGE CASE 12" FLANGED	T7FK96C	0221F	RTF
DISCHARGE CASE 15H, 12" NPT, blank tube	T7FK96AT	0221F	2,438.00
DISCHARGE CASE 15H, 12" RH, butt thread	T7FK96ABT	0221F	2,438.00
DISCHARGE CASE 15H, 12" RH, 3/4" taper	T7FK96ATR	0221F	2,438.00
WATERLUBE ADAPTOR 10" (need column coupling, see pg 48)	T7F305C	0220F	RTF
CAP SCREWS, DISCH, 5/8" X 2 3/4" (qty 12 pcs)	11F7A0176	0001F	9.50
HEX NUTS, 5/8" (qty 12 pcs)	11F25A10007	0006F	3.80
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q136	N/A	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 15H	T7FKA99B	2660F	2,241.00

Pump shaft, 1-15/16" diameter



16E			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION BELL (for wear ring)	LV8155151	0220F	\$1,543.00
WEAR RING, SUCTION BELL	LV6777028	9649F	919.00
BRG, SUCTION 2 3/16 X 2 11/16 X 5 1/2	LV0695070	9649F	315.00
PIPE PLUG 2 1/2"	20F7A0007	0008F	36.00
SAND COLLAR	LV2255013	9649F	597.00
SAND COLLAR SET SCREW (qty 1)	11F23A0063	0005F	2.75
CAP SCREWS 5/8"-11NC X 1 3/4" (# of stages+1)x16=qty (the extra 16 is for the Disch Case)	11F7A0172	0002F	5.70
INTER & TOP INTER BOWL (for wear ring)	LV1055214	0221F	2,722.00
WEAR RING, INTER BOWLS	LV6777028	9649F	919.00
BRG, INTER BOWLS 2 3/16 X 2 11/16 X 5 1/2	LV0695070	9649F	315.00
BRG, TOP INTER O/L 2 3/16 X 2 11/16 X 11	LV0695112	9649F	1,354.00
BRG, TOP INTER W/L 2 3/16 X 2 11/16 X 5 1/2	LV0695070	9649F	315.00
COLLET 2-3/16" (416 Stainless Steel)	LV2275009	3080F	467.00
CAP SCREWS 5/8"-11NC X 1 3/4" (qty needed for assembly is included above)	11F7A0172	0002F	5.70
DISCHARGE CASE ( LAYNE ) 12" RH	LV1825207	0221F	2,108.00
DISCHARGE CASE ( FN ) 12" LH	LV1825405	0221F	2,108.00
BRG, DISCH. CASE W/L 2 3/16 X 2 11/16 X 9	LV0695071	9649F	324.00
SAND COLLAR W/L	LV2255033	9380F	75.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	4.50 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	4.50 LBRH	n/a	
LIP SEAL (O/L Only) (qty 2)	LV7145028	n/a	137.00
IMPELLER 16E	LV4455732	2660F	2,794.00

Pump shaft, 2-3/16" diameter

(1) Enclosing tube adapters are semiFinished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

17M			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7HK91C	0220F	\$2,591.00
SUCTION BELL	T7HK91A	0220F	1,474.00
BRG, SUCTION 2 3/16 X 2 5/8 X 6 1/2	T7H106A	9649F	268.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7H80A	9649F	496.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7HK90A	0221F	2,509.00
BRG, TOP BOWL 2 3/16 X 2 5/8 X 7 1/8	T7H106D	9649F	508.00
BRG, INTER BOWL 2 3/16 X 2 5/8 X 4 - bronze - OPTIONAL	T7H106B	9649F	315.00
CAP SCREW, INTER BOWL 3/4" X 2-1/4" (# of stages)x12	11F7A0202	0002F	9.04
BRG, BOWL 2 3/16 X 2 21/32 X 4 7/16 - rubber - STANDARD	HYD64A7	9380F	61.00
COLLET 2-3/16" (416 Stainless Steel)	T7H138	3080F	286.00
CONNECTOR BEARING	DE20R	9649F	696.00
DISCHARGE CASE ( FN ) 14" LH ( Flanged)	T7HK89A	0221F	RTF
DISCHARGE CASE ( FN ) 14" LH ( Threaded)	T7HK89B	0221F	2,811.00
WATERLUBE ADAPTOR 12" (need column coupling, see pg 48)	T7HK305B	0220F	RTF
WATERLUBE ADAPTOR 14" (need column coupling, see pg 48)	T7HK305A	0220F	RTF
CAP SCREWS, DISCH, 3/4" X 3-1/4" (qty 12 pcs)	11F7A0207	0001F	7.59
HEX NUTS, 3/4" (qty 12 pcs)	11F25A10008	0006F	3.80
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q143	n/a	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 17M	T7HKA92A	2660F	3,499.00

Pump shaft, 2-3/16" diameter

17H			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE	T7HK98A	0220F	\$2,789.00
SUCTION BELL	T7HK98	0220F	2,256.00
BRG, SUCTION 2 3/16 X 2 5/8 X 6 1/2	T7H106A	9649F	268.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7H80A	9649F	496.00
SAND COLLAR SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTER. & TOP INTER. BOWL	T7HK97B	0221F	3,301.00
BRG, TOP BOWL 2 3/16 X 2 5/8 X 8 1/4	T7H106C	9649F	510.00
BRG, INTER BOWL 2 3/16 X 2 5/8 X 4 - bronze - OPTIONAL	T7H106B	9649F	315.00
CAP SCREW, INTER BOWL 3/4" X 2-1/4" (# of stages)x12	11F7A0202	0002F	9.04
BRG, BOWL 2 3/16 X 2 21/32 X 4 7/16 - rubber - STANDARD	HYD64A7	9380F	61.00
COLLET 2-3/16" (416 Stainless Steel)	T7H138	3080F	286.00
CONNECTOR BEARING	DE20R	9649F	696.00
DISCHARGE CASE ( FN ) 14" LH (Flanged)	T7HK96B	0221F	RTF
DISCHARGE CASE ( FN ) 14" LH (Threaded)	T7HK96	0221F	3,135.00
WATERLUBE ADAPTOR 12" (need column coupling, see pg 48)	T7HK305B	0220F	RTF
WATERLUBE ADAPTOR 14" (need column coupling, see pg 48)	T7HK305A	0220F	RTF
CAP SCREWS, DISCH, 3/4" X 3-1/4" (qty 12 pcs)	11F7A0207	0001F	7.59
HEX NUTS, 3/4" (qty 12 pcs)	11F25A10008	0006F	3.80
SEAL, DISCHARGE CASE LIP (O/L Only) (qty 2)	HYD2Q143	n/a	RTF
PIPE PLUG 3/4", DISCH CASE (W/L Only) (qty 2)	20F7A0002	0008F	6.75
IMPELLER 17H	T7HKA99	2660F	2,946.00

Pump shaft, 2-3/16" diameter

18H			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION BELL	LV8155165	0220F	2,029.00
BRG, 2.19 X 2.69 X 5.5	LV0695070	9649F	315.00
PIPE PLUG 2-1/2"	20F7A0007	0008F	36.00
SAND COLLAR	LV2255013	9649F	597.00
SAND COLLAR SET SCREW	11F23A0063	0005F	2.75
INTER. & TOP INTER. BOWL	LV1055224	0221F	3,207.00
BRG, 2.19 X 2.69 X 5.5	LV0695070	9649F	315.00
WEAR RING	LV6775195	9649F	217.00
CAP SCREW, INTER BOWL 3/4-10 X 2" (# of stages)x16	11F7A0202	0002F	9.04
BRG, 2-3/16 X 2-11/16 X 3-11/16	LV0695076	9649F	709.00
COLLET 2-3/16" (416 Stainless Steel)	LV2275009	3080F	467.00
DISCHARGE CASE ( FN ) 12" LH (Flanged)	LV1825375	0221F	3,246.00
DISCHARGE CASE ( FN ) 12" RH (Flanged)	LV1825232	0220F	3,246.00
DISCHARGE CASE ( FN ) 14" LH (Flanged)	LV1825373	0221F	3,246.00
DISCHARGE CASE ( FN ) 14" RH (Flanged)	LV1825233	0220F	3,246.00
CAP SCREW, INTER BOWL 3/4-10 X 2" (# of stages)x16	11F7A0202	0002F	9.04
IMPELLER ASSY 18H	LV4455829A2	1111A	4,071.00
SET SCREWS (IMPELLER)	11F23A0035	0005F	3.83

Pump shaft, 2-3/16" diameter

19A, 19B			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION BELL	LV8155182	0220F	3,055.00
SUCTION BELL, 22.5" DIA	LV8155181	0220F	3,055.00
SUCTION BELL, LOW NPSH	LV8155179	0220F	3,055.00
BRG, 2.19 X 2.69 X 5.5	LV0695070	9649F	315.00
PIPE PLUG 2-1/2"	20FM7D0010	0008F	62.00
SAND COLLAR	LV2255013	9649F	597.00
SAND COLLAR SET SCREW	11F23A0063	0005F	2.75
INTER. & TOP INTER. BOWL	LV1055236	0221F	3,533.00
BRG, 2.19 X 2.69 X 9	LV0695071	9649F	324.00
BRG, 2.19 X 2.69 X 5.5	LV0695070	9649F	315.00
WEAR RING	LV6775367	9649F	511.00
WEAR RING, LOW NPSH	LV6775369	9649F	627.00
CAP SCREW, INTER BOWL 3/4-10 X 2" (qty 12 per stage)	11F7A0202	0002F	9.04
BRG, 2-3/16 X 2-11/16 X 3-11/16	LV0695076	9649F	709.00
GIB KEY	LV4735015	4781F	316.00
DISCHARGE CASE 12" LH (Flanged)	LV1825367	0220F	3,731.00
DISCHARGE CASE 12" RH (Flanged)	LV1825251	0220F	3,731.00
DISCHARGE CASE 14" LH (Flanged)	LV1825361	0221F	3,731.00
DISCHARGE CASE 14" RH (Flanged)	LV1825252	0220F	3,731.00
CAP SCREW, INTER BOWL 3/4-10 X 2" (qty 12)	11F7A0202	0002F	9.04
IMPELLER ASSY 19A	LV4455889A2	1111A	4,621.00
IMPELLER ASSY 19B	LV4455891A3	1111A	5,667.00
IMPELLER ASSY 19A/19B, LOW NPSH	LV4455846A2	1111A	5,614.00
SET SCREWS (IMPELLER) (qty 3)	11F23A0035	0005F	3.83
SET SCREW (IMPELLER)	11F23A0089	0005F	7.32

Pump shaft, 2-3/16" diameter

21H			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION BELL	T7LK98A	0220F	3,205.00
BEARING	T7LK106A	9649F	715.00
PIPE PLUG 1-1/2"	20F7A0005	0008F	11.94
SAND COLLAR	T7LK80A	9649F	721.00
SAND COLLAR SET SCREW (qty 2)	11F23A0038	0014F	3.61
INTER. & TOP INTER. BOWL	T7LK97C	0221F	6,857.00
BEARING (TOP BOWL)	T7LK106A	9649F	715.00
BEARING (MID BOWL)	T7LK106B	9649F	327.00
WEAR RING	T7LK390A	9649F	1,792.00
CAP SCREW, INTER BOWL 7/8-9 X 2-1/2" (qty 16 per stage)	11F7A0231	0002F	11.74
BEARING CONNECTOR	DF20E	9649F	1,180.00
DISCHARGE CASE ( FN ) 16" LH (Flanged)	T7LK96B	0220F	4,049.00
CAP SCREW, DISCHARGE CASE, 7/8-9 X 3-1/2" (qty 16)	11FM7A0235	0002F	10.79
HEX NUTS 7/8-9 (qty 16)	11F25A10009	0006F	9.04
PIPE PLUG 3/4" (qty 2) (water lube only)	20F7C0002	0008F	7.23
IMPELLER ASSY 21H	T7LKB99A8	1111A	14,061.00
KEY 5/8 X 5/8 X 3-1/2	16FM14S0809	4780F	69.00
THRUST RETAINER	T7LK444	3080F	3,737.00
SNAP RING (qty 2)	HYD37G6	0007F	268.00

Pump shaft, 2-7/16" diameter

8" 8211			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
FLANGED DISCHARGE CASE	N3B22BD	0220F	\$1,747.00
BRG, DISCHARGE	DC20B	9649F	213.00
BRG, LOWER 1 3/16 X 1 7/16 X 3 7/32	T7C106A	9649F	111.00
SUCTION BELL	N3B24AA	0220F	1,340.00
SNAP RING (2 per prop)	HYD37G2	0007F	38.00
KEY (1 per prop)	16F104S0196	4780F	9.50
BRG, SUCTION 1 3/16 X 1 7/16 X 3 7/32	T7C106A	9649F	111.00
PIPE PLUG, 1-1/4"	20F7A0004	0008F	5.70
CAP SCREW 5/8" X 2" (qty 8)	11F7A0173	0001F	3.80
HEX NUT 5/8" (qty 8)	11F25A10007	0006F	3.80
SAND CAP	T7C80	9649F	387.00
SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTERMEDIATE BOWL (2-stage ONLY)	N3B23S	0220F	655.00
BRG, UPPER 1 3/16 X 1 7/16 X 1 7/8	T7C106	9649F	131.00
BRG, LOWER 1 3/16 X 1 7/16 X 1 7/8	T7C106	9649F	131.00
CAP SCREW 5/8" X 2" (qty 8)	11F7A0173	0001F	3.80
HEX NUT 5/8" (qty 8)	11F25A10007	0006F	3.80
PROP B1324A	N3BK21A	1140F	1,532.00
PROP B1322.5	N3BF21A	1140F	1,532.00
PROP B1323.5	N3BH21A	1140F	1,532.00
OPTIONAL THREADED 8" FLANGE (To connect bowl to threaded column) (Attaches to above "Flanged" discharge)	H6D550A	0220F	Refer to Page 11 in the Notes section
CAP SCREW, (opt threaded disch) 5/8-11 X 4-1/2 (qty 8 pcs)	11F7A0182	0001F	
HEX NUTS, 5/8" (opt threaded disch) (qty 8 pcs)	11F25A10007	0006F	

Pump shaft, 1-3/16" diameter

10" 8211			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
FLANGED DISCHARGE CASE	N3C22AW	0220F	\$2,905.00
BRG, DISCHARGE	DD20	9649F	413.00
BRG, LOWER 1 7/16 X 1 7/8 X 2 15/16	T7DK106	9649F	149.00
SUCTION BELL	N3C24V	0220F	1,866.00
SNAP RING (2 per prop)	HYD37G3	0007F	53.00
KEY (1 per prop)	16F104S0472	4780F	12.33
BRG, SUCTION 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
PIPE PLUG, 1-1/4"	20F7A0004	0008F	5.70
CAP SCREW 5/8" X 2-1/4" (qty 8)	11F7A0174	0001F	3.80
HEX NUT 5/8" (qty 8)	11F25A10007	0006F	3.80
SAND CAP	T7DK80	9649F	253.00
SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTERMEDIATE BOWL (2-stage ONLY)	N3C23G	0220F	956.00
BRG, UPPER 1 7/16 X 1 7/8 X 2 15/16	T7DK106	9649F	149.00
BRG, LOWER 1 7/16 X 1 7/8 X 2 15/16	T7DK106	9649F	149.00
CAP SCREW 5/8" X 2-1/4" (qty 8)	11F7A0174	0001F	3.80
HEX NUT 5/8" (qty 8)	11F25A10007	0006F	3.80
PROP B1354A	N3CC21E	1140F	2,692.00
PROP B1353	N3CA21D	1140F	2,692.00
PROP B1353.5	N3CD21C	1140F	2,692.00
PROP B1352.5	N3CE21A	1140F	2,692.00
OPTIONAL THREADED 10" FLANGE (To connect bowl to threaded column) (Attaches to above "Flanged" discharge)	H7K7305A	0220F	Refer to Page 11 in the Notes section
CAP SCREW, (opt threaded disch) 1-8 X 5-1/2 (qty 12 pcs)	11F7A0267	0001F	
HEX NUTS, 1" (opt threaded disch) (qty 12 pcs)	11F25A10010	0006F	

Pump shaft, 1-7/16" diameter



10" 8312			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
7500 FLANGE DISCHARGE	F2R8AT	0220F	\$2,774.00
10" THREADED DISCHARGE	F2R8AN	0220F	3,508.00
BRG, DISCHARGE	DC20B	9649F	213.00
BRG, LOWER 1 3/16 X 1 7/16 X 1 7/8	T7C106	9649F	131.00
SUCTION BELL	F2R6AF	0220F	2,403.00
LOCK COLLET	T6C138A	9660F	471.00
LOCK NUT	T6C139A	1641F	544.00
BRG, SUCTION 1 3/16 X 1 7/16 X 3 7/32	T7C106A	9649F	111.00
PIPE PLUG, 1-1/4"	20F7A0004	0008F	5.70
CAP SCREW 5/8" X 1-3/4" (qty 8)	11F7A0172	0001F	3.80
SAND CAP	T7C80	9649F	387.00
SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTERMEDIATE BOWL (2-stage ONLY)	F2R7T	0220F	1,595.00
BRG, UPPER 1 3/16 X 1 7/16 X 1 7/8	T7C106	9649F	131.00
BRG, LOWER 1 3/16 X 1 7/16 X 1 7/8	T7C106	9649F	131.00
CAP SCREW 5/8" X 1-3/4" (qty 8)	11F7A0172	0001F	3.80
PROP B1432T	F2R9M	1140F	2,288.00
PROP B1430F	F2R9N	1140F	2,288.00
PROP B1431T	F2R9P	1140F	2,288.00
PROP B1433T	F2R9R	1140F	2,288.00

Pump shaft, 1-3/16" diameter

12" 8211			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
FLANGED DISCHARGE CASE	N3D22BN	0220F	\$4,649.00
BRG, DISCHARGE	DD20	9649F	413.00
BRG, LOWER 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
SUCTION BELL	N3D24AA	0220F	2,613.00
SNAP RING (2 per prop)	HYD37G3	0007F	53.00
KEY (1 per prop)	16F104S0474	4780F	5.70
BRG, SUCTION 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
PIPE PLUG, 1-1/2"	20F7A0005	0008F	11.94
CAP SCREW 3/4" X 2-1/2" (qty 8)	11F7A0204	0001F	5.70
HEX NUT 3/4" (qty 8)	11F25A10008	0006F	3.80
SAND CAP	T7DK80	9649F	253.00
SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTERMEDIATE BOWL (2-stage ONLY)	N3D23S	0220F	8,563.00
BRG, UPPER 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
BRG, LOWER 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
CAP SCREW 3/4" X 2-1/2" (qty 8)	11F7A0204	0001F	5.70
HEX NUT 3/4" (qty 8)	11F25A10008	0006F	3.80
PROP B1324A	N3DB21A	1140F	3,499.00
PROP B1369	N3DC21C	1140F	3,499.00
PROP B1370	N3DD21E	1140F	3,499.00
PROP B1369.5	N3DE21E	1140F	3,499.00
OPTIONAL THREADED 12" FLANGE (To connect bowl to threaded column) (Attaches to above "Flanged" discharge)	H6P553B	0220F	Refer to Page 11 in the Notes section
CAP SCREW, (opt threaded disch) 1-8 X 5-1/2 (qty 12 pcs)	11F7A0267	0001F	
HEX NUTS, 1" (opt threaded disch) (qty 12 pcs)	11F25A10010	0006F	

Pump shaft, 1-7/16" diameter

12" 8312			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
7500 FLANGE DISCHARGE	F2A8R	0220F	\$3,851.00
BRG, DISCHARGE	DD20	9649F	413.00
BRG, LOWER 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
SUCTION BELL	F2A6P	0220F	2,474.00
LOCK COLLET	T6D138A	9660F	950.00
LOCK NUT	T6D139A	1641F	1,052.00
BRG, SUCTION 1 7/16 X 1 7/8 X 4 1/2	T7DK106A	9649F	303.00
PIPE PLUG, 1-1/2"	20F7A0005	0008F	11.94
CAP SCREW 5/8" X 1-1/2" (qty 8)	11F7A0171	0001F	5.70
SAND CAP	T7DK80	9649F	253.00
SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTERMEDIATE BOWL (2-stage ONLY)	F2A7E	0220F	2,123.00
BRG, UPPER 1 7/16 X 1 7/8 X 2 15/16	T7DK106	9649F	149.00
BRG, LOWER 1 7/16 X 1 7/8 X 2 15/16	T7DK106	9649F	149.00
CAP SCREW 5/8" X 1-1/2" (qty 8)	11F7A0171	0001F	5.70
PROP B1453T	F2A9N	1140F	2,746.00
PROP B1451T	F2A9P	1140F	2,746.00
PROP B1452T	F2A9R	1140F	2,746.00
PROP B1450F	F2A9M	1140F	2,746.00

Pump shaft, 1-7/16" diameter

14" 8312			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
7500 FLANGE DISCHARGE	F2B8AV	0220F	\$6,189.00
BRG, DISCHARGE	DD20C	9649F	427.00
BRG, LOWER 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
SUCTION BELL	F2B6BG	0220F	3,523.00
LOCK COLLET	T6E138	9660F	300.00
LOCK NUT	T6E139A	1641F	422.00
BRG, SUCTION 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
PIPE PLUG, 2"	20F7A0006	0008F	22.76
CAP SCREW 3/4" X 1-3/4" (qty 12)	11F7A0201	0001F	5.70
SAND CAP	T7E80	9649F	146.00
SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTERMEDIATE BOWL (2-stage ONLY)	F2B7R	0220F	4,075.00
BRG, UPPER 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
BRG, LOWER 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
CAP SCREW 3/4" X 1-3/4" (qty 12)	11F7A0201	0001F	5.70
PROP A310F	F2B9W	1140F	4,407.00
PROP A311T	F2B9V	1140F	4,407.00
PROP A312T	F2B9X	1140F	4,407.00
PROP A313T	F2B9Y	1140F	4,407.00

Pump shaft, 1-11/16" diameter

16" 8312			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
7500 FLANGE DISCHARGE	F2C8AJ	0220F	\$8,273.00
BRG, DISCHARGE	DD20C	9649F	427.00
BRG, LOWER 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
SUCTION BELL	F2C6AM	0220F	5,660.00
LOCK COLLET	T6E138	9660F	300.00
LOCK NUT	T6E139A	1641F	422.00
BRG, SUCTION 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
PIPE PLUG, 2"	20F7A0006	0008F	22.76
CAP SCREW 3/4" X 2" (qty 12)	11F7A0202	0001F	5.70
SAND CAP	T7E80	9649F	146.00
SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTERMEDIATE BOWL (2-stage ONLY)	F2C7J	0220F	9,283.00
BRG, UPPER 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
BRG, LOWER 1 11/16 X 2 1/8 X 5 1/8	T7E106A	9649F	203.00
CAP SCREW 3/4" X 2" (qty 12)	11F7A0202	0001F	5.70
PROP A370F	F2C9Y	1140F	5,244.00
PROP A371T	F2C9Z	1140F	5,244.00
PROP A371.5T	F2C9AA	1140F	5,244.00
PROP A372T	F2C9AB	1140F	5,244.00
PROP A373T	F2C9AC	1140F	5,244.00

Pump shaft, 1-11/16" diameter

20" 8312			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
7500 FLANGE DISCHARGE	F2E8W	0220F	\$15,836.00
BRG, DISCHARGE	DE20	9649F	685.00
BRG, LOWER 1 15/16 X 2 3/8 X 5 3/4	T7F106A	9649F	341.00
SUCTION BELL	F2E6AB	0220F	14,257.00
LOCK COLLET	T6F138A	9660F	1,092.00
LOCK NUT	T6F139A	1641F	1,155.00
BRG, SUCTION 1 15/16 X 2 3/8 X 5 3/4	T7F106A	9649F	341.00
PIPE PLUG, 2-1/2"	20F7A0007	0008F	36.00
CAP SCREW 3/4" X 3" (qty 16)	11F7A0206	0001F	5.70
HEX NUT 3/4" (qty 16)	11F25A10008	0006F	3.80
SAND CAP	T7F80	9649F	267.00
SET SCREW (qty 2)	11F23A0037	0014F	3.03
INTERMEDIATE BOWL (2-stage ONLY)	F2E7F	0220F	14,466.00
BRG, UPPER 1 15/16 X 2 3/8 X 5 3/4	T7F106A	9649F	341.00
BRG, LOWER 1 15/16 X 2 3/8 X 5 3/4	T7F106A	9649F	341.00
CAP SCREW 3/4" X 3" (qty 16)	11F7A0206	0001F	5.70
HEX NUT 3/4" (qty 16)	11F25A10008	0006F	3.80
PROP A342T	F2E9T	1140F	6,867.00
PROP A342.5T	F2E9X	1140F	6,867.00
PROP A343T	F2E9U	1140F	6,867.00
PROP A340T	F2E9V	1140F	6,867.00

Pump shaft, 1-15/16" diameter

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>COLUMN FLANGE &amp; BOLTS</b>			
4" Column Flange for 12" x 4" C Head (old style)	H6B546B	0220F	RTF
Column Flange Gasket for C Heads (old style)	H6B114A	8180F	RTF
6" Col. Flange for 16-1/2" x 6" C Head (old style)	H6B548A	0220F	RTF
Column Flange Gasket for 16-1/2 x 4", 6", 8" & 10" D Heads	R2K87E	8180F	\$55.00
Bolts (3/4-10x4-1/2") for 6" Column Flange for 16-1/2" x 6" C Head, 8 required	11F7A0211	0001F	RTF
4" Column Flange for 16-1/2" x 6" D Head	H7T7305A	0220F	1,450.00
Column Flange Gasket for 16-1/2 x 4", 6", 8" & 10" D Heads	R2K87E	8180F	55.00
Bolts (1-8X2-1/2") for 6" Column Flange for 16-1/2" x 6" D Head, 12 required	11F7A0258	0001F	18.49
6" Column Flange for 16-1/2" x 6" D Head	H7D7305A	0220F	1,094.00
Column Flange Gasket for 16-1/2 x 4", 6", 8" & 10" D Heads	R2K87E	8180F	55.00
Bolts (1-8X2-1/2") for 6" Column Flange for 16-1/2" x 6" D Head, 12 required	11F7A0258	0001F	18.49
8" Column Flange for 16-1/2" x 8" D Head	H7F7305A	0220F	1,194.00
Column Flange Gasket for 16-1/2 x 4", 6", 8" & 10" D Heads	R2K87E	8180F	55.00
Bolts (1-8X2-1/2") for 8" Column Flange for 16-1/2" x 8" D Head, 12 required	11F7A0258	0001F	18.49
10" Column Flange for 20" x 10" D Head	H7K7305A	0220F	994.00
Column Flange Gasket for 16-1/2 x 4", 6", 8" & 10" D Heads	R2K87E	8180F	55.00
Bolts (1-8X4-1/2") for 10" Column Flange for 20" x 12" D Head, 12 required	11F7A0265	0001F	21.33
12" Column Flange for 20" x 10" D Head to connect to 12" column (10 x 12)	H7M7305A	0220F	1,970.00
Column Flange Gasket for 16-1/2 x 4", 6", 8" & 10" D Heads	R2K87E	8180F	55.00
Bolts (1-8X3") for 12" Column Flange for 20" x 12" D Head, 12 required	11F7A0260	0001F	18.49
12" Column Flange for 20" x 12" H Head & D Head	H6P553A	0220-C	588.00
Column Flange Gasket for 20" x 12" H Head & D Head	H6P114A	8180F	108.00
Bolts (1-8x4-1/2") for 10" Column Flange for 20" x 12" H Head, 12 required	11F7A0265	0001F	21.33
14" Column Flange for 24-1/2" x 14" H head	H4T139A	0220F	4,465.00
Column Flange Gasket for 24-1/2" x 14" H Head	H4T114	8180F	274.00
Bolts (1-8x4-1/2") for 14" Column flange for 24-1/2" x 14" H Head, 12 required	11F7A0265	0001F	21.33
Shim Wedge	LV9105001	3980F	44.00

Discharge Head Accessories			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>MOTOR ADAPTOR PLATES</b>			
SMALL HEAD TO LARGE MOTOR (Cast Iron)	MTRADPT001	n/a	\$837.00
LARGE HEAD TO SMALL MOTOR (Cast Iron)	MTRADPT002	n/a	837.00
16 1/2" X 8" CT HEAD HAS DUAL REGISTER (FITS 8 1/2", 10", 13" BD) IT DOES NOT NEED ADAPTOR PLATE.			
<b>COUPLING GUARDS (Protects exposed moving parts in Discharge Head)</b>			
ALL HEADS 9" X 65.50" LONG (a/k/a Shaft Guards)	T3A267AH	1116F	583.00
SPRINGS 3/8" OD (to hold guard together) (Qty 2)	HYD80A	n/a	15.45
<b>FOUNDATION / SOLE PLATE (Gives extra stability to Discharge Head)</b>			
16 1/2 X 6,8,10 CT Heads and ALL D HEADS (24x24x1.5)	H16F7018A	0220F	703.00
12" X 4 DT HEADS (20x20x1.5)	H12T7018A	0220F	461.00
20 X 12 CT HEAD (29x29x1.5)	HLM18	0220F	1,063.00

Miscellaneous Accessories			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>STEP COUPLINGS (All Left-Hand threaded)</b>			
CPLG STEP 1-1/4 X 1-3/16 (10 X 12 tpi)	S7AD462A	9660F	284.00
CPLG STEP 1-1/2 X 1-7/16 (10 X 12 tpi)	S7AF462A	9660F	315.00
CPLG STEP 1-15/16X11/16 (10 X 10 tpi)	S4F462E	9660F	374.00
CPLG STEP 2-3/16 X 1-15/16 (10 X 10 tpi)	S4H462B	9660F	398.00
<b>INCREASER (used to INCREASE Column Size) (Sm Disch to Lg Column)</b>			
ADAPTER, COLUMN INCREASER 6" TO 8"	40095120	n/a	1,499.00
ADAPTER, COLUMN INCREASER 8" TO 10"	40095121	n/a	2,145.00
ADAPTER, COLUMN INCREASER 10" TO 12"	40095122	n/a	3,525.00
<b>REDUCER BUSHING (used to DECREASE Column Size) (Lg Disch to Sm Column)</b>			
4" BUTT X 6" BUTT REDUCER BUSHING	RT235K	0220F	2,000.00
5" BUTT X 6" BUTT REDUCER BUSHING	RC235C	0220F	1,873.00
6" BUTT X 8" BUTT REDUCER BUSHING	RD235	0220F	634.00
8" BUTT X 10" BUTT REDUCER BUSHING	RF235B	0220F	965.00
10" BUTT X 12" BUTT REDUCER BUSHING	RK235A	0220F	2,550.00
12" BUTT X 14" BUTT REDUCER BUSHING	RM235A	0220F	2,321.00
<b>COLUMN COUPLING</b>			
COUPLING 4" COLUMN (Fits 6M and 7M)	RT7086A	7380F	267.00
COUPLING 6" COLUMN	RD7086A	7390F	391.00
COUPLING 8" COLUMN	RF7086A	7390F	296.00
COUPLING 10" COLUMN	RK7086A	7390F	441.00
COUPLING 12" COLUMN	RM7086A	7390F	583.00



BEARING RETAINERS (Shaft Sz X Column Sz)	SYMBOL	MAT'L CODE	LIST PRICE	RUBBER BEARINGS	MAT'L CODE	LIST PRICE
Bearing Retainer 1"Shaft x 4" Column	HYD69A1	1140F	\$193.00	HYD60A1	9380F	\$27.00
Bearing Retainer 1-1/4"Shaft x 4" Column	HYD69A1	1140F	193.00	HYD60A14	9380F	66.00
Bearing Retainer 1"Shaft x 6" Column	HYD69A4	1140F	215.00	HYD60A3	9380F	65.00
Bearing Retainer 1-3/16"Shaft x 6" Column	HYD69A4	1140F	215.00	HYD60A4	9380F	RTF
Bearing Retainer 1-1/4"Shaft x 6" Column	HYD69A4	1140F	215.00	HYD60A14	9380F	66.00
Bearing Retainer 1-1/2"Shaft x 6" Column	HYD69A5	1140F	321.00	HYD60A16	9380F	33.00
Bearing Retainer 1"Shaft x 8" Column	HYD69A6	1140F	397.00	HYD60A3	9380F	65.00
Bearing Retainer 1-3/16"Shaft x 8" Column	HYD69A6	1140F	397.00	HYD60A4	9380F	RTF
Bearing Retainer 1-1/4"Shaft x 8" Column	HYD69A6	1140F	397.00	HYD60A14	9380F	66.00
Bearing Retainer 1-7/16"Shaft x 8" Column	HYD69A7	1140F	427.00	HYD60A5	9380F	RTF
Bearing Retainer 1-1/2"Shaft x 8" Column	HYD69A7	1140F	427.00	HYD60A16	9380F	33.00
Bearing Retainer 1-11/16"Shaft x 8" Column	HYD69A7	1140F	427.00	HYD60A6	9380F	65.00
Bearing Retainer 1-15/16"Shaft x 8" Column	HYD69A8	1140F	419.00	HYD60A11	9380F	105.00
Bearing Retainer 1"Shaft x 10" Column	HYD69A9	1140F	484.00	HYD60A7	9380F	216.00
Bearing Retainer 1-3/16"Shaft x 10" Column	HYD69A9	1140F	484.00	HYD60A8	9380F	RTF
Bearing Retainer 1-1/4"Shaft x 10" Column	HYD69A9	1140F	484.00	HYD60A15	9380F	184.00
Bearing Retainer 1-7/16"Shaft x 10" Column	HYD69A9	1140F	484.00	HYD60A9	9380F	RTF
Bearing Retainer 1-1/2"Shaft x 10" Column	HYD69A9	1140F	484.00	HYD60A17	9380F	105.00
Bearing Retainer 1-11/16"Shaft x 10" Column	HYD69A9	1140F	484.00	HYD60A10	9380F	105.00
Bearing Retainer 1-15/16"Shaft x 10" Column	HYD69A9	1140F	484.00	HYD60A11	9380F	105.00
Bearing Retainer 2-3/16"Shaft x 10" Column	HYD69A9	1140F	484.00	HYD60A18	9380F	127.00
Bearing Retainer 1"Shaft x 12" Column	HYD69A11	1140F	847.00	HYD60A7	9380F	216.00
Bearing Retainer 1-1/4"Shaft x 12" Column	HYD69A11	1140F	847.00	HYD60A15	9380F	184.00
Bearing Retainer 1-1/2"Shaft x 12" Column	HYD69A11	1140F	847.00	HYD60A17	9380F	105.00
Bearing Retainer 1-11/16"Shaft x 12" Column	HYD69A11	1140F	847.00	HYD60A10	9380F	105.00
Bearing Retainer 1-15/16"Shaft x 12" Column	HYD69A11	1140F	847.00	HYD60A11	9380F	105.00
Bearing Retainer 2-3/16"Shaft x 12" Column	HYD69A11	1140F	847.00	HYD60A18	9380F	127.00
Bearing Retainer 1"Shaft x 14" Column	HYD69A13	1140F	1,134.00	HYD60A7	9380F	216.00
Bearing Retainer 1-1/4"Shaft x 14" Column	HYD69A13	1140F	1,134.00	HYD60A15	9380F	184.00
Bearing Retainer 1-1/2"Shaft x 14" Column	HYD69A13	1140F	1,134.00	HYD60A17	9380F	105.00
Bearing Retainer 1-11/16"Shaft x 14" Column	HYD69A13	1140F	1,134.00	HYD60A10	9380F	105.00
Bearing Retainer 1-15/16"Shaft x 14" Column	HYD69A13	1140F	1,134.00	HYD60A11	9380F	105.00
Bearing Retainer 2-3/16"Shaft x 14" Column	HYD69A13	1140F	1,134.00	HYD60A18	9380F	127.00

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
Enclosing Tube Stabilizer, 1" x 1-1/2" x 4"	R2T253	9280F	\$24.19
Enclosing Tube Stabilizer, 1" x 1-1/2" x 6"	R2D253	9280F	29.00
Enclosing Tube Stabilizer, 1-1/4" x 2" x 6"	R2D254	9280F	29.00
Enclosing Tube Stabilizer, 1-1/2" x 2-1/2" x 6"	R2D255	9280F	RTF
Enclosing Tube Stabilizer, 1-11/16" x 2-1/2" x 6"	R2D255	9280F	RTF
Enclosing Tube Stabilizer, 1" x 1-1/2" x 8"	R2F253	9280F	38.00
Enclosing Tube Stabilizer, 1-1/4" x 2" x 8"	R2F254	9280F	49.00
Enclosing Tube Stabilizer, 1-1/2" x 2-1/2" x 8"	R2F255	9280F	49.00
Enclosing Tube Stabilizer, 1-11/16" x 2-1/2" x 8"	R2F255	9280F	49.00
Enclosing Tube Stabilizer, 1-15/16" x 3" x 8"	R2F256	9280F	RTF
Enclosing Tube Stabilizer, 2-3/16" x 3" x 8"	R2F256	9280F	RTF
Enclosing Tube Stabilizer, 1" x 1-1/2" x 10"	R2K253	9280F	61.00
Enclosing Tube Stabilizer, 1-1/4" x 2" x 10"	R2K254	9280F	65.00
Enclosing Tube Stabilizer, 1-1/2" x 2-1/2" x 10"	R2K255	9280F	66.00
Enclosing Tube Stabilizer, 1-11/16" x 2-1/2" x 10"	R2K255	9280F	66.00
Enclosing Tube Stabilizer, 1-15/16" x 3" x 10"	R2K256	9280F	75.00
Enclosing Tube Stabilizer, 2-3/16" x 3" x 10"	R2K256	9280F	75.00
Enclosing Tube Stabilizer, 1-1/4" x 2" x 12"	R2M254	9280F	66.00
Enclosing Tube Stabilizer, 1-1/2" x 2-1/2" x 12"	R2M255	9280F	72.00
Enclosing Tube Stabilizer, 1-11/16" x 2-1/2" x 12"	R2M255	9280F	72.00
Enclosing Tube Stabilizer, 1-15/16" x 3" x 12"	R2M256	9280F	89.00
Enclosing Tube Stabilizer, 2-3/16" x 3" x 12"	R2M256	9280F	89.00

\*RECOMMEND INTERVAL EVERY 40 FEET IN LINE TUBE FOR DEEP WELL ONLY.

**Discharge Head Components**

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>1" Shaft Size</b>			
175 PSI PACKING BOX KIT	G14005	1111G	Refer to page 10 Shaft Seal Assembly
400 PSI PACKING BOX KIT	G13990	1111G	
TOP SHAFT ADJUSTING NUT	MS1151A	9660F	\$111.00
SET SCREW, ADJUSTING NUT	11F12F0109	0006F	3.80
TOP SHAFT SLEEVE	S7B377A	2380F	284.00
DEFLECTOR	S3B480	9380F	14.70
GLAND HALF	H7B7033A	0220F	143.00
GLAND HALF (BRONZE)	H7B7033A	1140F	203.00
CAP SCREW (qty 2)	11F7A0118	0005F	16.61
HEX NUT (qty 2)	11F25A10005	0005F	3.85
LOCK WASHER (qty 2)	11F1S10011	0014F	7.59
PACKING KIT	HYD33A66	N/A	24.19
WATER SEAL RING (400 PSI ONLY)	HYD40C17	8100F	537.00
175 PSI PACKING BOX	H7B7037P	0220F	260.00
400 PSI PACKING BOX	H7B7037B	0220F	RTF
175 PSI PACKING BOX GASKET	H7A7129A	8380F	9.50
400 PSI PACKING BOX GASKET	H6E129A	8380F	24.19
PACKING BOX BUSHING	H7B756B	9649F	99.00
CAP SCREW (qty 4) (bolts pkg box to head)	11F7A0201	0001F	5.70
GREASE-ZERK (Lube Fitting) (qty 1)	20F23E0003	0013F	9.50
PIPE PLUG, 1/8" (qty 1)	40062697	N/A	7.59
25 1/4" ENCLOSING TOP TUBE	DB7010C	7380F	359.00
61 1/4" ENCLOSING TOP TUBE	DB7010A	7380F	426.00
TOP TUBE TENSION NUT (O/L ONLY)	DB7027A	1150F	999.00
TOP TUBE TENSION NUT CASTING (O/L ONLY)	DB7027A	1150C	814.00
TENSION NUT GASKET (copper) (O/L ONLY)	H7A7945A	0920F	75.00

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>1 1/4" Shaft Size</b>			
175 PSI PACKING BOX KIT	G14007	1111G	Refer to page 10 Shaft Seal Assembly
400 PSI PACKING BOX KIT	G14992	1111G	
TOP SHAFT ADJUSTING NUT	MS1151CX	9660F	\$116.00
SET SCREW, ADJUSTING NUT	11F12A0147	0006F	3.80
TOP SHAFT SLEEVE	S7AD377B	2380F	378.00
DEFLECTOR	S28A126C	9380F	30.00
GLAND HALF	H7AD7033A	0220F	116.00
GLAND HALF (BRONZE) (replaces H7AD7033A 1140F)	W150A19A	1140F	217.00
CAP SCREW (qty 2)	11F7A0118	0005F	16.61
HEX NUT (qty 2)	11F25A10005	0005F	3.85
LOCK WASHER (qty 2)	11F1S10011	0014F	7.59
PACKING KIT	HYD33A67	0010F	111.00
WATER SEAL RING (400 PSI ONLY)	HYD40C19	8100F	557.00
175 PSI PACKING BOX	H7AD7037L	0220F	701.00
400 PSI PACKING BOX	H7AD7037B	0220F	RTF
175 PSI PACKING BOX GASKET	H7A7129A	8380F	9.50
400 PSI PACKING BOX GASKET	H6E129A	8380F	24.19
PACKING BOX BUSHING	H7AD756B	9649F	143.00
CAP SCREW (qty 4) (bolts pkg box to head)	11F7A0201	0001F	5.70
GREASE-ZERK (Lube Fitting) (qty 1)	20F23E0003	0013F	9.50

**Discharge Head Components**

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>1 1/4" Shaft Size, continued</b>			
PIPE PLUG, 1/8" (qty 1)	40062697	N/A	\$7.59
25 1/4" ENCLOSING TOP TUBE	DC7010C	7380F	378.00
61 1/4" ENCLOSING TOP TUBE	DC7010A	7380F	591.00
TOP TUBE TENSION NUT (O/L ONLY)	DC7027A	1150F	1,117.00
TOP TUBE TENSION NUT CASTING (O/L ONLY)	DC7027A	1150C	492.00
TENSION NUT GASKET (copper) (O/L ONLY)	H7A7945A	0920F	75.00
175 PSI PACKING BOX KIT	G14009	1111G	Refer to page 10 Shaft Seal Assembly
400 PSI PACKING BOX KIT	G13994	1111G	
TOP SHAFT ADJUSTING NUT	MS1151CY	9660F	\$193.00
SET SCREW, ADJUSTING NUT	11F12A0148	0006F	3.80
TOP SHAFT SLEEVE	S7AF377B	2380F	425.00
DEFLECTOR	D4A126L	9380F	14.70
GLAND HALF	H7AF7033A	0220F	128.00
GLAND HALF (BRONZE)	H7AF7033A	1140F	267.00
CAP SCREW (qty 2)	11F7A0118	0005F	16.61
HEX NUT (qty 2)	11F25A10005	0005F	3.85
LOCK WASHER (qty 2)	11F1S10011	0014F	7.59
PACKING KIT	HYD33A68	N/A	33.00
WATER SEAL RING (400 PSI ONLY)	HYD40C21	8100F	334.00
175 PSI PACKING BOX	H7AF7037A	0220F	341.00
400 PSI PACKING BOX	H7AF7037B	0220F	RTF
175 PSI PACKING BOX GASKET	H7A7129A	8380F	9.50
400 PSI PACKING BOX GASKET	H6E129A	8380F	RTF
PACKING BOX BUSHING	H7AF756B	9649F	123.00
CAP SCREW (qty 4) (bolts pkg box to head)	11F7A0201	0001F	5.70
GREASE-ZERK (Lube Fitting) (qty 1)	20F23E0003	0013F	9.50
PIPE PLUG, 1/8" (qty 1)	40062697	N/A	7.59
25 1/4" ENCLOSING TOP TUBE	DD7010C	7380F	397.00
61 1/4" ENCLOSING TOP TUBE	DD7010A	7380F	591.00
TOP TUBE TENSION NUT (O/L ONLY)	DD7027D	1150F	1,255.00
TOP TUBE TENSION NUT CASTING (O/L ONLY)	DD7027D-	1150C	1,170.00
TENSION NUT GASKET (copper) (O/L ONLY)	H7A7945A	0920F	75.00
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>1 11/16" Shaft Size</b>			
175 PSI PACKING BOX KIT	G14010	1111G	Refer to page 10 Shaft Seal Assembly
400 PSI PACKING BOX KIT	G13995	1111G	
TOP SHAFT ADJUSTING NUT	MS1151F	9660F	\$241.00
SET SCREW, ADJUSTING NUT	11F12A0149	0006F	3.80
TOP SHAFT SLEEVE	S7E377A	2380F	426.00
DEFLECTOR	S3E480	9380F	42.00
GLAND HALF	W175A19B	0220F	115.00
GLAND HALF (BRONZE)	W175A19B	1140F	172.00
CAP SCREW (qty 2)	11F7A0118	0005F	16.61
HEX NUT (qty 2)	11F25A10005	0005F	3.85
LOCK WASHER (qty 2)	11F1S10011	0014F	7.59
PACKING KIT	HYD33A69	N/A	88.00
WATER SEAL RING (400 PSI ONLY)	HYD40C22	8100F	258.00
175 PSI PACKING BOX	H7E7037A	0220F	427.00

**Discharge Head Components**

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>1 11/16" Shaft Size, continued</b>			
400 PSI PACKING BOX	H7E7037B	0220F	RTF
175 PSI PACKING BOX GASKET	H7A7129A	8380F	9.50
400 PSI PACKING BOX GASKET	H6E129A	8380F	24.19
PACKING BOX BUSHING	H7E756F	9649F	214.00
CAP SCREW (qty 4) (bolts pkg box to head)	11F7A0201	0001F	5.70
GREASE-ZERK (Lube Fitting) (qty 1)	20F23E0003	0013F	9.50
PIPE PLUG, 1/8" (qty 1)	40062697	N/A	7.59
25 1/4" ENCLOSING TOP TUBE	DD7010C	7380F	397.00
61 1/4" ENCLOSING TOP TUBE	DD7010A	7380F	591.00
TOP TUBE TENSION NUT (O/L ONLY)	DD7027B	1150F	1,349.00
TOP TUBE TENSION NUT CASTING (O/L ONLY)	DD7027D-	1150C	1,170.00
TENSION NUT GASKET (copper) (O/L ONLY)	H7A7945A	0920F	75.00

<b>1 15/16" Shaft Size</b>			
175 PSI PACKING BOX KIT	G14011	1111G	Refer to page 10 Shaft Seal Assembly
400 PSI PACKING BOX KIT	G13996	1111G	
<b>1 15/16" Shaft Size, continued</b>			
TOP SHAFT ADJUSTING NUT	MS1151L	9660F	\$369.00
SET SCREW, ADJUSTING NUT	11F12A0151	0006F	3.80
TOP SHAFT SLEEVE	S7F377A	2380F	636.00
DEFLECTOR	S3F480	9380F	18.49
GLAND HALF	W200A19B	0220F	131.00
GLAND HALF (BRONZE)	W200A19B	1140F	RTF
CAP SCREW (qty 2)	11F7A0118	0005F	16.61
HEX NUT (qty 2)	11F25A10005	0005F	3.85
LOCK WASHER (qty 2)	11F1S10011	0014F	7.59
PACKING KIT	HYD33A70	N/A	38.00
WATER SEAL RING (400 PSI ONLY)	HYD40C23	8100F	612.00
175 PSI PACKING BOX	H7F7037A	0220F	542.00
400 PSI PACKING BOX	H7F7037B	0220F	RTF
175 PSI PACKING BOX GASKET	H7A7129A	8380F	9.50
400 PSI PACKING BOX GASKET	H6E129A	8380F	24.19
PACKING BOX BUSHING	H7F756B	9649F	270.00
CAP SCREW (qty 4) (bolts pkg box to head)	11F7A0201	0001F	5.70
GREASE-ZERK (Lube Fitting) (qty 1)	20F23E0003	0013F	9.50
PIPE PLUG, 1/8" (qty 1)	40062697	N/A	7.59
25 1/4" ENCLOSING TOP TUBE	DE7010C	7380F	963.00
61 1/4" ENCLOSING TOP TUBE	DE7010A	7380F	765.00
TOP TUBE TENSION NUT (O/L ONLY)	DE7027A	1150F	2,256.00
TOP TUBE TENSION NUT CASTING (O/L ONLY)	DE7027A	1150C	RTF
TENSION NUT GASKET (copper) (O/L ONLY)	H7A7945A	0920F	75.00

**Discharge Head Components**

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>2 3/16" Shaft Size</b>			
175 PSI PACKING BOX KIT	G13989	1111G	Refer to page 10 Shaft Seal Assembly
400 PSI PACKING BOX KIT	G13997	1111G	
TOP SHAFT ADJUSTING NUT	MS1151CZ	9660F	\$586.00
SET SCREW, ADJUSTING NUT	11F12A0196	0006F	3.80
TOP SHAFT SLEEVE	S7H377B	2380F	1,595.00
DEFLECTOR	S3H480	9380F	11.33
GLAND HALF	H7H7033A	0220F	196.00
GLAND HALF (BRONZE)	H7H7033A	1140F	252.00
CAP SCREW (qty 2)	11F7A0118	0005F	16.61
HEX NUT (qty 2)	11F25A10005	0005F	3.85
LOCK WASHER (qty 2)	11F1S10011	0014F	7.59
PACKING KIT	HYD33A71	N/A	299.00
WATER SEAL RING (400 PSI ONLY)	HYD40C24	8100F	332.00
175 PSI PACKING BOX	H7H7037A	0220F	647.00
400 PSI PACKING BOX	H7H7037B	0220F	RTF
175 PSI PACKING BOX GASKET	H7A7129A	8380F	9.50
400 PSI PACKING BOX GASKET	H6E129A	8380F	24.19
PACKING BOX BUSHING	H7H756B	9649F	300.00
CAP SCREW (qty 4) (bolts pkg box to head)	11F7A0201	0001F	5.70
GREASE-ZERK (Lube Fitting) (qty 1)	20F23E0003	0013F	9.50
PIPE PLUG, 1/8" (qty 1)	40062697	N/A	7.59
25 1/4" ENCLOSING TOP TUBE	DE7010C	7380F	963.00
61 1/4" ENCLOSING TOP TUBE	DE7010A	7380F	765.00
TOP TUBE TENSION NUT (O/L ONLY) (3" tube)	DE7027B	1150F	2,256.00
TOP TUBE TENSION NUT CASTING (O/L ONLY) (3-1/2" tube)	DF7027A	1150C	2,256.00
TENSION NUT GASKET (copper) (O/L ONLY)	H7A7945A	0920F	75.00

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>1" Shaft Size</b>			
SHAFT COUPLING	S7B86	9660F	\$61.00
SHAFT COUPLING (SST)	S7B86	3080F	123.00
LINESHAFT SLEEVE (for W/L ONLY)	S7B377	2380F	205.00
CONNECTOR BEARING (O/L)	DB20A	9649F	112.00
1 1/2" X 2" STEP CONNECTOR BEARING (O/L)	DB7124	9649F	737.00
1 1/2" X 2 1/2" STEP CONNECTOR BEARING (O/L)	DB7124A	9649F	898.00
1 1/2" X 3" STEP CONNECTOR BEARING (O/L)	DB7124B	9649F	1,170.00
ENCLOSING TUBE, 1-1/2" X 5' (O/L)	DB7008	7380F	137.00
<b>1-3/16" Shaft Size</b>			
SHAFT COUPLING	S7C86	9660F	73.00
SHAFT COUPLING (SST)	S7C86	3080F	141.00
LINESHAFT SLEEVE (for W/L ONLY)	S7C377	2380F	235.00
CONNECTOR BEARING (O/L)	DC20B	9649F	213.00
2" X 2-1/2" STEP CONNECTOR BEARING (O/L)	DC7124	9649F	1,457.00
2" X 3" STEP CONNECTOR BEARING (O/L)	DC7124A	9649F	1,452.00
ENCLOSING TUBE, 2" X 5' (O/L)	DC7008	7380F	178.00
<b>1 1/4" Shaft Size</b>			
SHAFT COUPLING	S7AD86A	9660F	82.00
SHAFT COUPLING (SST)	S7AD86A	3080F	203.00
LINESHAFT SLEEVE (for W/L ONLY)	S7AD377A	2380F	262.00
CONNECTOR BEARING (O/L)	DC20L	9649F	197.00
2" X 2 1/2" STEP CONNECTOR BEARING (O/L)	DC7124D	9649F	946.00
2" X 3" STEP CONNECTOR BEARING (O/L)	DC7124E	9649F	1,452.00
ENCLOSING TUBE, 2" X 5' (O/L)	DC7008	7380F	178.00
<b>1 7/16" Shaft Size</b>			
SHAFT COUPLING	S7D86	9660F	105.00
SHAFT COUPLING (SST)	S7D86	3080F	151.00
LINESHAFT SLEEVE (for W/L ONLY)	S7D377	2380F	564.00
CONNECTOR BEARING (O/L)	DD20	9649F	413.00
2 1/2" X 3" STEP CONNECTOR BEARING (O/L)	DD7124	9649F	1,472.00
ENCLOSING TUBE, 2-1/2" X 5' (O/L)	DD7008	7380F	240.00
<b>1 1/2" Shaft Size</b>			
SHAFT COUPLING	S7AF86A	9660F	112.00
SHAFT COUPLING (SST)	S7AF86A	3080F	241.00
LINESHAFT SLEEVE (for W/L ONLY)	S7AF377A	2380F	286.00
CONNECTOR BEARING (O/L)	DD20Y	9649F	179.00
2 1/2" X 3" STEP CONNECTOR BEARING (O/L)	DD7124B	9649F	1,472.00
ENCLOSING TUBE, 2-1/2" X 5' (O/L)	DD7008	7380F	240.00

**Lineshaft and Tube Components**

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SHAFT COUPLING	S7E86	9660F	\$116.00
SHAFT COUPLING (SST)	S7E86	3080F	215.00
LINESHAFT SLEEVE (for W/L ONLY)	S7E377	2380F	313.00
CONNECTOR BEARING (O/L)	DD20C	9649F	427.00
2 1/2" X 3" STEP CONNECTOR BEARING (O/L)	DD7124A	9649F	1,472.00
ENCLOSING TUBE, 2-1/2" X 5' (O/L)	DD7008	7380F	240.00
<b>1 15/16" Shaft Size</b>			
SHAFT COUPLING	S7F86	9660F	180.00
SHAFT COUPLING (SST)	S7F86	3080F	309.00
LINESHAFT SLEEVE (for W/L ONLY)	S7F377	2380F	386.00
CONNECTOR BEARING (O/L)	DE20	9649F	685.00
ENCLOSING TUBE, 3" X 5' (O/L)	DE7008	7380F	309.00
<b>2 3/16" Shaft Size</b>			
SHAFT COUPLING	S7H86A	9660F	312.00
SHAFT COUPLING (SST)	S7H86A	3080F	588.00
LINESHAFT SLEEVE (for W/L ONLY)	S7H377A	2380F	672.00
CONNECTOR BEARING (O/L)	DE20R	9649F	696.00
ENCLOSING TUBE, 3" X 5' (O/L)	DE7008	7380F	309.00



Archived

12A, 12B, 12D			
PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
SUCTION CASE (for wear ring)	LV8155081	0220F	\$712.00
SUCTION BELL (for wear ring)	LV8155086	0220F	727.00
WEAR RING, SUCTION BOWL	LV6775147	9649F	286.00
BRG, SUCTION 1 11/16 X 2 X 6	LV0695068	9649F	182.00
PIPE PLUG 2"	20F7A0006	0008F	22.76
SAND COLLAR	LV2255012	9649F	270.00
SAND COLLAR SET SCREW (qty 1)	11F23A0037	0014F	3.03
CAP SCREWS 1/2"-NC X 1 1/4" (# of stages+1)x12=qty (the extra 12 is for the Disch Case)	11F7A0112	0002F	3.03
INTER & TOP INTER BOWL (for wear ring)	LV1055125	0221F	876.00
WEAR RING, INTER BOWLS	LV6775147	9649F	286.00
BRG, INTER BOWLS 1 11/16 X 2 X 4 1/4 - (STANDARD)	LV0695113	9649F	128.00
BRG, INTER BOWLS 1 11/16 X 2 X 4 1/4 - (OPTIONAL)	M16324	Vesconite®	183.00
BRG, TOP INTER O/L 1 11/16 X 2 X 8	LV0695110	9649F	358.00
BRG, TOP INTER W/L 1 11/16 X 2 X 4 1/4	LV0695113	9649F	128.00
COLLET 1-11/16" (416 Stainless Steel)	LV2275006	3080F	211.00
CAP SCREWS 1/2"-NC X 1 1/4 (qty needed for assembly is included above)	11F7A0112	0002F	3.03
DISCHARGE CASE ( LAYNE ) 8" RH	LV1825114	0221F	806.00
DISCHARGE CASE ( LAYNE ) 10" RH	LV1825115	0220F	806.00
DISCHARGE CASE ( FN ) 8" LH	LV1825362	0221F	806.00
BRG, DISCH. CASE W/L 1 11/16 X 2 X 8	LV0695068	9649F	182.00
SAND COLLAR W/L	LV2255031	9380F	63.00
ENCLOSING TUBE ADAPTER (O/L ONLY) (FN)	4.00 FMLH	n/a	Refer to Page 6
ENCLOSING TUBE ADAPTER (O/L ONLY)(LAYNE)	3.50 LBRH	n/a	
LIP SEAL (O/L Only) (qty 2)	HYD2Q13	n/a	152.00
IMPELLER 12A	LV4455418	2660F	889.00
IMPELLER 12B	LV4455419	2660F	889.00
IMPELLER 12D	LV4455420	2660F	889.00

Pump shaft, 1-11/16" diameter

(1) Enclosing tube adapters are semi-finished and will be threaded on the bottom to match the discharge bowl. The top portion of the enclosing tube adapters will be left un-threaded to allow field flexibility when mating up to existing enclosing tubes. Adapters are cast iron construction. Price adder is for purchase of the oil tube adapter with a bowl assembly. If enclosing tube threading information is provided, a completely machined enclosing tube adapter can be provided for an additional \$225 List Price Each.

Vesconite® is a registered trademark of Virginia Engineering Services (Pty) Limited.

### Discharge Head Components

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>1-3/16" Shaft Size (Obsolete LINEshaft size for FN Products) (Parts used for replacement only - NOT for new builds)</b>			
175 PSI PACKING BOX KIT(Obsolete...for replacement only)	G14006	1111G	\$1,087.00
400 PSI PACKING BOX KIT(Obsolete...for replacement only)	G13991	1111G	RTF
TOP SHAFT ADJUSTING NUT	MS1151C	9660F	112.00
SET SCREW, ADJUSTING NUT	11F12A0147	0006F	3.80
TOP SHAFT SLEEVE	S7C377A	2380F	312.00
DEFLECTOR	S3C480	9380F	14.70
GLAND HALF	H7AD7033A	0220F	116.00
GLAND HALF (BRONZE)	H7AD7033A	1140F	RTF
CAP SCREW (qty 2)	11F7A0118	0005F	16.61
HEX NUT (qty 2)	11F25A10005	0005F	3.85
LOCK WASHER (qty 2)	11F1S10011	0014F	7.59
PACKING KIT	HYD33A67	0010F	111.00
WATER SEAL RING (400 PSI ONLY)	HYD40C18	8100F	RTF
175 PSI PACKING BOX	H7AD7037L	0220F	701.00
400 PSI PACKING BOX	H7AD7037B	0220F	RTF
175 PSI PACKING BOX GASKET	H7A7129A	8380F	9.50
400 PSI PACKING BOX GASKET	H6E129A	8380F	24.19
PACKING BOX BUSHING	H7C756B	9649F	75.00
CAP SCREW (qty 4) (bolts pkg box to head)	11F7A0201	0001F	5.70
GREASE-ZERK (Lube Fitting) (qty 1)	20F23E0003	0013F	9.50
PIPE PLUG, 1/8" (qty 1)	40062697	N/A	7.59
25 1/4" ENCLOSING TOP TUBE	DB7010C	7380F	359.00
61 1/4" ENCLOSING TOP TUBE	DB7010A	7380F	426.00
TOP TUBE TENSION NUT (O/L ONLY)	DC7027B	1150F	1,372.00
TOP TUBE TENSION NUT CASTING (O/L ONLY)	DC7027A	1150C	492.00
TENSION NUT GASKET (copper) (O/L ONLY)	H7A7945A	0920F	75.00

Fairbanks Nijhuis™ no longer uses 1-3/16" and 1-7/16" LINE shaft sizes. You may occasionally come across an end-user who has an old assembly with one of these obsolete LINEshaft sizes. If they require a packing box assy, they would order the "G" number listed above. (BOWLshaft is still used in these sizes.)

Be sure to cover the below issues with your customer BEFORE ordering:

QUESTION: Is there a plate bolted in the head?

1. If Yes ... Remove the plate and find out the ID of the hole in the discharge head. If it is 4-3/4", the replacement packing box kit will fit. If it is NOT 4-3/4", they will need to purchase a new discharge head.
2. If the ID of the hole in the discharge head is 4-3/4", the assembly can be changed from water lube to oil lube, if needed. To convert, you have to lock-tite set screws in the holes flush, just below the surface. You can then install a gasket & stretch nut to convert it to oil lube.

### Discharge Head Components

PART DESCRIPTION	SYMBOL	MATERIAL CODE	LIST PRICE
<b>1-7/16" Shaft Size (Obsolete LINEshaft size for FN Products)</b> (Parts used for replacement only - NOT for new builds)			
175 PSI PACKING BOX KIT (Obsolete...for replacement only)	G14008	1111G	\$1,360.00
400 PSI PACKING BOX KIT (Obsolete...for replacement only)	G13993	1111G	2,281.00
TOP SHAFT ADJUSTING NUT	MS1151D	9660F	146.00
SET SCREW, ADJUSTING NUT	11F12A0148	0006F	3.80
TOP SHAFT SLEEVE	S7D377A	2380F	1,050.00
DEFLECTOR	S3D480	9380F	7.59
GLAND HALF	H7AF7033A	0220F	128.00
GLAND HALF (BRONZE)	H7AF7033A	1140F	267.00
CAP SCREW (qty 2)	11F7A0118	0005F	16.61
HEX NUT (qty 2)	11F25A10005	0005F	3.85
LOCK WASHER (qty 2)	11F1S10011	0014F	7.59
PACKING KIT	HYD33A68	N/A	33.00
WATER SEAL RING (400 PSI ONLY)	HYD40C20	8100F	RTF
175 PSI PACKING BOX	H7AF7037A	0220F	341.00
400 PSI PACKING BOX	H7AF7037B	0220F	RTF
175 PSI PACKING BOX GASKET	H7A7129A	8380F	9.50
400 PSI PACKING BOX GASKET	H6E129A	8380F	24.19
PACKING BOX BUSHING	H7D756B	9649F	108.00
CAP SCREW (qty 4) (bolts pkg box to head)	11F7A0201	0001F	5.70
GREASE-ZERK (Lube Fitting) (qty 1)	20F23E0003	0013F	9.50
PIPE PLUG, 1/8" (qty 1)	40062697	N/A	7.59
25 1/4" ENCLOSING TOP TUBE	DC7010C	7380F	378.00
61 1/4" ENCLOSING TOP TUBE	DC7010A	7380F	591.00
TOP TUBE TENSION NUT (O/L ONLY)	DD7027C	1740F	844.00
TOP TUBE TENSION NUT CASTING (O/L ONLY)	DD7027D-	1150C	1,170.00
TENSION NUT GASKET (copper) (O/L ONLY)	H7A7945A	0920F	75.00

Fairbanks Nijhuis™ no longer uses 1-3/16" and 1-7/16" LINE shaft sizes. You may occasionally come across an end-user who has an old assembly with one of these obsolete LINEshaft sizes. If they require a packing box assembly, they would order the "G" number listed above. (BOWLshaft is still used in these sizes.)

Be sure to cover the below issues with your customer BEFORE ordering:

QUESTION: Is there a plate bolted in the head?

1. If Yes ... Remove the plate and find out the ID of the hole in the discharge head. If it is 4-3/4", the replacement packing box kit will fit. If it is NOT 4-3/4", they will need to purchase a new discharge head.
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## Vertical HOLLOWSHAFT® Motors

HP	RPM	Volts	Encl Type	Eff. Class	Frame	Type	Insulation Class	KVA Code	Thrust Down	LRA	Nom Eff.	CD Dim (in)	BD Dim (in)	NRR Part #	LIST \$ w/NRR	SRC Part #	LIST \$ w/SRC	Wt (lbs)
5	3600	230/460	TEFC	PE	184TP	TUS	F	J	2200	46.4	88.5	17.5625	10	FMHT5P1BLE	\$3,666	FMHT5P1BLEN	\$3,333	170
	1800	230/460	TEFC	PE	184TP	TUS	F	J	2500	49	90.2	17.5625	10	FMHT5P2BLE	3,443	FMHT5P2BLEN	3,110	170
7.5	3600	230/460	TEFC	PE	H213TP	TUS	F	H	2200	62.8	89.5	18.8125	10	FMHT7P1BLE	3,807	FMHT7P1BLEN	3,464	210
	1800	230/460	TEFC	PE	H213TP	TUS	F	H	2500	62	91.7	18.8125	10	FMHT7P2BLE	3,731	FMHT7P2BLEN	3,388	210
	1200	230/460	WP1	PE	254TPH	AUS	F	G	3800	57.7	90.2	23.375	12	FMHO7P3BLF	4,983	FMHO7P3BLFN	4,607	265
10	3600	230/460	TEFC	PE	H215TP	TUS	F	G	2200	80.3	90.2	18.8125	10	FMHT10P1BLE	4,137	FMHT10P1BLEN	3,785	220
	1800	230/460	TEFC	PE	H215TP	TUS	F	H	2500	82	91.7	18.8125	10	FMHT10P2BLE	4,052	FMHT10P2BLEN	3,700	220
	1200	230/460	WP1	PE	256TPH	AUS	F	G	3800	79	91.7	23.375	12	FMHO10P3BLF	5,592	FMHO10P3BLFN	5,207	300
15	3600	230/460	TEFC	PE	H215TP	TUS	F	H	2200	129.8	91	18.8125	10	FMHT15P1BLE	4,650	FMHT15P1BLEN	4,237	220
	1800	230/460	WP1	PE	254TP	AUS	F	G	3300	115	93	24.75	10	FMHO15P2BLE	4,686	FMHO15P2BLEN	4,358	265
			WP1	PE	254TPA	AUS	F	G	3300	115	93	23.375	16.5	FMHO15P2BLG	4,686	FMHO15P2BLGN	4,358	265
			WP1	PRE	254TP	AUSI	F	G	3300	115	93	23.375	10	FMHO15V2BLE	5,226	FMHO15V2BLEN	4,897	265
			TEFC	PE	254TP	TUS	F	G	3300	110	93	22.9375	10	FMHT15P2BLE	5,650	FMHT15P2BLEN	5,227	265
	1200	230/460	WPI	PE	284TP	AUS	F	G	3800	116.4	91.7	24.75	16.5	FMHO15P3BLF	6,548	FMHO15P3BLFN	6,137	305
20	3600	230/460	WP1	PE	254TPH	AUS	F	F	2600	142.1	91	24.75	12	FMHO20P1BLF	4,708	FMHO20P1BLFN	4,061	265
	1800	230/460	WP1	PE	256TPH	AUS	F	F	3300	139	93	24.75	12	FMHO20P2BLF	5,122	FMHO20P2BLFN	4,763	300
			WP1	PE	256TPA	AUS	F	F	3300	139	93	24.75	16.5	FMHO20P2BLG	5,122	FMHO20P2BLGN	4,763	300
			WP1	PRE		AUSI	F	F	3300	139	93	23.375	12	FMHO20V2BLF	5,728	FMHO20V2BLFN	5,352	300
			TEFC	PE	256TP	TUS	F	F	3300	139	93	22.9375	10	FMHT20P2BLE	6,290	FMHT20P2BLEN	5,802	300
	1200	230/460	WP1	PE	286TPH	AUS	F	G	3800	148.3	92.4	24.75	16.5	FMHO20P3BLG	7,307	FMHO20P3BLGN	6,838	325
25	3600	230/460	WP1	PE	256TPH	AUS	F	G	2600	181.3	91.7	23.375	12	FMHO25P1BLF	5,015	FMHO25P1BLFN	4,368	300
	1800	230/460	WP1	PE	284TPA	AUS	F	G	3300	229	93.6	24.75	12	FMHO25P2BLF	5,778	FMHO25P2BLFN	5,374	305
			WP1	PE	284TPH	AUS	F	G	3300	181	93.6	24.75	16.5	FMHO25P2BLG	5,778	FMHO25P2BLGN	5,374	305
			WP1	PRE	284TPA	AUSI	F	G	3300	181	93.6	24.75	12	FMHO25V2BLF	6,456	FMHO25V2BLFN	6,038	305
			TEFC	PE	284TPA	TUS	F	G	3300	178	93.6	26.5625	12	FMHT25P2BLF	7,096	FMHT25P2BLFN	6,551	320
	1200	230/460	WP1	PE	324TP	RUS	F	F	6700	179.3	93	28.2188	16.5	FMHO25P3BLG	8,923	FMHO25P3BLGN	8,383	635
30	3600	230/460	WP1	PE	284TPA	AUS	F	F	2600	198.8	91.7	24.75	10	FMHO30P1BLF	5,369	FMHO30P1BLFN	4,698	300
	1800	230/460	WP1	PE	286TPA	AUS	F	G	3300	229	94.1	24.75	12	FMHO30P2BLF	6,277	FMHO30P2BLFN	5,838	325
			WP1	PE	286TPH	AUS	F	G	3300	229	94.1	24.75	16.5	FMHO30P2BLG	6,277	FMHO30P2BLGN	5,838	325
			WP1	PRE	286TPA	AUSI	F	F	3300	217	92.4	24.75	12	FMHO30V2BLF	7,024	FMHO30V2BLFN	6,559	325
			TEFC	PE	286TPA	TUS	F	G	3300	217	93.6	26.5625	12	FMHT30P2BLF	7,819	FMHT30P2BLFN	7,209	330
	1200	230/460	WP1	PE	326TP	RUS	F	H	6700	261.8	93.6	24.75	16.5	FMHO30P3BLG	9,916	FMHO30P3BLGN	9,296	675


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## Vertical HOLLOWSHAFT® Motors

HP	RPM	Volts	Encl Type	Eff. Class	Frame	Type	Insulation Class	KVA Code	Thrust Down	LRA	Nom Eff.	CD Dim (in)	BD Dim (in)	NRR Part #	LIST \$ w/NRR	SRC Part #	LIST \$ w/SRC	Wt (lbs)	
40	1800	3600	230/460	WP1	PE	286TPA	AUS	F	G	2600	297.7	92.4	24.75	12	FMHO40P1BLF	5,927	FMHO40P1BLFN	5,228	330
		460 PWS	WP1	PE	324TPH	RUS	F	G		286	286	94.5	28.2188	12	FMHO40P2BLF	7,017	FMHO40P2BLFN	6,526	635
			WP1	PE	324TP	RUS	F	G		5700	286	94.5	28.2188	16.5	FMHO40P2BLG	7,017	FMHO40P2BLGN	6,526	635
			WP1	PRE	324TPH	RUSI	F	G		5700	286	94.5	28.2188	12	FMHO40V2BLF	7,779	FMHO40V2BLFN	7,296	635
			WP1	PRE	324TP	RUSI	F	G		5700	286	94.5	28.2188	16.5	FMHO40V2BLG	7,779	FMHO40V2BLGN	7,296	635
			TEFC	PE	324TP	TUS	F	G		4500	284	94.5	28.5	16.5	FMHT40P2BLG	9,902	FMHT40P2BLGN	9,221	665
	1200	230/460	WP1	PE	364TP	RUS	F	H		11725	352	94.1	31.156	16.5	FMHO40P3BLGX	12,880	FMHO40P3BLGXN	12,124	730
50	1800	3600	230/460	WP1	PE	326TPH	RUS	F	G	4600	362.5	93	28.2188	12	FMHO50P1BLF	8,571	FMHO50P1BLFN	RTF	675
		460 PWS	WP1	PE	326TPH	RUS	F	G		5700	357	94.5	28.2188	12	FMHO50P2BLF	8,182	FMHO50P2BLFN	7,609	675
			WP1	PE	326TP	RUS	F	G		5700	357	94.5	28.2188	16.5	FMHO50P2BLG	8,182	FMHO50P2BLGN	7,609	675
			WP1	PRE	326TP	RUSI	F	G		5700	357	94.5	28.2188	16.5	FMHO50V2BLG	8,894	FMHO50V2BLGN	8,320	736
			TEFC	PE	326TP	TUS	F	G		4500	359	94.5	28.5	16.5	FMHT50P2BLG	11,426	FMHT50P2BLGN	10,618	690
	1200	230/460	WP1	PE	365TP	RUS	F	H		11725	467.5	94.1	31.156	16.5	FMHO50P3BLGX	15,609	FMHO50P3BLGXN	14,271	800
60	1800	3600	460 PWS	WP1	PE	326TP	RUS	F	H	4600	525	93.6	28.2188	16.5	FMHO60P1SLG	\$9,841	FMHO60P1SLGN	\$9,203	675
		460 PWS	WP1	PE	364TP	RUS	F	G		5700	434	95	31.156	16.5	FMHO60P2BLG	9,528	FMHO60P2BLGN	8,861	730
			WP1	PE	364TP	RUS	F	G		5700	434	95	31.156	16.5	FMHO60P2SLG	9,528	FMHO60P2SLGN	8,861	730
			WP1	PRE	364TP	RUSI	F	G		5700	434	94.5	31.156	16.5	FMHO60V2SLG	10,528	FMHO60V2SLGN	9,868	730
			TEFC	PE	364TP	TUS	F	F		5600	404.9	95	30	16.5	FMHT60P2CLG	14,172	FMHT60P2CLGN	13,172	900
	1200	460 PWS	WP1	PE											RTF	RTF			
75	1800	3600	460 PWS	WP1	PE	364TP	RUS	F	F	4500	515	93.6	31.156	16.5	FMHO75P1SLG	11,167	FMHO75P1SLGN	10,374	730
		460 PWS	WP1	PE	365TP	RUS	F	G		5700	539	95	31.156	16.5	FMHO75P2BLG	11,327	FMHO75P2BLGN	10,534	800
			WP1	PE	365TP	RUS	F	G		5700	539	95	31.156	16.5	FMHO75P2SLG	11,327	FMHO75P2SLGN	10,534	750
			WP1	PRE	365TP	RUSI	F	G		5700	539	95	31.16	16.5	FMHO75V2SLG	12,312	FMHO75V2SLGN	11,505	800
			TEFC	PE	365TP	TUS	F	F		5600	522.2	95	30	16.5	FMHT75P2CLG	16,778	FMHT75P2CLGN	15,567	925
	1200	460 PWS	WP1	PE	405TP	RUS	F	F		13650	545.6	94.5	36.9375	16.5	FMHO75P3SLGX	19,641	FMHO75P3SLGXN	18,444	1200
100	1800	3600	460 PWS	WP1	PE	365TP	RUS	F	G	4500	723	93.6	31.156	16.5	FMHO100P1SLG	15,284	FMHO100P1SLGN	14,209	800
		460 PWS	WP1	PE	404TP	RUS	F	G		6700	737.5	95.4	36.9375	16.5	FMHO100P2BLG	14,376	FMHO100P2BLGN	13,370	1100
			WP1	PE	404TP	RUS	F	G		6700	737.5	95.4	36.9375	16.5	FMHO100P2SLG	14,376	FMHO100P2SLGN	13,370	1100
			WP1	PE	404TP	RUS	F	G		11725	737.5	95.4	36.9375	16.5	FMHO100P2SLGX	14,858	FMHO100P2SLGXN	13,818	1100
			WP1	PRE	404TP	RUSI	F	G		6700	737.5	95.4	36.9375	16.5	FMHO100V2SLG	15,885	FMHO100V2SLGN	14,866	1110
	TEFC	PE	404TP	RUSI	F	G		11725	737.5	95.4	36.9375	16.5	FMHO100V2SLGX	16,418	FMHO100V2SLGXN	15,399	1110		
1200	460 PWS	WP1	PE	405TP	TUS	F	F		7000	723.1	95.4	39.9375	16.5	FMHT100P2CLG	22,580	FMHT100P2CLGN	20,946	1500	
125	1800	460 PWS	WP1	PE	405TP	RUS	F	G		6700	925.1	95.4	36.9375	16.5	FMHO125P2SLG	17,769	FMHO125P2SLGN	16,330	1200
			WP1	PE	405TP	RUS	F	G		11725	925.1	95.4	36.9375	16.5	FMHO125P2SLGX	18,387	FMHO125P2SLGXN	16,959	1200
			WP1	PRE	405TP	RUSI	F			6700	925.1	95.4	36.9375	16.5	FMHO125V2SLG	18,509	FMHO125V2SLGN	17,275	1200
			WP1	PRE	405TP	RUSI	F	G		11725	925.1	95.4	36.9375	16.5	FMHO125V2SLGX	19,153	FMHO125V2SLGXN	17,919	1200

## Vertical HOLLOWSHAFT® Motors

HP	RPM	Volts	Encl Type	Eff. Class	Frame	Type	Insulation Class	KVA Code	Thrust Down	LRA	Nom Eff.	CD Dim (in)	BD Dim (in)	NRR Part #	LIST \$ w/NRR	SRC Part #	LIST \$ w/SRC	Wt (lbs)
150	1800	460 PWS	WP1	PE	H444TP	RUS	F	F	9800	1036.2	95.8	44.875	16.5	FMHO150P2SLG	22,955	FMHO150P2SLGN	21,655	1500
				PRE	H444TP	RUSI	F	F	9800	1085	95.8	44.78125	16.5	FMHO150V2SLG	24,562	FMHO150V2SLGN	23,262	1500
				PRE	H444TP	RUSI	F	F	9800	1036.2	95.8	44.78125	16.5	FMHO150V2SLGX	25,109	FMHO150V2SLGXN	23,809	1500
200	1800	460 PWS	WP1	PE	H445TP	RUS	F	F	9800	1437.5	95.8	44.875	16.5	FMHO200P2SLG	28,995	FMHO200P2SLGN	26,935	1600
				PE	H445TP	RUS	F	F	17150	1437.5	95.8	44.875	20	FMHO200P2SLHX	29,974	FMHO200P2SLHXN	27,933	1600
				PRE	H445TPA	RUSI	F	F	9800	1450	95.8	44.78125	20	FMHO200V2SLH	31,516	FMHO200V2SLHN	29,746	1600
				PRE	H445TPA	RUSI	F	F	17150	1437.9	95.8	44.78125	20	FMHO200V2SLHX	32,580	FMHO200V2SLHXN	30,810	1600
250	1800	460 PWS	WP1	PE	H445TP	RUS	F	F	17150	1781.9	95.8	44.875	20	FMHO250P2SLHX	37,811	FMHO250P2SLHXN	36,127	1600
				PRE	H445TPA	RUSI	F	F	9800	1781.9	95.8	44.78125	20	FMHO250V2SLH	39,399	FMHO250V2SLHN	38,066	1600
				PRE	H445TPA	RUSI	F	F	17150	1781.9	95.8	44.78125	20	FMHO250V2SLHX	40,657	FMHO250V2SLHXN	39,324	1600
300	1800	460 PWS	WP1	PE	447TPA	RUS	F	E	17150	2066.9	95.8	49.78125	20	FMHO300P2SLHX	43,899	FMHO300P2SLHXN	42,351	2100
				PRE	447TPA	RUSI	F	E	9800	2200	95.8	49.78125	20	FMHO300V2SLH	45,704	FMHO300V2SLHN	44,458	2200
				PRE	447TPA	RUSI	F	E	17150	2066.9	95.8	49.78125	20	FMHO300V2SLHX	47,203	FMHO300V2SLHXN	45,957	2100
350	1800	460 PWS	WP1	PE	447TPA	RUS	F	E	17150	2398	95.8	49.78125	20	FMHO350P2SLHX	49,277	FMHO350P2SLHXN	47,771	2100
				PRE	447TPA	RUSI	F	E	9800	2502	95.8	49.78125	20	FMHO350V2SLH	50,683	FMHO350V2SLHN	49,437	2200
				PRE	447TPA	RUSI	F	E	17150	2396.9	95.8	49.78125	20	FMHO350V2SLHX	52,422	FMHO350V2SLHXN	51,176	2100
400	1800	460 PWS	WP1	PE	449TPH	HUS	F	F	28500	2859.4	96.2	49.78125	20	FMHO400P2SLHX	55,213	FMHO400P2SLHXN	53,725	2800
				PRE	449TPH	HUSI	F	F	9500	2859.4	96.2	49.78125	20	FMHO400V2SLH	57,514	FMHO400V2SLHN	56,268	2800
				PRE	447TPH	HUSI	F	F	28500	2859.4	96.2	49.78125	20	FMHO400V2SLHX	61,734	FMHO400V2SLHXN	60,488	2800
450	1800	460 PWS	WP1	PE	449TPH	HUS	F	F	28500	3291.7	96.2	49.78125	20	FMHO450P2SLHX	58,702	FMHO450P2SLHXN	57,235	2800
				PRE	449TPH	HUSI	F	F	9500	3291.7	96.2	49.78125	20	FMHO450V2SLH	61,148	FMHO450V2SLHN	59,871	2800
				PRE	449TPH	HUSI	F	F	28500	3291.7	96.2	49.78125	20	FMHO450V2SLHX	65,638	FMHO450V2SLHXN	64,361	2800
500	1800	460 PWS	WP1	PE	5008PH	RUE	F	F	28500	3625	96.2	57.0625	20	FMHO500P2SLHX	69,896	FMHO500P2SLHXN	68,735	3700
				PRE	5008PH	RUEI	F	F	9500	3625	96.2	57.0625	20	FMHO500V2SLH	73,575	FMHO500V2SLHN	71,736	3700
				PRE	5008PH	RUEI	F	F	28500	3625	96.2	57.0625	20	FMHO500V2SLHX	78,955	FMHO500V2SLHXN	77,116	3700
600	1800	460 PWS	WP1	PE	5012P	RUE	F	F	30500	4350	96.2	72.3125	24.5	FMHO600P2SLJX	93,512	FMHO600P2SLJXN	91,958	6200
				PRE	5012P	RUEI	F	F	30900	4734	96.2	72.3125	24.5	FMHO600V2SLJX	99,481	FMHO600V2SLJXN	97,530	4850



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