
PUMP END KIT PROGRAM TYPE LC, LF, VL—RESTRICTED DISTRIBUTION
ORDERING INSTRUCTIONS

Distributor PACO Pump Kit Stocking Program

DATE: February 3, 2020

This document, dated 02/03/2020, represents the current Grundfos CBS Inc. Distributor PACO Pump Kit Stocking Program in its entirety and supersedes all previously published A1e.105 documents.

All previous Stocking Distributor Kit Program pricing, discounts, and product offerings are considered obsolete and void.

Please Refer to Factory in the event of any possible discrepancies, errors, or omissions.

Standard lead time for Distributor Kit Program part numbers is three weeks.

PUMP END KIT PROGRAM TYPE LC, LF, VL—RESTRICTED DISTRIBUTION
ORDERING INSTRUCTIONS

- 1) Pump End Kit Program has been developed for specific models including Type LF, LF & VL
- 2) Identify the product code for which kits are required
- 3) Refer to matrix below to identify appropriate Pricing Section found in A1e.105
- 4) Refer to A1e.105 for specific pricing of necessary kits/components

Components Needed to Assemble Type "L", "VL", Centrifugal Pumps on (a) Motors, (b) Frames.

Product Code	Type	Basic Construction Code	Motor or Bearing Frame	A1e.105 Pricing Section for Related Components					
				Liquid End	Shaft Sleeve	Stuffing Box	Bracket	Bearing Frame	Base
10	Fractional Frame	10006X	56J	A/A1	N/A	N/A	E	N/A	N/A
	Integral Frame	13000X	143-215JM	A/A1	C	N/A(2)	E	N/A	N/A
		14000X	254-364JM						
1A000X		254-404JM							
Packed	03000X	143-215JP	A/A1	C(1)	D	E	N/A	N/A	
	04000X	254-326JP							
	0A000X	254-326TCZ							
11	LF Frame Mounted	X33P0X X46P0X XA6P0X	3P, 6P	A/A1	C	D	N/A	G	H
16	Fractional Frame	10016X	56J	B/B1	N/A	N/A	E	N/A	I
	Integral Frame	13010X	143-215JM	B/B1	C	N/A(2)	E	N/A	I
		14010X	254-364JM						
1A010X		254-404JMZ							

(1) Packing gland pumps X3 construction has a stainless adapter shaft that replaces the sleeve and allows the use of JM motors. Adaptor shaft included in price of bracket.

(2) Seal chamber included as part of bracket paragraph "E"

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A. Pump Ends Tyle L (Includes Back Ring When Required)

Model Number	PEI _{CL}	Const.	10XX61		X3XX01		X4XX01,XAXX01*	
			5/8" Shaft		1-1/4" Shaft		1-3/4" Shaft	
			Ordering Number	List Price	Ordering Number	List Price	Ordering Number	List Price
10707	0.90	SS304	99089086	\$445	99089028	\$545		
12709	0.94	SS304	99089041	\$544	99089029	\$575		
15705	0.92	SS304	99089054	\$571	99089032	\$589		
15951	0.95	SS304			99089083	\$802		
15955	0.89	SS304			99089084	\$769	99089098	\$933
15959	0.85	SS304			99089085	\$769	99089099	\$933
20709	0.90	SS304	99089056	\$582	99089087	\$647	99089100	\$866
20953	0.94	SS304			99089088	\$849	99089101	\$960
20121	0.95	SS304			99089089	\$1,289	99089102*	\$1,544
25707	0.94	SS304			99089090	\$721	99089103	\$816
25957	0.94	SS304			99089091	\$1,040	99089104	\$1,184
25123	0.97	SS304			99089092	\$1,431	99089105	\$1,699
30707	0.95	SS304			99089094	\$829	99089106	\$956
30957	0.99	SS304			99089095	\$1,191	99089107*	\$1,491
30127	0.98	SS304					99089109*	\$2,059
40707***	0.98	SS304			99089096	\$1,229	99089110	\$1,365
40959	0.95	SS304					99089111*	\$1,955
40957	0.98	SS304			99089097	\$1,741	99089112	\$1,955
40129	0.94	SS304					99089113*	\$2,608
4012A	0.99	SS304					99089114*	\$2,608
50957	0.99	SS304					99089115	\$2,340
50123	0.96	SS304					99089116*	\$2,890
60951****	0.99	SS304					99089117*	\$2,799
60123	0.96	SS304					99089118*	\$3,249

* Equals XA Construction

** Available in close coupled configuration only

***Below a 6.25" impeller, select trim A or B

****8.0" angle trim & 7.50" angle trim



PUMP END KIT PROGRAM TYPE LC, LF —RESTRICTED DISTRIBUTION

A1. Pump Ends, Contains B22 Impellers

Model Number	PEI _{CL}	Const.	10XX61		X3XX01		X4XX01,XAXX01*	
			5/8" Shaft		1-1/4" Shaft		1-3/4" Shaft	
			Ordering Number	List Price	Ordering Number	List Price	Ordering Number	List Price
10707	0.89	BF	98602070	\$445	97665102	\$535		
12501**	0.92	BF	98602097	\$479				
12507**	0.86	BF	98602100	\$487				
12709	0.92	BF	98602119	\$544	98602149	\$545		
15507**	0.94	BF	98602128	\$553	98602161	\$637		
15705	0.92	BF	98602129	\$560	98602162	\$567		
15951	1.00	BF			98602166	\$802		
15959	0.87	BF			98602167	\$729	98602172	\$933
20501**	0.95	BF	98602146	\$560	97747743	\$646		
20709	0.92	BF	98602147	\$582	98334893	\$647	97846849*	\$866
20953	0.97	BF			97724488	\$810	98602173	\$960
20121	0.96	BF			98602168	\$1,247	98602174	\$1,544
25707	0.96	BF			98327839	\$700	98602179	\$816
25957	0.94	BF			97742643	\$1,000	98602180	\$1,154
25123	0.98	BF			98602169	\$4,587	98602201	\$1,618
30707	0.95	BF			98101425	\$773	97743711	\$956
30957	0.98	BF			97701290	\$1,111	98101426	\$1,536
30127	1.00	BF					96896893*	\$1,996
40707***	1.00	BF					98602202	\$1,365
40959	0.97	BF					98602203	\$1,955
40957	1.00	BF			97929154	\$1,741	97763404	\$1,955
40129	0.98	BF						
50957	1.00	BF					97761525	\$2,293
50123	1.00	BF					98101382	\$2,663
60951****	0.98	BF					97692002*	\$2,719
60123	1.00	BF					98101441*	\$2,993

* Equals XA Construction

** Available in close coupled configuration only

***Below a 6.25" impeller, select trim A or B

****8.0" angle trim & 7.50" angle trim.

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B. Pump Ends, Type VL, (Includes Back Ring When Required)

Model Number	PEI _{CL}	Const.	10XX60, 10XX61		X3XX01		X4XX01, XAXX01*	
			5/8" Shaft		1-1/4" Shaft		1-3/4" Shaft	
			Ordering Number	List Price	Ordering Number	List Price	Ordering Number	List Price
12707	0.87	SS304	99839206	\$533	99839207	\$618		
15709	0.97	SS304	99839205	\$536	99839204	\$695		
20705	0.93	SS304	99839152	\$618	99839150	\$719		
2095A	0.94	SS304			99839147	\$935	99839191	\$969
20955	0.96	SS304			99839146	\$935	99839148	\$969
20959	0.90	SS304			99839208	\$935	99839209	\$969
25709	0.95	SS304	99839215	\$733	99839216	\$767	99839217	\$935
25953	0.97	SS304			99839193	\$1,060	99839199	\$1,152
25121	0.99	SS304			99839149	\$1,658	99839192*	\$1,837
30707	0.97	SS304			99839195	\$950	99839200	\$984
30957	0.94	SS304			99839212	\$1,186	99839213	\$1,417
30125	0.93	SS304			99839194	\$1,777	99839198*	\$1,925
40707	0.94	SS304			99839183	\$1,109	99839184	\$1,186
40959	0.96	SS304			99839218	\$1,435	99839210*	\$1,719
40129	1.00	SS304					99839211*	\$3,304
50707	0.95	SS304			99839185	\$1,393	99839186	\$1,508
5095A	0.98	SS304			99839188	\$2,019	99839189	\$2,070
50959	0.95	SS304					99839190	\$2,189
50129	0.97	SS304					99839214*	\$3,079
5012C	0.99	SS304					99839220*	\$3,359
60957	0.98	SS304					99839201	\$3,281
60125	0.98	SS304					99839202*	\$3,329
80951	0.99	SS304					99839203*	\$3,423
80123	1.00	SS304					99839197*	\$3,501
10123	0.95	SS304					RTF	RTF

* Indicates XA Construction

RTF = Refer To Factory

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C. Shaft Sleeves*

*Sleeve Quantities must be purchased in same total quantities as liquid end quantities

1) Bearing Frame Mounted Pumps

Bearing Frame	Const. Code	Maximum HP			Ordering Number	List Price
		3500	1750	1150		
3P	X3	20	10	5	91909576	\$170
6P	X4	50	25	15	91909574	\$160
6P	XA	100	50	30	99656524	\$203

2) Close Coupled Pump Sleeves

Const. Code	MATERIAL	MECHANICAL SEAL			PACKING		
		Motor Frame Size	Ordering Number	List Price	Motor Frame Size	Ordering Number	List Price
X3	Bronze	143JM-215JM 254JMZ	91909582	\$119	143JP-184JP 143TCZ-215TCZ	96955881	\$110
X3	416 S.S	143JM-215JM 254JMZ	91843846*	\$265	143JP-184JP 143TCZ-215TCZ	99655156*	\$686
X4	Bronze	254JM-326JM 364JMZ-365JMZ	99656523	\$170	213JP-326JP 254TCZ-326TCZ	91909574	\$160
X4	416 S.S	254JM-326JM 364JMZ-365JMZ	91843806*	\$370	213JP-326JP 254TCZ-326TCZ	99107917*	\$742
XA	Bronze	254JM-326JM 364JMZ-404JMZ	91909583	\$198	213JP-326JP 254TCZ-326TCZ	99656524	\$203
XA	416 S.S	254JM-326JM 364JMZ-404JMZ	91843860*	\$435	213JP-326JP 254TCZ-326TCZ	99107893*	\$817

D. Inserts or Seal Housing Assembly-(Frame Mount Only on X3, X4 & XA)

Shaft Size (IN)	Const. Code	Seal Construction Code 1XXXXX		Packing Construction Code 0XXXXX	
		Ordering Number	List Price	Ordering Number	List Price
1-1/4	X3	91909790^^	\$109	91909968	\$435
1-3/4	X4	91909714^^	\$235	91909710	\$248
1-3/4	X4 (1)	91909964^^	\$566	91909711	\$1,002
1-3/4	XA	91909972^^	\$397	91909710	\$248

(1) Insert housing for X4 pump model 40707 includes back wearing

E. Brackets & Seals for Motors.

1) 56J Fractional Frames & X0 Construction Codes.

Const. Code	Horiz. or Vert.	Motor of Frame Description			Pump Model	Ordering Number***	List Price
		Shaft Size (IN)	Dia. U	AK			
10006X	H	5/8"	7/16"	4-1/2"	XX50X	91909729^^	\$237
10016X	V	5/8"	7/16"	4-1/2"	XX50X	91909730	\$237
10006X	H	5/8"			XX70X	91909732	\$237
10016X	V	5/8"			XX70X	91909733	\$237

***Add recirculation assembly No. **91909920 (Price=\$68.)** when used with type VL pump

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E. Brackets, Seals for Motors

2) JM Frame, Seal, Horizontal/Vertical Motor Brackets X3, X4, XA Construction Codes

Const. Code	Shaft Size (IN)	Motor Data		Pump Model	Ordering Number***	List Price
		Dia. U	AK			
130X0X	1-1/4"	7/8"	4-1/2"	5" Imp	91910209^^	\$237
130X0X	1-1/4"	7/8"	4-1/2"	Any (1)	91909991^^	\$259
130X0X	1-1/4"	7/8"	8-1/2"	Any (1)	91909992^^	\$279
140X0X	1-3/4"	1-1/4"	8-1/2"	Any*	91909993	\$281
140X0X	1-3/4"	1-1/4"	12-1/2"	Any*	91909994	\$288
140X0X	1-3/4"	1-1/4"	8-1/2"	40707L 50707VL Only**	91910037	\$679
140X0X	1-3/4"	1-1/4"	12-1/2"	40707L 50707VL Only**	91910038	\$776
1A0X0X	1-3/4"	1-1/4"	8-1/2"	Any	91909995	\$289
1A0X0X	1-3/4"	1-1/4"	12-1/2"	Any	91909996	\$349

(1) Except for those models with 5" Impellers

* All pump models except 40707L/50707VL-X4

** Includes back wear ring for model 40707L or 50707VL

***Add recirculation assembly No. **91909920 (Price=\$68.)** when used with type VL pump

E2. Brackets, Packed for Motors

3) JP,TCZ Packing Horizontal/Vertical Motor Brackets X3, X4, XA, X5 Construction Codes

Const. Code	Shaft Size (IN)	Motor Data		Pump Model	Ordering Number***	List Price
		Dia. U	AK			
030X0X	1-1/4"	7/8"	4-1/2"	5" Imp	N/A	N/A
030X0X	1-1/4"	7/8"	4-1/2"	Any (1)	96955888	\$243
030X0X	1-1/4"	7/8"	8-1/2"	Any (1)	96955889	\$265
040X0X	1-3/4"	1-1/4"	8-1/2"	Any	96955890	\$281
040X0X	1-3/4"	1-1/4"	12-1/2"	Any	96955891	\$307
0A0X0X	1-3/4"	1-1/4"	8-1/2"	Any	96955890	\$281
0A0X0X	1-3/4"	1-1/4"	12-1/2"	Any	96955891	\$307

(1) Except for those models with 5" Impellers

3.) JM Motor Foot Used on X3 Motors Only for Horizontal Mounting

Const. Code	Shaft Size (IN)	Motor Data		Pump Model	Ordering Number***	List Price
		Dia. U	AK			
X3XXXX	1-1/4"	7/8"	4-1/2" 8-1/2"	Any	91910022^^	\$90
X3XXXX	1-1/4"	7/8"	4-1/2" 8-1/2"	JM 12"	91910434^^	\$97

***Add recirculation assembly No. **91909920 (Price=\$68.)** when used with type VL pump

G. Bearing Frame Assembly

Bearing Frame	Shaft Size (IN)	Steel Shaft		Stainless Steel Shaft	
		Ordering Number	List Price	Ordering Number	List Price
3P	1-1/4"	99790095	\$421	99790098	\$885
6P	1-3/4"	99790097	\$876	99790099	\$1,533

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H. Universal Base Kits for Frame-mounted End Suction Pumps, Type LF

Includes Steel Rail with Integral drip pan, Cast Iron Motor Deck, and Coupling Guard

Bearing Frame	Motor Frame	Qty per Kit	Ordering Number	List Price
3P	56-215 T/TS	6	99104599	\$1,981
3P	254-286 T/TS	6	99104601	\$2,043
6P	215-326 T/TS	6	99104614	\$4,570
6P	364/365 T/TS	6	99104616	\$4,777

I. Cast Iron or Flange Supports for Vertical Inline Pumps, Type VL

Pump Model	Cast Iron Stand		Flange Supports			
	Ordering Number	List Price	125# ANSI Ordering No.	List Price	250# ANSI Ordering No.	List Price
12707	91869957	\$100	91869822	\$163	91869832	\$163
15709	91869957	\$100	91869823	\$163	91869833	\$163
20705	91869957	\$100	91869824	\$163	91869834	\$163
20951	91869956	\$195	91869824	\$163	91869834	\$163
20955	91869956	\$195	91869824	\$163	91869834	\$163
20959	91869956	\$195	91869824	\$163	91869834	\$163
25709	91869957	\$100	91869825	\$163	91869835	\$163
25953	91869956	\$195	91869825	\$163	91869835	\$163
25121	91869956	\$195	91869825	\$163	91869835	\$163
30707	91869957	\$100	91869826	\$227	91869836	\$227
30957	91869956	\$195	91869826	\$227	91869836	\$227
30123	91869956	\$195	91869826	\$227	91869836	\$227
40707	91869957	\$100	91869827	\$227	91869837	\$227
40957	91869956	\$195	91869827	\$227	91869837	\$227
40121	91869956	\$195	91869827	\$227	91869837	\$227
40127	91869956	\$195	91869827	\$227	91869837	\$227
50707	91869957	\$100	91869828	\$227	91869838	\$227
50957	91869956	\$195	91869828	\$227	91869838	\$227
50959	91869956	\$195	91869828	\$227	91869838	\$227
50129	91869956	\$195	91869828	\$227	91869838	\$227
60957	91869951	\$369	91869829	\$374	91869839	\$374
60125	91869951	\$369	91869829	\$374	91869839	\$374
80951	91869951	\$369	91869830	\$374	91869840	\$374
80123	91869951	\$369	91869830	\$374	91869840	\$374
10123	91863951	\$1,082	91869831	\$718	91869841	\$718