

PACO PUMPS  
 DS 42  
 Issued 12/11/81  
 Revised 2/16/82 ECA 3474  
 Revised 7/12/82 ECA 3585  
 Revised 10/6/82 ECA 3650  
 Revised 4/8/83 ECA 3700  
 Revised 4/28/83 ECA 3776

Engr. Data M1s.3  
 Page 8 of 9  
 Revised 1/20/84  
 Revised & Retyped 5/22/84  
 Revised 10-9-84  
 Revised 3/2/85 ECA3993

SPECIAL MOTOR IDENTIFICATION CHART

6	5	X	X	X	X	X	X	X	X	X	X	X
Motor Type	Modifier	Horsepower	Phase	Voltage	RPM	Enclosure	Option Code					
A = 65110 Std. Horiz.	X = Std. Mtr.	X33 = 1/3	1 = 1Ø	102 = 115/230	1 = 3600	60HZ	01 ODP w/1.0 S.F.					
B = 65115 Std. Horiz.	7½ HP & below.	X50 = 1/2	3 = 3Ø	115 = 115	2 = 1800	60HZ	02 TEFC w/1.15 S.F.					
C = 65120 56C VSS	Std. Mtr.	X75 = 3/4		200 = 200	3 = 1200	60HZ	40 0°C Ambient					
D = 65127 56J V&H CCP X0	10 HP & above.	100 = 1		204 = 230/460	4 = 900	60HZ	50 50°C Ambient					
E = 65137 VSS C Face	A = Mtr. w/shaft adpt.	150 = 1-1/2		220 = 220	5 = 720	60HZ	51 50°C Ambient w/1.0 S.F.					
F = 65138 VCCP B Fit X3	B = 7½ HP & below.	200 = 2		224 = 208/230/460	6 = 3000	50HZ	AS Modified for slip fit adapter shaft					
G = 65139 VCCP F Fit X4	Mtr. w/shaft adpt.	300 = 3		230 = 230	7 = 1500	50HZ	AT Modified for thd. adapter shaft					
H = 65140 VSS P Base	10 HP & above.	500 = 5		380 = 380	8 = 1000	50HZ	EE Energy Efficiency					
I = HCCP B Fit X3 JP		750 = 7-1/2		415 = 415	9 = 750	50HZ	HT High Temp.					
J = HCCP B Fit X3		010 = 10		440 = 440			MS Monel (P4)					
K = 65153 HCCP F Fit X4		015 = 15		460 = 460	A = 1800/1200		PW Motor Shaft					
L = 65171 VCCP HT Fit X5		020 = 20		480 = 480	2 Winding V.T.		SM One size smaller					
M = 65173 VCCP HT Fit X5		025 = 25		575 = 575	B = 1200/900		SS pump mtg. dims.					
N = 65185 HCCP HT Fit X5		030 = 30			2 Winding V.T.		YD Steel Motor Shaft					
P = 65227 Gyro-X3-B-Fit		040 = 40			C = 3600/1800		ZZ Thermal Overload protection & #1002					
R = 65125 CCP X1	Inactive ECA 3700	050 = 50			1 Winding V.T.		UM U.S. Unimount Motor					
S = 65383/65384 Submersible		060 = 60			D = 1800/900							
T = Not Used		075 = 75			1 Winding V.T.							
U = Not Used		100 = 100			E = 1200/600							
V = 65159 X3 JM RCCP		125 = 125			1 Winding V.T.							
W = 65165 X4 JM RCCP		150 = 150										
X = 65158 X3 JM FCCP		200 = 200										
Y = 65164 X4 JM FCCP		250 = 250										
Z =												

EXAMPLE: X3 JM 5HP 1800 3Ø 208-230/460 TE 1.15 SF  
 65V - X500 - 3 - 224 - 2202

PACIFIC PUMPING CO.  
 DS 24.2  
 Issued 8/8/75

Engr. Data Als.111

SUFFIX LETTERS FOR  
 PRODUCT CODE 11  
 FRAME MOUNTED PUMPS.

11 - XXXXX - XXXXXX - XXXXZ

Z	Base		Flex Cplg.	Drippan	Cplg Guard
	Steel	Cast Iron			
A	x		x		
B	x		x	x	
C	x		x		x
D	x		x	x	x
E		x	x		
F		x	x		x

LIQUID END B.V.  
PRODUCT CODE 15 & 11  
LC & LF END SUCTION PUMPS

PUMP MODEL	CONSTRUCTION CODE											
	-0---0	-0---1	-1---0	-1---1	-3---0	-3---1	-4---0	-4---1	-5---0	-5---1	-6---0	-6---1
10705	102255	102252			102275	100151						
12501	102164	102162										
12505	102170	102168										
12705	102654	100133			102276	100003						
12707	109302	109303			109308	109309						
15501	102197	102195	102212	102210								
15505	102209	102207	102218	102216								
15506		108847										
15701	102655	100136			102277	100182						
15705	109304	109305			109329	109330						
15951					102359	100156	108842	108841				
15955					102278	100157	102622	102621				
15957					109331	109332	109341	109342				
20301	102240	102238	102246	102244								
20705	102656	100141			102279	100148	108844	108843				
20707	109306	109307										
20951					109333	109334	109343	109344				
20953					102280	100160	102285	102219				
20121					109339	109340	109345	109346				
25705					102283	100161	102286	102220	108856	108855		
					109075	100072	100059	100056				
25707					108838	108837	108840	108839				
25953					108740	108741	108742	108743				
25955					109337	109338	109347	109348				
25121					102282	100164	102288	102272				
25123					109335	109336			109331	109332		
30501			108849									
30503												
30707					108744	108745	108746	108747				
30955					108748	108749			108750	108751		
30121							102271	102226	109156	109157		
31025							102272	102227	109160	109161		
30155									108752	108753		
40705												
40707												
40955					108754	108755	108756	108757				
						100171						

31025 30125

PACO PUMPS

DS24.2  
SUPERSEDES 5-20-85  
ISSUED 10-27-86 **FBI**

LIQUID END B/M  
PRODUCT CODE 10 & 11  
LC & LF END SUCTION PUMPS

PUMP MODEL	CONSTRUCTION CODE													
	-0-0	-0-1	-1-0	-1-1	-3-0	-3-1	-4-0	-4-1	-A-0	-A-1	-5-0	-5-1	-6-0	-6-1
40957					108760	108761	108762	108763	108758	108759				
40959														
40958														
40125							100276	100231			103001	103002		
40127									109353	109354	109262	109263		
40155														
40157									108764	108765	108766	108767		
50955								100233						
50957							108768 <sup>P</sup>	108769						
50121							100279							
50123									108770	108771	108772	108773		
50155											100301	100283		
50157											108774	108775		
60951									108776	108777				
60121							100280				100302			
60123														
60157							108778	108779	108189	109190	108780	108781	108818	108819
80121									100304					
80123														
80155											108784	108785	108788	108789
10015											108786	108787	108141	106142

SLEEVE P/N & MOTOR PARTS B/M  
 MOTOR P/N & FOOT B/M *FOR PROD. CODE "10" only*

SLEEVE P/N & MOTOR PARTS B/M		CONSTRUCTION CODE		
CONSTRUCTION CODE		----	----	----
		0-	1-	2-
-0-----	N/R	N/R	N/R	N/R
-1-----	N/R	N/R	N/R	N/R
03-----	N/R	N/R	N/R	N/R
13-----, 23-----, 63-----, 73-----	05017547B	05017547H303	05017547P4	N/R
04-----	N/R	N/R	N/R	N/R
14-----, 24-----, 34-----, 64-----, 74-----	05016451B	05016451H303	05016451P4	N/R
0A-----	N/R	N/R	N/R	N/R
1A-----, 2A-----, 6A-----, 7A-----	05017901B	05017901H303	05017901P4	N/R
05-----, 35-----	108511	108512	-----	-----
15-----, 25-----, 65-----, 75-----	108513	108514	-----	-----

MOTOR P/N & FOOT B/M

CONSTR. CODE	MOTOR FRAME	MOTOR P/N	FOOT B/M
-0-----	ALL	65XXXX (65D)	N/R
-1-----	ALL	65XXXX (65R)	N/R
-3-----	143JM - 215JM	65XXXX (65V)	108790 (1)
-3-----	254JMZ/256JMZ	65XXXX (65X)	N/R
-4-----	213JMZ/215JMZ	65XXXX (65W)	108791 (2)
-4-----	254JM - 404JMZ	65XXXX (65Y)	N/R
-A-----	ALL	65XXXX (65Y)	N/R
-5-----	284TC - 404TC	65XXXX (65N)	N/R

NOTES:

- (1) ADD P/N 34017850C FOR MODELS: 2012
- (2) ADD P/N 34018130F FOR MODELS: 2012

- 2012 4012
- 2512 5012
- 3012

N/R = None Required

RECIRCULATION LINE B/M

Construction Code	Construction Code	
-0---0, -1---1	0-----	
-1---0, -1---1	1-----	
-3---0, -3---1	3-----	
	4-----	
	5-----	
	7-----	2-----
	9-----	6-----
-4---0, -4---1	N/R	108848
-A---0, -A---1	N/R	108848
-5---0, -5---1	N/R	108848
-6---0, -6---1	N/R	108848

N/R = Not Required

RECORDED  
MAR 02 1987

PACO PUMPS

DS 24.2  
Supersedes 10/14/79  
Issued 2/23/83 RLB

Engr. Data A1a.330  
Page 1 of 2

SEAL HEADS AND SEATS FOR PACO END SUCTION PUMPS  
FOR APPLICATIONS UP TO 175 PSI\*  
TABULATED BY CONSTRUCTION CODE

\*For Applications above 175 PSI see Page 2

Size Constr Code Fit	Seal Type (1)	Seal Part	Codes 1XXXXX Single Seal w/Ceramic Seat & Buna(2) Max. 211 F (5)Matl: BP, ICI	Codes 2XXXXX Single Seal w/Tung. Carbide Seat & Viton 231/275 P (5)Matl: XP, 66, IDI	Codes 3XXXXX Double Seal w/Ceramic Seat & Buna Max. 180 P (5)Matl: BP, ICI	Codes 5XXXXX Type 9 Seal w/Ceramic Seat & Teflon Max. 211 F Water (5)Matl: OPTC	Codes 6XXXXX Single Seal w/Ni-resist Seat & Viton(8) 212/250 P (5)Matl: XP, 66, 171	Codes 7XXXXX Single Seal w/Ni-resist Seat & Buna(8) Max. 211 P (5)Matl: BP, 171	Codes 9XXXXX Single Seal w/Water Jacketed Housing(8) 275 F (5)Matl: BP, 171
3/8 X0XXXX STD	6 (6)	Head	14009931 Std. (3) (BT, ICI) 14008631(2)					14009931 Std. (3) (BT, ICI) 14008629	14009931 Std. (3) (BT, ICI) 14008629
		Seat							
3/8 X0XXXX STD	21	Head	14032300 Alt. 14008631(2)	14032339 14013453				14032339 14008629	14032300 Alt. 14008629
		Seat							
3/8 X1XXXX LTD	6 (6)	Head	14009936 Std. 14008647(2)					14009936 Std. 14008676	
		Seat							
3/8 X1XXXX LTD	21	Head	14032301 Alt. 14008647(2)	14032328 14013454				14032301 Alt. 14008676	
		Seat							
1-1/4 X3XXXX B	21	Head	14032303 14008753(2)	14032304 (4) 14013455	14032069 14008753(2)	14009950 14009955(2A)		14032303 14008717	14032303 14008717
		Seat							
1-3/4 X4XXXX F	21	Head	14032309 14008651(2)	14032308 (4) 14013076	14032355 14008651(2)	14009963 14008755(2A)		14032309 14008650	14032309 14008650
		Seat							
2 XBXXXX	21	Head	14032310 14010265	14032321 14015294				14032310 14015293	14032310 14015293
		Seat							
2-1/4 X5XXXX HT	21	Head	14032320 14009977(2)	14032311 (6) 14013456	14032326 (3) (Type 2) 14009977(2)	14009967 14012645(2A)		14032320 14015628	14032320 14015593
		Seat							
2-3/4 X6XXXX MT	21	Head	14032312 14013180	14032322 14013457	14032325 (3) (Type 1) 14013180			14032312 14015629	14032312 14015629
		Seat							

- SEAL PART NUMBERS
- (1) All seal heads shown have 18-8 stainless hardware and are suitable for SF, BF, AB and AI pump constructions.
  - (2) Cup mounted seat types (2A) Clamp-in seat types All other seats are o-ring type.
  - (3) Seal type or material differs as indicated within brackets.
  - (4) Recirculation line required.
  - (5) Material codes shown are per Crane Packing Company.
  - (6) Type 6 seals are rated at 100 PSI max.; for applications above 100 PSI use Type 21 seal.
  - (7) Ceramic seat standard for all bronze pump construction.
  - (8) Ni-resist seat supplied only at customer's request for all bronze pump constr.

SEAL HEADS AND SEATS FOR PACO END SUCTION PUMPS  
 FOR APPLICATIONS ABOVE 175 PSI  
 TABULATED BY CONSTRUCTION CODE

See max. PSI limits at rights for applications above those limits refer to Engineering for balanced seal structuring.

Size Constr Code Flt	Seal Type (1)	Pump Constr	Seal Part	Codes 1XXXXX Single Seal w/Ceramic Seat & Buna(7) Max. 211°F (5)Matl. BF, SF, AB: NP, 2CI Al: BP, 8CI	Codes 2XXXXX Single Seal w/Tung. Carbide Seat & Viton 251°/275°F (5)Matl. BF, SF, AB: XP, 2DI Al: XP, 8DI	Codes 3XXXXX Double Seal w/Ceramic Seat & Buna Max. 180°F (5)Matl. BF, SF, AB: BP, 2CI Al: BP, 8CI	Codes 6XXXXX Single Seal w/NI-resist Seat & Viton(8) 212°/250°F (5)Matl. BF, SF, AB: XP, 271 Al: XP, 66, 271	Codes 7XXXXX Single Seal w/NI-resist Seat & Buna(8) Max. 211°F (5)Matl. BF, SF, AB: BP, 271 Al: BP, 871	Codes 9XXXXX Single Seal w/Water Jacketed Housing(8) Max. 275°F (5)Matl. BF, SF, AB: BP, 271 Al: BP, 871	•Max. PSI (A) Ceramic or NI-resist (B) Tung. Carbide
3/8 X0XXXX SZD	2	BF, SF, AB Al	Head	14010237CR2	14013448CR2	14013448CR2	14013448CR2	14010237CR2	14010237CR2	(A) 250 PSI
			Head	14011075CR2	14015619CR2	14015619CR2	14015619CR2	14011075CR2	14011075CR2	(B) 350 PSI
3/4 X1XXXX L2D	2	BF, SF, AB Al	Head	14009933CR2	14013449CR2	14013449CR2	14013449CR2	14009933CR2	14009933CR2	(A) 250 PSI
			Head	14009934CR2	14015620CR2	14015620CR2	14015620CR2	14009934CR2	14009934CR2	(B) 350 PSI
1-1/4 X3XXXX B	1	BF, SF, AB Al	Head	14009931CR1	14013207CR1(4)	14009932CR2(6)	14013207CR1(4)	14009931CR1	14009931CR1	(A) 250 PSI
			Head	14009934CR1	14013432CR1	14009935CR2(6)	14013432CR1(4)	14009934CR1	14009934CR1	(B) 350 PSI
1-3/4 X0XXXX XA XXXX F	1	BF, SF, AB Al	Head	14009965CR1	14013208CR1(4)	14009966CR1(6)	14013208CR1(4)	14009965CR1	14009965CR1	(A) 250 PSI
			Head	14009966CR1	14013431CR1	14009966CR1(6)	14013431CR1	14009966CR1	14009966CR1	(B) 350 PSI
2 XBXXXX	1	BF, SF, AB Al	Head	14008651(2)	14013076	14008651(2)	14012004	14008650	14008650	(A) 250 PSI
			Head	14010222CR1	14013293CR1	14013293CR1	14013293CR1	14010222CR1	14010222CR1	(B) 350 PSI
2-1/4 X5XXXX HT	1	BF, SF, AB Al	Head	14009969CR1	14013450CR1(4)	14032526(BP, 1CI)	14013450CR1(4)	14009969CR1	14009969CR1	(A) 225 PSI
			Head	14009970CR1	14015200CR1	14032526(T, 2)	14015200CR1(4)	14009970CR1	14009970CR1	(B) 350 PSI
2-3/4 X6XXXX MT	1	BF, SF, AB Al	Head	14013495CR1	14013451CR1	14032525(BP, 1CI)	14013495CR1(4)	14013495CR1	14013495CR1	(A) 200 PSI
			Head	14015622CR1	14015621CR1	14032525(T, 2)	14015622CR1(4)	14015622CR1	14015622CR1	(B) 275 PSI

SEAL PART NUMBERS

- (1) Seal application to be compatible with pump metallurgy.
- (2) Cup mounted seat type. All other seats are o-ring type.
- (3) Seal type or material differs as indicated within brackets.
- (4) Recirculation line required.
- (5) Material codes shown are per Crane Packing Company.
- (6) Supply quantity of 2, discard one spring & both thrust washers reassemble with a seal face at each end of remaining spring.
- (7) Ceramic seat standard for all bronze pump construction.
- (8) NI-resist seat supplied only at customer's request for all bronze pump construction.

RECORD PRINT  
 MAR 02 1983



DS 24.2  
 Issued 12/6/79  
 Revised 11/3/80  
 Revised 5/21/82 ECA 3531  
 Revised 7/27/82 ECA 3573  
 Revised 9/10/82 ECA 3618  
 Revised 10/26/82 ECA 3596

ENGR. DATA AIS.350

Revised 12/15/82 ECA 3680  
 Revised 3/8/83 ECA 3738  
 Revised 3/25/83 ECA 3747  
 Revised 12/20/83  
 Revised 3/27/84  
 Revised 5/23/84  
 Revised 9/5/84  
 Revised 9/25/84  
~~YFR~~ Revised 11/2/84

125# VOLUTES  
 Product Code 10 & 11  
 End Suction Pumps

MODEL	STD. VOLUTE PART NUMBER	MODEL	STD. VOLUTE PART NUMBER
1070	01012357	4070-5	01011969
1250	01234102	4070-7	01308801
1270-5	01007308	4095-5 & -B	01012191
1270-7	01344601	4095-7 & -9	01326201
1550	01113102	4012-5	01012151
1570-1	01005550	4012-7/XA	01342201
1570-5	01334601	4012-7/X5	01342202
1595-1 & -5	01012298	4015	01012378
1595-7	01227502	5095-5	01012715
2050	01227202	5095-7	01328501
2070-5	01005551	5012	01012158
2070-7	01335301	5015-5	01012165
2095	01012218	5015-7	01330902
2012	01012710	6095	01326601
2570	01007415	6012-1	01013024
2595-3	01012212	6012-3	01326901
2595-5	01341001	6015-5	01013309
2512-1 & -3	01012095	6015-7"L"Only	01330501
3050	01273402	6015-7"LUE"Only	01330502
3070-5	01012361	8012-1	01010621
3070-7	01327201	8012-3	01324201
3095-1	01012247	10015	01013116
3095-3	01016950		
3095-5	01302701		
3012	01012192		
3015	01012154		

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 Revised 5/21/82 ECA 3531  
 Revised 7/27/82 ECA 3573  
 Revised 9/10/82 ECA 3618  
 Revised 10/26/82 ECA 3596  
 Revised 12/15/82 ECA 3680  
 Revised 3/8/83 ECA 3738  
 Revised 3/25/83 ECA 3747  
 Revised 9/5/84  
 Revised 9/25/84

**125# VOLUTES WITH SUCTION  
 AND DISCHARGE TAPS (GAUGE TAPS)  
 Product Code 10 & 11 End Suction Pumps**

When volute with suction and discharge taps (gauge taps) is required, replace standard volute with that listed below, retaining material suffix.

NOTE: Suction and discharge taps are not available on models 2012 and smaller and model 3050.

MODEL	S & D VOLUTE PART NUMBER
2570	01012421
2595-3	01013968
2595-5	01341002
2512	01014094
3070-5	01013705
3070-7	01327203
3095-1	01013954
3095-3	Standard
3095-5	01302703
3012	01014418
3015	01014419
4070-5	01013892
4070-7	01308803
4095-5 & -B	01120902
4095-7 & -9	01326203
4012-5	01014124
4012-7/XA	01342203
4012-7/X5	01342205
4015	01014422
5095-5	01013891
5095-7	01328503
5012	01014420
5015-5	01014421
5015-7	01330903
6095	01326603
6012-1	01014423
6012-3	01326903
6015-5	01014424
6015-7"L"Only	01330503
6015-7"LUE"Only	01330504
8012-1	01015100
8012-3	01324203
10015	01014425

DS 24.2  
 Issued 12/6/79  
 Revised 11/3/80  
 Revised 11/23/81 ECA 3238  
 Revised 3/5/82 ECA 3495  
 Revised 7/27/82 ECA 3573  
 Revised 9/10/82 ECA 3618  
 Revised 10/26/82 ECA 3596  
 Revised 12/15/82 ECA 3680  
 Revised 1/21/83 ECA 3706  
 Revised 3/8/83 ECA 3738  
 Revised 3/25/83 ECA 3747  
 Revised 9/25/84  
 Revised 1/29/85

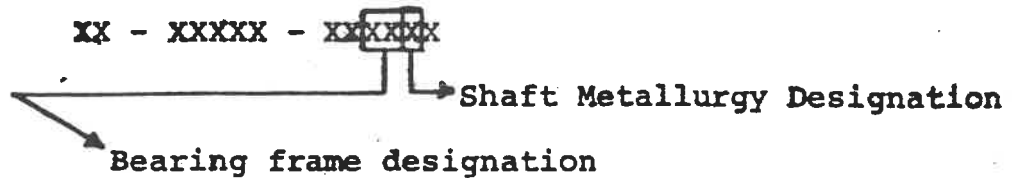
**250# FLANGED VOLUTES**  
**PRODUCT CODE 10 & 11 END SUCTION PUMPS**

MODEL NUMBER	250# VOLUTE PART NUMBER
2070	*
2095	*
2012	*
2570	01306601
2595-3	01291001
2595-5	01346901
2512	01329301
3070-5	01016243
3070-7	01324801
3095-5	01331601
3012	01014983
3015	01016024
4070-5	01341101
4095-5, -B	01331701
4095-7, -9	01344101
4012	*
4015	01306501
5095-5	01016241
5095-7	01344001
5012	01320901
5015-5	01324301
5015-7	*
6095	*
6012-1	01324401
6012-3	*
6015-5	01306401
6015-7	*
8012-3	01344401
10015	*

\*Not available - Refer to Engineering

## BEARING FRAME ASSEMBLIES

The bearing frame is usually designated by the third and fourth digits of the construction code.



If the fifth digit is 0,1,2,3,4, or 5 use the steel shaft bearing frame\*.

If the fifth digit is 6,7, or 8 use the S.S. shaft bearing frame.

\*NOTE: The #10 bearing frame uses a steel shaft when the fifth digit is "9".

PACIFIC PIPING COMPANY

W DS 24.2

Revised 12/22/76

Revised 12/6/79 *W 2786*

Revised 9/16/83 ECA-3835 *W 2786*

ENGR. DATA *W.200*  
supersedes Alg.1  
page 2 of 5  
Issued 3/28/75  
Revised 4/21/75  
Revised 8/8/75  
Revised 1/5/76

*Shank to Steel Shaft*

CATEGORY	BRG.FR.	H or V	TYPE	STEEL SHAFT		STAINLESS SHAFT		REMARKS
				STOCK#	6-DIGIT B/M	STOCK#	6-DIGIT B/M	
Series 10 (X0) const.	10	horz	std	20061390	-			
	<del>10</del>	<del>horz</del>	<del>std</del>	<del>20061391</del>	-	<del>20061391</del>		incl. 316 shaft sleeve
	<del>10</del>	<del>horz</del>	<del>std</del>	<del>20061391</del>	-	<del>20061391</del>		incl. 303 shaft adpt
Series 20 (X3) const.	<del>28</del>	<del>horz</del>	<del>std</del>	<del>20060615</del>	-	<del>20061568</del>		Inactive - ECA 3835
	<del>28</del>	<del>horz</del>	<del>High Temp</del>	<del>20061568</del>	-	<del>20061568</del>		
	29	horz	High Temp	20061928	-	20061928		
Series 30 (X3) const.	32	horz	std	20060616	-			
	32	horz	std		-	20061569		H303 shaft.
	32	horz	std		-	106802		H316 shaft
Series 40 (X3) const.	39	horz	quiet std	20060925	-			
	3A	horz	tube	20061913	-	20061914		
	<del>4A</del>	<del>horz</del>	<del>std</del>	<del>20061913</del>	-	<del>20061914</del>		
	4A	horz	std		-	20061643		

PACIFIC PUMPING CO.  
 DS 24-2  
 Revised 8/28/78 PL  
 Revised 3/6/79 PL  
 Revised 7/11/79 PL

ENGR. DATA AIS 0  
 supersedes Alg.1  
 page 13 of 5  
 Issued 3/28/75  
 JDP Revised 8/8/75  
 LMS Revised 1/5/76  
 LMS Revised 4/22/76

CATEGORY	BRG.FR.	H OR V	TYPE	STEEL SHAFT		STAINLESS SHAFT		REMARKS
				STOCK#	6-DIGIT B/M	STOCK#	6-DIGIT B/M	
Series 60' (X4) const.	62	horz	std	20060663	-	20061571	-	
	<del>63</del>	<del>horz</del>	<del>tube</del>	<del>20061654 (Inactive)</del>	-	-	<del>106577 (Inactive)</del>	<del>use only if 1st digit const. code is 1, 2, 6, 7, or 9.</del>
	<del>64</del>	<del>horz</del>	<del>tube</del>	<del>20061555 (Inactive)</del>	-	-	-	<del>use only if 1st digit of const. code is 0, 3, 4, or 5.</del>
	6C	horz	tube	20061588	-	20061781	-	
	<del>65</del>	<del>vert</del>	<del>std</del>	<del>20061556 (Inactive)</del>	-	<del>20061572</del>	-	<del>use only if 1st digit const. code is 1, 2, 6, 7, or 9.</del>
	<del>68</del>	<del>vert</del>	<del>tube</del>	<del>20061567 (Inactive)</del>	-	-	-	<del>use only if 1st digit of const. code is 0, 3, 4, or 5.</del>
	<del>69</del>	<del>vert</del>	<del>tube</del>	<del>20061558 (Inactive)</del>	-	-	-	<del>use only if 1st digit of const. code is 0, 3, 4, or 5.</del>
	6D	vert	tube	20061589	-	20061837	-	
	64	horz	std	20061559	-	-	106508	use w/engine-drive
	<del>66</del>	<del>horz</del>	<del>std</del>	<del>20061461</del>	-	-	-	
<del>6E</del>	<del>horz</del>	<del>std</del>	<del>20061447</del>	-	-	-		
<del>68</del>	<del>horz</del>	<del>std</del>	<del>20061464</del>	-	-	-		
6F	horiz	std	20061863	-	-	-		
<del>69</del>	<del>horz</del>	<del>quiet std</del>	<del>Inactive 20060926</del>	-	-	-		

BEARING FRAME ASSEMBLIES

Category	Bearing Frame	H or V	Type	Steel Shaft	303/304 S.S. Shaft
Series 80 (X5 Constr)	82	Horz	Standard	20061370	20061782
	83*	Vert	Standard	20061371*	103012*
	84*	Horz	Std - End Drv	20061372*	103013*
	88	Horz	Standard	20062627	20062628
	89	Horz	Lube	20062629	20062630
	8A	Horz	Lube	20061441	20061783
	8B	Vert	Lube	20061561	20061846
	8C	Horz	Adjust - Lube	20061590	20061838
	8D	Vert	Adjust - Lube	20061591	20061839
	8E*	Horz	Lube - End Drv	20061562*	---
	8M*	Horz	Moretrench	20061560*	---
	8P	Horz	Adjust - Lube	20062631	20062632

\*Inactive

BEARING FRAME ASSEMBLIES

Category	Bearing Frame	H or V	Type	Steel Shaft	303/304 S.S. Shaft
Series 90 (X6 Constr)	90	Horz	Standard	20061356	20061784
	92*	Horz	Lube - End Drv	20061358*	106132*
	95	Horz	Lube	20061564	-----
	9A	Horz	Lube	20061579	20061785
	9B*	Vert	Lube	20061578*	107186*
	9C	Horz	Adjust - Lube	20061580	20061840
	9D	Vert	Adjust - Lube	20061581	20061841
	9E	Horz	Adjust - Lube	20062723	20062724
	9F	Vert	Adjust - Lube	20062725	20062726
	9M*	Horz	Moretrench	20061563*	-----
	9P	Horz	Standard	20062029	20062034
	9Q	Horz	Lube	20062030	20062035
	Series 90 (X8 Constr)	93	Horz	Adjust - Lube	20061551
94		Vert	Adjust - Lube	20061552	20061843
Series 90 (X9 Constr)	98*	Horz	Adjust - Lube	20061565*	-----
	99*	Vert	Adjust - Lube	20061566*	-----
	9J	Horz	Adjust - Lube	20061606	20061844
	9K	Vert	Adjust - Lube	20061607	20061845

\*Inactive



Issued 12/6/79 *in insert 2786*  
 Revised 9/16/83 ECA 3835 *JFC*

SLEEVE AND RETAINING RING PART NUMBERS FOR  
 FRAME MOUNTED END SUCTION AND NON-CLOG PUMPS

Quantity required is 1 per pump.

CONSTRUCTION CODE (XXXXXX)				SLEEVE PART NUMBER	RETAINING RING PART NUMBER
X	X	XX	XX		
X	0	10	XX	none required	none required
<del>1</del>	<del>3</del>	<del>22</del>	<del>0X</del>	<del>05001156B</del>	<del>none required</del>
<del>2</del>			<del>1X</del>	<del>05001156H303</del>	
<del>6</del>			<del>6X</del>		
<del>7</del>			<del>2X</del>	<del>05001156P4</del>	
X	3	28 29	XX	none required	none required
0	3	32 39	3A	0X	none required
1				1X	
2				6X	
3				2X	
5				3X	
6				5X	
7					
9	3	32 39	3A	0X	included on insert B/M
				1X	
				6X	
				2X	
X	3	44 4A	XX	none required	none required

Inactive  
ECA  
3835

\*Used on packing pumps only (construction codes OXXXXX & 4XXXXX).

\*\*Not applicable for models 30953 & 40705 Type L.

Supersedes 3/1/78

Issued 12/6/79 *CL 12/27/80*

SLEEVE AND RETAINING RING PART NUMBERS FOR  
FRAME MOUNTED END SUCTION AND NON-CLOG PUMPS

Quantity required is 1 per pump.

CONSTRUCTION CODE (XXXXXX)				SLEEVE PART NUMBER	RETAINING RING PART NUMBER	
0 1 2 3 4 5 6 7	4	62	6A	0X	† 05002272B	none required
		63	6B	1X		
		64	6C	6X	† 05002272H303	
		66	6D	2X	† 05002272P4	
		69		3X	† 05002272H416	
				5X	† 05002272BK-31*	
9	4	62	6A	0X	05016077B**	included on insert B/M
		63	6B	1X		
		64	6C	6X	05016077H303**	
		66	6D	2X	05016077P4**	
0 1 2 4 6 7	A	62	6C	0X	05017069B	none required
		63		1X		
		64		6X	05017069H303	
		66		2X	05017069P4	
		67		5X	05017069BK-31*	
X	4	68		0X	05013270B	none required
		6E		1X	05013270H303	
		6F				

\*Used on packing pumps only (construction codes OXXXXX & 4XXXXX).

\*\*Not applicable for models 30953 & 40705 Type L.

†For models 30953 & 40705 using inactive housing 26010591.

1 2	4	62	6A	0X	05002806B	61025254H420
		63	6B	1X		
6		64	6C	6X	05002806H303	
7		69	6D			

SLEEVE AND RETAINING RING PART NUMBERS FOR  
 FRAME MOUNTED END SUCTION AND NON-CLOG PUMPS

Quantity required is 1 per pump.

CONSTRUCTION CODE (XXXXXX)				SLEEVE PART NUMBER	RETAINING RING PART NUMBER		
0 3 4 5	5	82	8A	0X	05011947B	None Required	
		83	8B	1X	05011947H303		
		84	8C	6X			
		88	8D	2X			05011947P4
		89	3X	05011947H416			
			5X	05011947BK-31*			
1 2 6 7	5	82	8A	0X	05012502B	61025254H420	
		83	8B	1X	05012502H303		
		84	8C	6X			
		88	8D	2X			05012502P4
		89					
0 3 4 5	6	90	9A	0X	05013177B	None Required	
		92	9B	1X	05013177H304		
			9C	6X			
			9E	2X			05012177P4
			9F	3X			05013177H416
			9P	5X			05013177BK-31*
	9Q						
1 2 6 7	6	90	9A	0X	05012501B	61025262H420	
		92	9B	1X	05013501H304		
			9C	6X			
			9D	2X			05013501P4
			9E				
	9F						
	9P						
	9Q						

\*Used on packing pumps only (construction codes 0XXXXX & 4XXXXX).

Supersedes 3/1/78

JF, Issued 12/6/79 *2756*  
JF, Revised 4/8/80 *2916*

SLEEVE AND RETAINING RING PART NUMBERS FOR  
FRAME MOUNTED END SUCTION AND NON-CLOG PUMPS

Quantity required is 1 per pump.

CONSTRUCTION CODE (XXXXXX)				SLEEVE PART NUMBER	RETAINING RING PART NUMBER		
0 3 4 5	6	95	0X	05010847B	none required		
			1X	05010847H303			
			6X				
1 2 6 7	6	95	0X	05010902B	61025265H420		
			1X	05010902H303			
			6X				
			7				
0 3 4 5	8	93 94	0X	05016074B	none required		
			1X	05016074H304			
			6X				
			3X			05016074H416	
			5X			05016074BK-31*	
0 3 4 5	9	98 99	9J 9K	0X	05015595B	none required	
				1X	05015595H303		
				6X			
				3X			05015595H416
				5X			05015595BK-31*

\*Used on packing pumps only (construction codes 0XXXXX & 4XXXXX).

Supersedes 8/6/75

Issued 12/23/75

Revised 3/6/79

Revised 5/10/79

INSERT B/M's

If the second digit of the construction code is "0" or "1" (i.e. X0XXXX, X1XXXX), turn to page 2.

If the third and fourth digits of the construction code are "00" (i.e. XX00XX), use horizontal inserts.

If the third and fourth digits of the construction code are "01" (i.e. XX01XX), use vertical inserts.

Find the block that has the appropriate pump model and then find the construction code on the left hand side of the page. Then go across the page until you find the appropriate type of seal, and the appropriate configuration (horiz. or vert.)

EXAMPLE: Find the insert for: 10-15505-100061-1551

	TYPE 6	
	HORIZ.	
Y0XXZ1	101349	

If the second digit of the construction code is "3", "4", "6", "8", or "A", turn to page 3, if "9" turn to page 4.

If the third and fourth digits of the construction code are "00" (i.e. XX00XX) use horizontal inserts.

If the third and fourth digits of the construction code are "01" (i.e. XX01XX) use vertical inserts.

Find the construction code by going down the left hand side of the page (this gives you the proper row).

Then go across the top of the page until you find the proper 1st digit of the construction code (this gives you the proper column).

The box where the row and column meet has the correct insert B/M.

EXAMPLE: Find the insert for: 10-25121-530015-1682.

	TYPE 9	
	Y=5	
Y3XX5	100680	

PACIFIC PUMPING COMPANY

DS.24.2

Supersedes 12/23/75

Issued 7/26/78

Revised 1/23/79 DLB

Revised 3/6/79 CMB

INSERTS FOR FRACTIONAL MOTORS

PUMP CONSTR. CODE	Single Seal Buna/Ceramic Y=1				Single Seal Viton/Ni-Resist Y=6		Single Seal Buna/Ni-Resist Y=7			
	Type 6		Type 2		H	V	Type 2 (211°)		Type 2 (212-225°)	
	H	V	H	V	H	V	H	V	H	V
Y0XXZ0 Z1 Z2 Z5	101349	101350	<del>101343</del>	<del>101344</del>	108516	108517	108537	108538	107556	107558
	101349	101350	<del>101343</del>	<del>101344</del>	108516	108517	108537	108538	107556	107558
	101351	101352	<del>101345</del>	<del>101346</del>	108518	108519	108539	108540	107557	107559
	101349	101350	<del>101347</del>	<del>101348</del>	108520	108521	108537	108538	101347	101348
Y1XXZ0 Z1 Z2 Z5	101362	107168	101359	107170	108522	108523	108541	108542	107562	107562
	101362	107168	101359	107170	108522	108523	108541	108542	107562	107562
	102473	102474	101360	107171	108524	108525	108543	108544	107563	107563
	101362	107168	101361	107172	108526	108527	108541	108542	107172	107172
Y0XX60 61 62 65	101370	101371	101364	101365	108528	108529	108545	108546	107564	107566
	101370	101371	101364	101365	108528	108529	108545	108546	107564	107566
	101372	101373	101366	101367	108530	108531	108547	108548	107565	107567
	101370	101371	101368	101369	108532	108533	108545	108546	101368	101369
Y1XX60 61 62 65	102475	102475	102483	102483	108534	108534	108549	108549	107568	107568
	102475	102475	102483	102483	108534	108534	108549	108549	107568	107568
	102477	102477	102485	102485	108535	108535	108550	108550	107569	107569
	102475	102475	102485	102485	108536	108536	108549	108549	107176	107176

Pump  
Model  
XX50

Pump  
Model  
XX70

INSERT B/M INTEGRAL MOTORS

	STANDARD PACKING Y=0		SINGLE SEAL BUJWA/CERAMIC Y=1		SINGLE SEAL VITON/ TUNA CARB Y=2		DOUBLE SEAL BUJWA/CERAMIC Y=3		TEFLON PACKING Y=4		TYPE 9 SEAL TEFLON/CERAMIC Y=5		SINGLE SEAL VITON/ NI-RESIST Y=6		SINGLE SEAL BUJWA/ NI-RESIST 2.5 PARTS Y=7		LIQUID TIGHTED BUJWA/ NI-RESIST Y=9		SINGLE SEAL BUJWA/ NI-RESIST REGR. LIMP Y=A	
	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H	V
Y3XX0	100646	100666	100666	103430	102515	102425	102425	102425	102503	100680	106200	102537	102540	106242	106280	102550	102424	108515		
X1	100646	100666	100666	103430	102515	102425	102425	102425	102503	100680	106200	102537	102540	106242	106280	102550	102424	108515		
X2	100647	100667	100667	105221	102516	102497	102497	102504	102504	100681	107185	102538	102541	106243	106281	102551	102562			
Y4XX0	100648	100668	100668	108552	102517	108557	108557	102505	102505	100680	106200	102539	102540	106244	106282	102550	102563			
X1	100648	100668	100668	108552	102517	108557	108557	102505	102505	100680	106200	102539	102540	106244	106282	102550	102563			
X2	100651	100670	100670	100670	102518	107576	107576	102506	102506	102528		102540	102540	106245	106245	102553	102463			
X5	100652	108553	108553	108553	102520	108558	108558	102508	102508	102528		102542	102542	106247	106247	102553	102465			
Y5XX0	100662	100675	100675	100675	102521	101770	101769	102509	102509	102531		102544	102544	107281	107281	102556	108605			
X1	100662	100675	100675	100675	102521	101770	101769	102509	102509	102531		102544	102544	107281	107281	102556	108605			
X2	100663	100676	100676	100676	102522	102499	107199	102510	102510	102532		102545	102545	107282	107282	102557	108605			
Y6XX0	102491	102494	102494	107583	102523	101770	101769	102511	102511	102531		102546	102546	100673	100673	102556	108607			
X1	102491	102494	102494	107583	102523	101770	101769	102511	102511	102531		102546	102546	100673	100673	102556	108607			
X2	102492	102495	102495	107584	102524	102430	102500	102512	102512			102547	102547	108559	108560	102557	108610			
X5	102493	108555	108555	108555	102526	102430	102500	102514	102514			102548	102548	108561	108562	102558	108610			
Y8XX0	107797					107798	107798													
X1	107797					107798	107798													
X2																				
X5																				
Y9XX0	100650	108641	108641	108641	108644			102506				108647	108647	108650	108650		108653			
X1	100650	108641	108641	108641	108644			102506				108647	108647	108650	108650		108653			
X2	100651	108642	108642	108642	108645			102507				108648	108648	108651	108651		108654			
X5	100652	108643	108643	108643	108646			102508				108649	108649	108652	108652		108655			

NOTE: For X9 Construction see page 4.

\*\* For Product Code 10611, Models 30953, 40705 & Product Code 16, Models 40953, 50705 use the following:

Y4XX0	100654	108485	108485	108488								108491	108491	108494	108494		108606			
X1	100654	108485	108485	108488								108491	108491	108494	108494		108606			
X2	100655	108486	108486	108489								108492	108492	108495	108495		108606			
X5	100656	108565	108565	108490								108493	108493	108496	108496		108606			

\* For Product Code 52, 53, 78 and where lantern ring is required use the following:

Y3XX0	108564
X1	108564
X2	108575
X5	108576

Supersedes 7/7/75  
Issued 3/6/79 DR ✓  
Revised 1/12/81 *R.B. 21 Jan 81*

INSERT B/M X9 CONSTRUCTION

Model	Constr. Code	Standard Packing Y=0 H&V	Double Seal Buna/Ceramic Y=3 H&V
52-818	Y9XXX0	* 108621	* 108620
	X1	* 108621	* 108620
	X2		
	X5	* 108621	* 108620
52-1022	Y9XXX0	106790	106789
	X1	106790	106789
	X2		
	X5	106790	106789

\* INACTIVE



PACO PUMPS  
DS24.2  
Issued 5/21/85 AL

INSERT B/M  
PRODUCT CODE 10  
LC END SUCTION PUMPS

Construction Code	Pump Model	Motor Frame	Construction Code						
			0--0--	1--0--	2--0--	3--0--	6--0--	7--0--	
-0---0, -0---1	5" pumps	All	---	101349	---	---	---	108516	108537
-0---0, -0---1	7" pumps	All	---	101370	---	---	---	108528	108545
-1---0, -1---1	5" pumps	All	---	101362	---	---	---	108522	108541
-3---0, -3---1	All	143JM - 184JM	108731*	108734	108693	---	---	108697	108699
-3---0, -3---1	All	213JM - 256JMZ	109247**	108735	108694	---	---	108698	108700
-4---0, -4---1	All except 4070	213JMZ - 256JM	109463	108736	109270	109250	109272	109272	109274
-4---0, -4---1	All Except 4070	284JM - 404JMZ	109464	108737	109271	109251	109273	109273	109275
-4---0, -4---1	40705, 40707	213JMZ - 256JM	109467	108833	109264	---	109266	109266	109268
-4---0, -4---1	40705, 40707	284JM - 404JMZ	109468	108834	109265	---	109267	109267	109269
-A---0, -A---1	All	213JMZ - 256JM	109465	108738	109276	---	109278	109278	109280
-A---0, -A---1	All	284JM - 404JMZ	109466	108739	109277	---	109279	109279	109281
-5---0, -5---1	All	All	100662	100675	102521	101770	102544	102544	107281

\* For latern ring construction use 109089  
\*\* For latern ring construction use 109090

Supersedes 4/74  
Issued 4/5/79 *AL-100*

MOTOR BRACKETS AND CRADLES

GYROPOISE MOTORS

Constr. Code	Frame Size	Cap Screw (Qty) Mtr/Vol Bkplt	Cradle	Cap Screw (Qty) Cradle Motor
X300XX X301XX	143TG-145TG	*08023047 (6)	97006481C None	08023063F (4) None
X300XX X301XX	182TG-184TG	*08023047 (6)	97006473C None	08023047F (2) 08023063F (2) None
X300XX X301XX	213TG-215TG	*08023047 (6)	97010003C None	08023063F (4) None

CCP MOTORS

Constr. Code	Frame Size	AK	Bracket Horz. Vert:	Cap Screw (Qty) Bkt/Vol Bkplt Bkt/Mtr
X300XX X301XX	143TCZ-184TCZ	4½	21013241C 21013241C	*08023047 (6) 08023047F (4)
X300XX X301XX	213TCZ-256TCZ	8½	21009216C 21015067C	*08023047 (6) 08023064F (4)
X400XX X401XX	213TCZ-256TCZ	8½	21011005C 21011005C	*08023047 (6) 08023064F (4)
X400XX X401XX	284TCZ-286TCZ	10½	21010592C 21010592C	*08023047 (6) 08023064F (4)
X400XX X401XX	284TCZ-365TCZ	12½	21010593C 21015782C	*08023047 (6) 08023070F (4)
X500XX X501XX	213TCZ-256TCZ	8½	21001641C 21001641C	*08023065 (8) 08023065F (4)
X500XX X501XX	284TCZ-286TCZ	10½	21001065C 21001065C	*08023142 (4) 08023065F (4)
X500XX X501XX	284TCZ-286TCZ	12½	21001067C 21001067C	*08023065 (8) H:08023071F (4) V:08023065F (4)
X500XX X501XX	324TCZ-365TCZ	12½	21001067C 21001067C	*08023065 (8) 08023071F (4)

\*Material to be compatible with pump metallurgy.

To convert a standard 56 frame fractional motor with 5/8" shaft (65127XXX-XX) to Gyroprise pump mounting dimension, use:

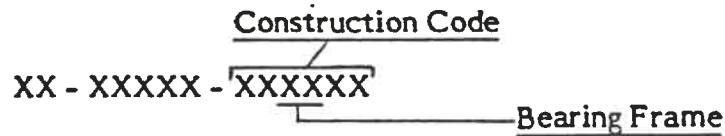
Bracket 21010604C (Fractional)  
Shaft Adapter 06001237H303  
(No sleeve required)

ENGR. DATA AIS.300

PART NUMBERS FOR STEEL BASES,  
COUPLINGS, AND COUPLING GUARDS

In order to use these data sheets, you will need the following information:

1. The bearing frame number which is usually designated by the third and fourth digits of the construction code.



2. The motor frame number which can be found on Engr Data A1s.340
3. The nominal impeller diameter (5" or 7") which is required information only for the #10 bearing frame.

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAME 10  
 NOMINAL IMPELLER DIAMETER 5"

MOTOR FRAME	COUPLING TYPE		
	LOVEJOY (PACO STD)	DODGE PX	FALK TYPE T10
48	97012829F 34005895C (4) 23027100-074 23027100-050 23027100-INS 34016564F	Refer to Engineering	Refer to Engineering
56	97012829F 34007025C (4) 23027100-074 23027100-062 23027100-INS 34016564F	Refer to Engineering	Refer to Engineering
143T/145T	97012830F 34007025C (4) 23027100-074 23027100-087 23027100-INS 34016564F	Refer to Engineering	Refer to Engineering
182T/184T	97012831F 23027100-074 23027100-112 23027100-INS 34016564F	97012917F 23041050-074 23041050-112 23041050-COL 34018005F	Refer to Engineering
213T/215T	97015864F 34013242C (4) 23027100-074 23027100-137 23027100-INS 34016565F	Refer to Engineering	97015864F 34013242C (4) 23012030-074 23012030-137 23012030-GRD 34017909F

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXF)
- Risers (340XXXXXC) if required
- Couplings (230XXXX-XXX)
- Coupling Guard (340XXXXXF)

- 2. All quantities are 1 each unless indicated (x).
- 3. For Drip Pan part numbers see A1s.315

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAME 10  
 NOMINAL IMPELLER DIAMETER 7" - INACTIVE

MOTOR FRAME	COUPLING TYPE	
	LOVEJOY (PACO STD)	
48	97012832F	
	34005895C (4)	
	23027100-074	
	23027100-050	
	23027100-INS	
	34016565F	
56	97012832F	
	34007025C (4)	
	23027100-074	
	23027100-062	
	23027100-INS	
	34016565F	
143T/145T	97012833F	
	34007025C (4)	
	23027100-074	
	23027100-087	
	23027100-INS	
	34016565F	
182T/184T	97012921F	
	23027100-074	
	23027100-112	
	23027100-INS	
	34016565F	

- NOTES: 1. Part numbers are listed in the following order:  
           Base (970XXXXXF)  
           Risers (340XXXXXC) if required  
           Couplings (230XXXXX-XXX)  
           Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAME 22 - INACTIVE ECA 3835

MOTOR FRAME	COUPLING TYPE		
	WOODS (PACO STD)	LOVEJOY TYPE L	FALK TYPE T10
56	97012789F 34005896C (4) 23031003-087 23031003-062 23030003-JES 34016524F	97012789F 34005896C (4) 23027100-087 23027100-062 23027100-INS 34016524F	97012789F 34005896C (4) 23012020-087 23012020-062 23012020-GRD 34018005F
143T/145T	97012790F 34005896C (4) 23031004-087 (2) 23030004-JES 34016524F	97012790F 34005896C (4) 23027100-087 (2) 23027100-INS 34016524F	97012790F 34005896C (4) 23012020-087 (2) 23012020-GRD 34018005F
182T/184T	97012791F 34013242C (4) 23031005-087 23031005-112 23030005-JES 34016524F	97012791F 34013242C (4) 23027100-087 23027100-112 23027100-INS 34016524F	97012791F 34013242C (4) 23012020-087 23012020-112 23012020-COL 34017909F
213T/215T	97012792F 23031006-087 23031006-137 23030006-JES 34017909F	97012792F 23027100-087 23027100-137 23027100-INS 34016524F	97012792F 23012030-087 23012030-137 23012030-GRD 34017909F

- NOTES: 1. Part numbers are listed in the following order:  
           Base (970XXXXXF)  
           Risers (340XXXXXC) if required  
           Couplings (230XXXXX-XXX)  
           Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315

\* PACO PUMPS  
 DS 24.2  
 Supersedes 4/15/74  
 Issued 4/22/83  
 Revised 1/15/84  
 Revised 2/20/85 *ac*  
 Revised 12/13/85 *FBT*

ENGR. DATA A1s.310  
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PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 32, 39 & 3A

MOTOR FRAME	WOODS (PACO STD)	LOVEJOY TYPE L, LC	DODGE PX	COUPLING TYPE		FASTS TYPE B	THOMAS TYPE DBZ
				FALK TYPE T10			
48	97012794F	97012794F	97012794F	97012794F			
	34006982C (4)	34006982 (4)	34006982 (4)	34006982 (4)			
	23031003-087	23027100-087	23041050-087	23012020-087		Refer to	Refer to
	23031003-050	23027100-050	23041050-050	23012020-050		Engineering	Engineering
56	23030003-JES	23027100-INS	23041050-COL	23012020-GRD			
	34016274F	34016274F	34017837F	34017845F			
	97012794F	97012794F	97012794F	97012794F			
	23031003-087	23027100-087	23041050-087	23012020-087		Refer to	Refer to
143T/145T	23031003-062	23027100-062	23041050-062	23012020-062		Refer to	Refer to
	23030003-JES	23027110-INS	23041050-COL	23012020-GRD		Engineering	Engineering
	34016274F	34016274F	34017837F	34017845F			
	97012795F	97012795F	97012795F	97012795F			
182T/184T	23031004-087 (2)	23027100-087 (2)	23041050-087 (2)	23012020-087 (2)		23061001-COL (2)	Refer to
	23030004-JES	23027100-INS	23041050-COL	23012020-GRD		23061001-087 (2)	Refer to
	34016274F	34016274F	34017837F	34017845F		34017845F	Engineering
	97012796F	97012796F	97017838F	97012796F			97012796F
213T/215T	34005899C (4)	34005899C (4)	34005899C (4)	34005899C (4)			34005899C (4)
	23031005-087	23027100-087	23041050-087	23012020-087		Refer to	23051101-087
	23031005-112	23027100-112	23041050-112	23012020-112		Engineering	23051101-112
	23030005-JES	23027100-INS	23041050-COL	23012020-GRD			23051101-INS
213T/215T	34016274F	34016274F	34017837F	34017845F			34016274F
	97012797F	97012797F	97012797F	97012797F			97012797F
	34005898C (4)	34005898C (4)	34005898C (4)	34005898C (4)			34005898C (4)
	23031006-087	23027100-087	23041060-087	23012030-087		Refer to	Refer to
213T/215T	23031006-137	23027100-137	23041060-137	23012030-137		Engineering	Engineering
	23030006-JES	23027100-INS	23041060-COL	23012030-GRD			
	34016939F	34016274F	34017836F	34017959F			
	97012797F	97012797F	97012797F	97012797F			

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXF)
- Risers (340XXXXXC) if required
- Couplings (230XXXXX-XXX)
- Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x)
3. For Drip Pan part numbers see A1s.315

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 32, 39 & 3A

MOTOR FRAME	COUPLING TYPE			
	WOODS (PACO STD)	LOVEJOY TYPE L, LC	DODGE PX	FALK TYPE T10
213U/215U	97012797F	97017867F	97017960F	97012797F
	23031006-087	23027100-087	23041050-087	23012020-087
	23031006-162	23027100-112	23042050-112	23012020-112
	23030006-E	23027100-INS	23041050-COL	23012020-GRD
	34016939F	34016274F	34017837F	34016939F
254T/256T	97012798F	97012798F	97012798F	97012798F
	23032008-087	23027110-087	23041070-087	23012040-087
	23032008-162	23027110-162	23041070-162	23012040-162
	23030008-E	23027110-INS	23041070-COL	23012040-GRD
	34018135F	34016274F	34018013F	34017959F
254U/256U	97012798F	97018097F	97018097F	97012798F
	23032007-087	23027100-087	23041060-087	23012030-087
	23032007-137	23027100-137	23041060-137	23012030-137
	23030007-JES	23027100-INS	23041060-COL	23012030-GRD
	34017959F	34016274F	34017836F	34017959F
284T/286T	97016376F	97016376F	Refer to Engineering	Refer to Engineering
	34013242C (4)	34013242C (4)		
	23032009-087	23028150-087		
	23032009-187	23028150-187		
	23030009-E	23028150-INS		
34017992F	23028150-COL	34016275F		
284TS	97015205F	97015205F	Refer to Engineering	97015205F
	34013242C (4)	34013242C (4)		
	23032008-087	23027110-087		
	23032008-162	23027110-162		
	23030008-E	23027110-INS		
34018013F	34017959F	34017836F		

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXF)
- Risers (340XXXXXC) if required
- Couplings (230XXXXX-XXX)
- Coupling Guard (340XXXXXF)

- 2. All quantities are 1 each unless indicated (x).
- 3. For Drip Pan part numbers see A1s.315



PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 44 & 4A

MOTOR FRAME	COUPLING TYPE			
	WOODS (PACO STD)	LOVEJOY TYPE L	DODGE PX	FALK TYPE T10
143T/145T	97013407F 23031006-125 23031006-087 23030006-JES 34016939F	97013407F 23027100-125 23027100-087 23027100-INS 34016939F	97013407F 23041060-125 23041060-087 23041060-COL 34017836F	Refer to Engineering
182T/184T	97013408F 34005896C (4) 23031006-125 23031006-112 23030006-JES 34016939F	97013408F 34005896C (4) 23027100-125 23027100-112 23027100-INS 34016939F	97013408F 34005896C (4) 23041060-125 23041060-112 23041060-COL 34017836F	Refer to Engineering
213T/215T	97013409F 34007025C (4) 23032007-125 23032007-137 23030007-JES 34018135F	97013409F 34007025C (4) 23027100-125 23027100-137 23027100-INS 34016939F	97013409F 34007025C 23041060-125 23041060-137 23041060-COL 34017836F	Refer to Engineering
254T/256T	97013410F 23032008-125 23032008-162 23030008-E 34018135F	97013410F 23027110-125 23027110-162 23027110-INS 34016939F	97013410F 23041070-125 23041070-162 23041070-COL 34018013F	Refer to Engineering
284TS/286TS	97013411F 34013242C (4) 23032008-125 23032008-162 23030008-E 34018013F	97013411F 34013242C (4) 23027110-125 23027110-162 23027110-INS 34018135F	97013411F 34013242C (4) 23012040-125 23012040-162 23012040-GRD 34018013F	Refer to Engineering

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXF)
- Risers (340XXXXXC) if required
- Couplings (230XXXXX-XXX)
- Coupling Guard (340XXXXXF)

- 2. All quantities are 1 each unless indicated (x).
- 3. For Drip Pan part numbers see A1s.315.

PART NUMBERS FOR STEEL BASES WITH  
COUPLING AND COUPLING GUARD

BEARING FRAMES 44 & 4A

MOTOR FRAME	COUPLING TYPE		
	WOODS (PACO STD)	LOVEJOY TYPE L	FALK TYPE T10
284T/286T	97018379F 34013242C (4) 23030009-E 23032009-125 23032009-187 34018013F	REFER TO ENGINEERING	REFER TO ENGINEERING

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 62, 66, 68, 6A, 6C, 6E, & 6F

-----  
 COUPLING TYPE  
 -----

MOTOR FRAME	WOODS (PACO STD)	LOVEJOY TYPE L, LC	DODGE PX	FALK TYPE T10
182T/184T	97013413F	97013413F	97013413F	97013413F
	23031006-112	23027100-112	23041060-112	23012030-112
	23031006-137	23027100-137	23041060-137	23012030-137
	23030006-JES	23027100-INS	23041060-COL	23012030-GRD
	34016275F	34016275F	34017992F	34016275F
213T/215T	97012929F	97012929F	97012929F	97012929F
	23032007-137(2)	23027100-137(2)	23041060-137(2)	23012040-137(2)
	23030007-JES	23027100-INS	23041060-COL	23012040-GRD
	34016275F	34016275F	34017992F	34016275F
254T/256T	97012799F	97012799F	97012799F	97012799F
	34005899C(4)	34005899C(4)	34005899C(4)	34005899C(4)
	23032008-137	*23027110-137	23041070-137	23012040-137
	23032008-162	*23027110-162	23041070-162	23012040-162
	23030008-E	*23027110-INS	23041070-COL	23012040-GRD
34017992F	*34016275F	34017840F	34016275F	
254U/256U	97012799F	97017833F	97017833F	97012799F
	34005899C(4)	34005899C(4)	34005899C(4)	34005899C(4)
	23032007-137(2)	23027100-137(2)	23041060-137(2)	23012030-137(2)
	23030007-JES	23027100-INS	23041060-COL	23012030-GRD
34016275F	34016275F	34017992F	34016275F	
284T/286T	97012800F	97012787F	97012787F	97012800F
	34005898C(4)	34005898C(4)	34005898C(4)	34005898C(4)
	23032009-137	23028150-137	23041080-137	23012050-137
	23032009-187	23028150-187	23041080-187	23012050-187
	23030009-E	23028150-INS	23041080-COL	23012050-GRD
	34017992F	23028150-COL	34018015F	34017992F
	34016275F			

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXF)  
 Risers (340XXXXXC)  
 Couplings (230XXXX-XXX0)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see Als.315.

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 62, 66, 68, 6A, 6C, 6E & 6F

MOTOR FRAME	COUPLING TYPE			
	WOODS (PACO STD)	LOVEJOY TYPE LC	DODGE PX	FALK TYPE T10
284TS/286TS	97012801F 34005898C (4) 23032008-137 23032008-162 23030008-E 34017992F	97012801F 34005898C (4) 23027110-137 23027110-162 23027110-INS 34016275F	97012801F 34005898C (4) 23041070-137 23041070-162 23041070-COL 34017840F	97012801F 34005898C (4) 23012040-137 23012040-162 23012040-GRD 34016275F
284U/286U	97012800F 34005898C (4) 23032008-137 23032008-162 23030008-E 34017992F	97012800F 34004898C (4) 23027110-137 23027110-162 23027110-INS 34016275F	97012800F 34004898C (4) 23041070-137 23041070-162 23041070-COL 34017840F	97012800F 34005898C (4) 23012040-137 23012040-162 23012040-GRD 34016275F
324T/326T	97012802F 23032010-137 23032010-212 23030010-E 34017840F	97012802F 23028225-137 23028225-212 23028225-INS 23028225-COL 34017992F	Refer to Engineering	97012802F 23012060-137 23012060-212 23012060-GRD 34017992F
324TS/326TS	97012803F 23032009-137 23032009-187 23030009-E 34017992F	97012803F 23028150-137 23028150-187 23028150-INS 23028150-COL 34016275F	Refer to Engineering	97012803F 23012050-137 23012050-187 23012050-GRD 34016872F
364TS/365TS	97013406F 34007025C (4) 23032008-137 23032008-187 23030008-HS 34017997F	97013406F 34007025C (4) 23028225-137 23028225-187 23028225-INS 23028225-COL 34017997F	Refer to Engineering	97013406F 34007025C (4) 23012060-137 23012060-187 23012060-COL 34017997F

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXF)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315.

PART NUMBERS FOR STEEL BASES WITH  
COUPLING AND COUPLING GUARD

BEARING FRAMES 82 & 8A  
ALL MODELS EXCEPT 11-80155

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE				FASTS TYPE B
		LOVEJOY TYPE LC	DODGE PX	FALK TYPE T10		
213T/215T	97012804F	97012804F		97012804F		
	23032009-137	23028190-137		23012060-137		
	23032009-212	23028190-212	Refer to Engineering	23012060-212	Refer to Engineering	
	23030009-E	23028190-INS		23012060-GRD		
	34016873F	23028190-COL		34016873F		
254T/256T	97012805F	97012805F		97012805F		
	23032009-162	23028190-162		23012060-162		
	23032009-212	23028190-212	Refer to Engineering	23012060-212	Refer to Engineering	
	23030009-E	23028190-INS		23012060-GRD		
	34016873F	23028190-COL		34016873F		
284T/286T	97012806F	97012806F		97012806F		
	23032009-187	23028190-187		23012060-187		
	23032009-212	23028190-212	Refer to Engineering	23012060-212	Refer to Engineering	
	23030009-E	23028190-INS		23012060-GRD		
	34016276F	23028190-COL		34016276F		
324T/326T	97012807F	97012807F		97017835F		
	34005900C (4)	34005900C (4)		35005900C (4)		
	23032010-212 (2)	23028225-212 (2)	Refer to Engineering	23012060-212 (2)	Refer to Engineering	
	23030010-E	23028225-INS		23012060-GRD		
	34017236F	23028225-COL		34016276F		
324TS/326TS	97018001F	97018001F		97018001F		
	34005900C (4)	34005900C (4)		34005900C (4)		
	23032009-212	23028190-212	Refer to Engineering	23012060-GRD	Refer to Engineering	
	23032009-187	23028190-187		23012060-212		
	23030009-E	23028190-INS		23012060-187		
	34016873F	23028190-COL		34016873F		

NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXF)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x).  
 3. For Drip Pan part numbers see A1s.315.

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 82 & 8A  
 ALL MODELS EXCEPT 11-80155

MOTOR FRAME	COUPLING TYPE			
	WOODS (PACO STD)	LOVEJOY TYPE LC	DODGE PX	FALK TYPE T10
324U/326U	97012807F 34005900C (4) 23030009-E 23032009-187 23032009-212 34016276F	Refer to Engineering	Refer to Engineering	97012807F 34005900C (4) 23012060-GRD 23012060-187 23012060-212 34016276F
364T/365T	97012808F 34005898C (4) 23032011-212 23032011-237 23030011-E 34016555F	N/A	97012808F 34005898C (4) 23041090-212 23041090-237 23041090-COL 34016555F	97012808F 34005898C (4) 23012070-GRD 23012070-212 23012070-237 34018119F
364TS/365TS	97012934F 34005898C (4) 23032009-187 23032009-212 23030009-HS 34016873F	97012934F 34005898C (4) 23028225-187 23028225-212 23028225-INS 23028225-COL 34016873F	Refer to Engineering	97012934F 34004898C (4) 23012060-187 23012060-212 23012060-GRD 34016873F
404T/405T	97012819F 23032012-212 23032012-287 23030012-E 34018072F	N/A	97012819F 23041120-212 23041120-287 23041120-COL 34018106F	97012819F 23012080-GRD 23012080-212 23012080-287 34016589F
404TS/405TS	97017974F 23032009-212 (2) 23030009-HS 34016874F	N/A	97017974F 23041090-212 (2) 23041090-COL 34017799F	97017974F 23012060-212 (2) 23012060-GRD 34016874F

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXF)
- Risers (340XXXXXC) if required
- Couplings (230XXXXX-XXX)
- Coupling Guard (340XXXXXF)

- 2. All quantities are 1 each unless indicated (x).
- 3. For Drip Pan part numbers see A1s.315.

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 82 & 8A  
 MODEL 11-80155

MOTOR FRAME	COUPLING TYPE		
	WOODS (PACO STD)	LOVEJOY TYPE LC	FALK TYPE T10
284T/286T	97017630F 3405900C (4) 23032009-187 23032009-212 23030009-E 34017236F	97017630F 34005900C (4) 23028190-187 23028190-212 23028190-INS 23028190-COL 34016873F	Refer to Engineering
324T/326T	97017632F 34005898C (4) 23032010-212 (2) 23030010-E 34016555F	97017632F 34005898C (4) 23028225-212 (2) 23028225-INS 23028225-COL 34018119F	Refer to Engineering
364T/365T	97017631F 23032011-212 23032011-237 23030011-E 34016770F	N/A	97017631F 23012070-GRD 23012070-212 23012070-237 34017236F
404T	97017629F 23032012-212 23032012-287 23030012-E 34018072F	N/A	97017629F 23012080-GRD 23012080-212 23012080-287 34016555F

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXF)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315.

PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 90 & 9A

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE		
		LOVEJOY TYPE LC	FALK TYPE T10	DODGE PX
324T/326T	97016083F	97016083F		
	23032010-212	23028225-237	Refer to	Refer to
	23032010-237	23028225-212	Engineering	Engineering
	23030010-E	23028225-INS 23028225-COL		
	34016770F	34016770F		
364T/365T	97012936F	97012936F	97012936F	97012936F
	34005900C(4)	34005900C(4)	34005900C(4)	34005900C(4)
	23032011-237(2)	23012070-GRD	23012070-GRD	23041090-COL
	23030011-E	23012070-237(2)	23012070-237(2)	23041090-237
	34016770F	34016770F	34016770F	34016770F
404T/405T	97012960F	97012960F	97012960F	Refer to
	34005898C(4)	34005898C(4)	34005898C(4)	Refer to
	23032012-237	23012080-GRD	23012080-GRD	Engineering
	23032012-287	23012080-237	23012080-237	
	23030012-E	23012080-287	23012080-287	
	34018106F	34016770F	34016770F	34016770F
444T	97015735F	97015735F	97015735F	Refer to
	23032012-237	23012090-GRD	23012090-GRD	Refer to
	23032012-337	23012090-237	23012090-237	Engineering
	23030012-E	23012090-337	23012090-337	
	34018106F	34016770F	34016770F	
444TS/445TS	97016142F	97016142F	97016142F	Refer to
	23032010-237(2)	23012080-GRD	23012080-GRD	Refer to
	23030010-HS	23012080-237(2)	23012080-237(2)	Engineering
	34016770F	34016770F	34016770F	

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXXF)
- Risers (340XXXXXC) if required
- Couplings (230XXXXX-XXX)
- Coupling Guard (340XXXXXXF)

2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315.



PART NUMBERS FOR STEEL BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 9P & 9Q  
 MODEL 11-60157

MOTOR FRAME	COUPLING TYPE	
	WOODS (PACO STD)	FALK TYPE T10
444TS/445TS	97017362F 23032010-237(2) 23030010-HS 34018072F	97017362F 23012080-GRD 23012080-237(2) 34016770F

BEARING FRAMES 9P & 9Q  
 MODEL 11-80155

MOTOR FRAME	COUPLING TYPE	
	WOODS (PACO STD)	FALK TYPE T10
364T/365T	97017633F 23032011-237 (2) 23030011-E 34018106F	97017633F 23012070-GRD 23012070-237 (2) 34016770F
404T/405T	97017637F 34005898C (4) 23032012-237 23032012-287 23030012-E 34018106F	97017637F 34005898C (4) 23012080-GRD 23012080-237 23012080-287 34016770F
444TS/445TS	97017636F 23032010-237(2) 23030010-HS 34016770F	97017636F 23012080-GRD 23012080-237 (2) 34016770F

- NOTES: 1. Part numbers are listed in the following order:  
           Base (970XXXXXF)  
           Risers (340XXXXXC) if required  
           Couplings (230XXXXX-XXX)  
           Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315.

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PART NUMBERS FOR STEEL BASES WITH  
SPACER COUPLING AND COUPLING GUARD

BEARING FRAME 10  
NOMINAL IMPELLER DIAMETER 5"

COUPLING TYPE	
MOTOR FRAME	WOODS (PACO STD)
48	REFER TO ENGINEERING
56	REFER TO ENGINEERING
143T/145T	97018412F 34007025C(4) 23026100-INS(2) 23026100-COL(2) 23026100-S35 23026100-074 23026100-087 34017958F
182T/184T	REFER TO ENGINEERING
213T/215T	REFER TO ENGINEERING

NOTES: 1. Part numbers are listed in the following order:

Base (970XXXXXF)  
Risers (340XXXXXC) if required  
Couplings (230XXXXX-XXX)  
Coupling Guard (340XXXXXF)

- All quantities are 1 each unless indicated (x).
- For Drip Pan part numbers see Als.315.

PART NUMBERS FOR STEEL BASES WITH  
 SPACER COUPLING AND COUPLING GUARD

BEARING FRAME 32, 39, & 3A

MOTOR FRAME	COUPLING TYPE		
	WOODS (PACO STD)	LOVEJOY TYPE RRS	FALK TYPE T31
56	Refer to Engineering	Refer to Engineering	Refer to Engineering
143T/145T	97018112F 23034004-087 (2) 23030004-JES 34017895F	97018112F 23026100-087 (2) 23026100-INS (2) 23026100-COL (2) 23026100-S35 34017895F	97018112F 23014020-087 (2) 23014020-S35 34017895F
182T/184T	97016326F 34005899C (4) 23034005-087 23034005-112 23034005-S35 (2) 23030005-JES 34017895F	97016326F 34005899C (4) 23026100-087 23026100-112 23026100-INS (2) 23026100-COL (2) 23026100-S35 34017895F	97016326F 34005899C (4) 23014020-087 23014020-112 23014020-S35 34017895F
213T/215T	97016327F 34005898C (4) 23034006-087 23034006-137 23034006-S35 (2) 23030006-JES 34017895F	97016327F 34005898C (4) 23026100-087 23026100-137 23026100-INS (2) 23026100-COL (2) 23026100-S35 34017895F	97016327F 34005898C (4) 23014030-087 23014030-137 23014030-S35 34018128F

- NOTES: 1. Part numbers are listed in the following order:  
           Base (970XXXXXF)  
           Risers (340XXXXXC) if required  
           Couplings (230XXXX-XXX)  
           Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part num#bers see A1s.315

PART NUMBERS FOR STEEL BASES WITH  
 SPACER COUPLING AND COUPLING GUARD

BEARING FRAMES 32, 39 & 3A

MOTOR FRAME	COUPLING TYPE	
	WOODS (PACO STD)	LOVEJOY TYPE RRS
254T/256T	97016153F 23034008-087 23034008-162 23034008-S35 23030008-E 34016154F	Refer to Engineering
284T/286T	Refer to Engineering	Refer to Engineering
284TS	Refer to Engineering	Refer to Engineering

- NOTES: 1. Part numbers are listed in the following order:  
           Base (970XXXXXF)  
           Risers (340XXXXXC) if required  
           Couplings (230XXXXX-XXX)  
           Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315

PACO PUMPS  
Issued 1/15/85  
Revised 3/12/85  
Revised 11/15/85 ~~AST~~

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PART NUMBERS FOR STEEL BASES WITH  
SPACER COUPLING AND COUPLING GUARD

BEARING FRAMES 44 & 4A

COUPLING TYPE		
MOTOR FRAME	WOODS (STANDARDS)	THOMAS TYPE DBZ-C
143T/145T	Refer To Engineering	
182T/184T	Refer To Engineering	
213T/215T	Refer To Engineering	
254T/256T	97015526F 23034008-125 23034008-162 23034008-S35(2) 23030008-E 34016154F	97015526F 23054163-125 23054163-162 23054163-S35 34016154F
284TS/286TS	97018423F 34013242C(4) 23034008-125 23034008-162 23034008-S35(2) 23030008-E 34016275F	

- NOTES: 1. Part numbers are listed in the following order:  
Base (970XXXXXF)  
Risers (340XXXXXC) if required  
Couplings (230XXXXX-XXX)  
Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see Als.315.

PART NUMBERS FOR STEEL BASES WITH  
 SPACER COUPLING AND COUPLING GUARD

BEARING FRAMES 62, 66, 68, 6A, 6C, 6E & 6F

MOTOR FRAME	COUPLING TYPE		
	WOODS (PACO STD)	FALK TYPE T31	LOVEJOY TYPE RRS
182T/184T	Refer to Engineering	Refer to Engineering	Refer to Engineering
213T/215T	Refer to Engineering	Refer to Engineering	Refer to Engineering
254T/256T	97016328F 34005899C (4) 23034008-137 23034008-162 23034008-S35 (2) 23030008-E 34017814F	Refer to Engineering	Refer to Engineering
284T/286T	97016329F 34005898C (4) 23034009-137 23034009-187 23034009-S35 (2) 23030009-E 34017814F	97015129F 34005898C (4) 23014050-137 23014050-187 23014050-S50 34018270F	Refer to Engineering

- NOTES: 1. Part numbers are listed in the following order:  
           Base (970XXXXXF)  
           Risers (340XXXXXC) if required  
           Couplings (230XXXXX-XXX)  
           Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315.

PART NUMBERS FOR STEEL BASES WITH  
 SPACER COUPLING AND COUPLING GUARD

BEARING FRAMES 62, 66, 68, 6A, 6C, 6E & 6F

MOTOR FRAME	COUPLING TYPE		
	WOODS (PACO STD)	FALK TYPE T31	LOVEJOY TYPE RRS
284TS/286TS	97015031F 34005898C (4) 23034008-137 23034008-162 23034008-S35 (2) 23030008-E 34017814F	Refer to Engineering	Refer to Engineering
324T/326T	97018225F 23034010-137 23034010-212 23034010-S50 (2) 23030010-E 34018271F	Refer to Engineering	Refer to Engineering
324TS/326TS	Refer to Engineering	Refer to Engineering	Refer to Engineering
364TS/365TS	Refer to Engineering	Refer to Engineering	Refer to Engineering

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXF)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315.

PART NUMBERS FOR STEEL BASES WITH  
SPACER COUPLING AND COUPLING GUARD

BEARING FRAMES 82 & 8A  
ALL MODELS EXCEPT 11-80155

MOTOR FRAME	COUPLING TYPE			
	WOODS (PACO STD)	LOVEJOY TYPE RRS	DODGE TYPE PS	FALK TYPE T31
213T/215T	Refer to Engineering	Refer to Engineering	Refer to Engineering	Refer to Engineering
254T/256T	Refer to Engineering	Refer to Engineering	Refer to Engineering	Refer to Engineering
284T/286T	Refer to Engineering	Refer to Engineering	Refer to Engineering	Refer to Engineering
324T/326T	Refer to Engineering	Refer to Engineering	97017893F 34005900C (4) 23043080-212 (2) 23043080-S35 34016555F	Refer to Engineering

NOTES: 1. Part numbers are listed in the following order:

- Base (770XXXXXF)
- Risers (340XXXXXC) if required
- Couplings (230XXXX-XXX)
- Coupling Guard (340XXXXXF)

- 2. All quantities are 1 each unless indicated (x).
- 3. For Drip Pan part numbers see A1s.315.



PACO PUMPS  
 DS 24.2  
 Issued 1/15/85  
 Revised 12/13/85  
 Revised 3/19/86  
 Revised 8/7/86 **FBT**

PART NUMBERS FOR STEEL BASES WITH  
 SPACER COUPLING AND COUPLING GUARD

BEARING FRAMES 82 & 8A  
 ALL MODELS EXCEPT 11-80155

FRAME	COUPLING TYPE			
	WOODS (PACO STD)	LOVEJOY TYPE RRS	DODGE TYPE PS	FALK TYPE T31
324TS/326TS	Refer to Engineering	Refer to Engineering	Refer to Engineering	Refer to Engineering
364T/365T	97018377F 34005989C (4) 23030011-E 23034011-S50(2) 23034011-212 23034011-237 34018378F	Refer to Engineering	Refer to Engineering	Refer to Engineering
364TS/365TS	Refer to Engineering	Refer to Engineering	Refer to Engineering	Refer to Engineering
404T/405T	97018485F 23030012-E 23034012-S70(2) 23034012-212 23034012-287 34018487F	Refer to Engineering	Refer to Engineering	Refer to Engineering
404TS/405TS	97018432F 23030009-HS 23034009-S35(2) 23034009-212(2) 34016589F	Refer to Engineering	Refer to Engineering	Refer to Engineering

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXF)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see Als.315.

PART NUMBERS FOR STEEL BASES WITH  
SPACER COUPLING AND COUPLING GUARD

BEARING FRAMES 82 & 8A  
MODEL 11-80155

MOTOR FRAME	COUPLING TYPE		
	WOODS (PACO STD)	LOVEJOY TYPE RRS	FALK TYPE T31
284T/286T		Refer to Engineering	
324T/326T		Refer to Engineering	
364T/365T		Refer to Engineering	
404T		Refer to Engineering	

- NOTES: 1. Part numbers are listed in the following order:  
Base (970XXXXXF)  
Risers (340XXXXXC) if required  
Couplings (230XXXXX-XXX)  
Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).
3. For Drip Pan part numbers see A1s.315.

DRIP PAN PART NUMBERS  
FOR STEEL BASES

Bearing Frame 10  
Nominal Impeller Diameter 5"

MOTOR FRAME	DRIP PAN PART NUMBER
48	97015689F
56	97015689F
143T/145T	97015689F
182T/184T	97015690F
213T/215T	97015691F

Bearing Frame 10  
Nominal Impeller Diameter 7"

MOTOR FRAME	DRIP PAN PART NUMBER
All	97015690F

Bearing Frame 22 - INACTIVE ECA 3835

MOTOR FRAME	DRIP PAN PART NUMBER
56	97015691F
143T/145T	97015691F
182T/184T	97015691F
213T/215T	97015691F

Bearing Frames 32, 39, & 3A

MOTOR FRAME	DRIP PAN PART NUMBER
56	97015692F
143T/145T	97015692F
182T/184T	97015692F
213T/215T	97015692F
254T/256T	97015693F
284T/286T	97015693F
284TS	97015693F

DRIP PAN PART NUMBERS  
FOR STEEL BASES

Bearing Frames 44 & 4A

<u>MOTOR FRAME</u>	<u>DRIP PAN PART NUMBER</u>
143T/145T	97011057F
182T/184T	97011057F
213T/215T	97011057F
254T/256T	97011059F
284TS/286TS	97011059F

Bearing Frames 62, 66, 68, 6A, 6C, 6E, & 6F

<u>MOTOR FRAME</u>	<u>DRIP PAN PART NUMBER</u>
182T/184T	97015694F
213T/215T	97015694F
254T/256T	97015694F
284T/286T	97015694F
284TS/286TS	97015694F
324T/326T	97015695F
324TS/326TS	97015695F
364TS/365TS	97015695F

Bearing Frames 82 & 8A  
All Models Except 11-80155

<u>MOTOR FRAME</u>	<u>DRIP PAN PART NUMBER</u>
213T/215T	97015696F
254T/256T	97015696F
284T/286T	97015696F
324T/326T	97015697F
364T/365T	97015697F
364TS/365TS	97015697F
404T/405T	97015697F

DRIP PAN PART NUMBERS  
FOR STEEL BASES

Bearing Frames 82 & 8A  
Model 11-80155 Only

<u>MOTOR FRAME</u>	<u>DRIP PAN PART NUMBER</u>
284T/286T	Refer to Engineering
324T/326T	
364T/365T	
404T/405T	

Bearing Frames 90, 9A, 9P, 9Q  
All models except 11-80155

<u>MOTOR FRAME</u>	<u>DRIP PAN PART NUMBER</u>
324T/326T	97015698F
364T/365T	97015698F
404T/405T	97015698F
444T	97015698F
444TS/445TS	97015698F

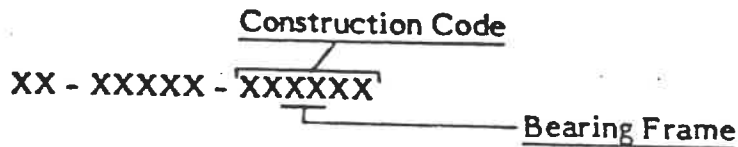
Bearing Frames 9P & 9Q  
Model 11-80155 Only

<u>MOTOR FRAME</u>	<u>DRIP PAN PART NUMBER</u>
364T/365T	Refer to Engineering
404T/405T	
444TS/445TS	

PART NUMBERS FOR  
CAST IRON BASES, COUPLINGS,  
AND COUPLING GUARDS

In order to use these data sheets, you will need the following information:

1. The bearing frame number which is usually designated by the third and fourth digits of the construction code.



2. The motor frame number which can be found on Engr Data A1s.340
3. The nominal impeller diameter (5" or 7") which is required information only for the #10 bearing frame.

PART NUMBERS FOR CAST IRON BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAME 10  
 NOMINAL IMPELLER DIAMETER 5"

MOTOR FRAME	COUPLING TYPE	
	LOVEJOY (PACO STD)	FALK TYPE T10
48	97013137C 34005895C (4) 23027100-074 23027100-050 23027100-INS 34016577F	
56	97013137C 34007025C (4) 23027100-074 23027100-062 23027100-INS 34016577F	
143T/145T	97013138C 34007025C (4) 23027100-074 23027100-087 23027100-INS 34016577F	
182T/184T	97013139C 23027100-074 23027100-112 23027100-INS 34016577F	97013139C 23012020-074 23012020-112 23012020-GRD 34016577F

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXC)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAME 10  
 NOMINAL IMPELLER DIAMETER 7"

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE
		LOVEJOY TYPE L
48	97013140C	97013140C
	34005895C (4)	34005895C (4)
	23031003-074	23027100-074
	23031003-050	23027100-050
	23030003-JES	23027100-INS
	34016577F	34016577F
56	97013140C	97013140C
	34007025C (4)	34007025C (4)
	23031003-074	23027100-074
	23031003-062	23027100-062
	23030003-JES	23027100-INS
	34016577F	34016577F
143T/145T	97013141C	97013141C
	34007025C (4)	34007025C (4)
	23031004-074	23027100-074
	23031004-087	23027100-087
	23030004-JES	23027100-INS
	34016577F	34016577F
182T/184T	97013142C	97013142C
	23031005-074	23027100-074
	23031005-112	23027100-112
	23030005-JES	23027100-INS
	34016582F	34016577F

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXC)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).



PART NUMBERS FOR CAST IRON BASES WITH  
COUPLING AND COUPLING GUARD

BEARING FRAME 22 - INACTIVE ECA 3835

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE
		LOVEJOY TYPE L
56	97013143C	97013143C
	34005896C (4)	34005896C (4)
	23031003-087	23027100-087
	23031003-062	23027100-062
	23030003-JES	23027100-INS
	34016582F	34016582F
143T/145T	97013144C	97013144C
	34005896C (4)	34005896C (4)
	23031004-087 (2)	23027100-087 (2)
	23030004-JES	23027100-INS
	34016582F	34016582F
182T/184T	97013145C	97013145C
	34013242C (4)	34013242C (4)
	23031005-087	23027100-087
	23031005-112	23027100-112
	23030005-JES	23027100-INS
	34016582F	34016582F
213T/215T	97013146C	97013146C
	23031006-087	23027100-087
	23031006-137	23027100-137
	23030006-JES	23027100-INS
	34016563F	34016582F

NOTES: 1. Part numbers are listed in the following order:

Base (970XXXXXC)  
Risers (340XXXXXC) if required  
Couplings (230XXXXX-XXX)  
Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 32, 39 & 3A  
 All Models Except 11-2012, 11-2512, 11-3095, 11-4070, & 11-4095

MOTOR FRAME	COUPLING TYPE		
	WOODS (PACO STD)	LOVEJOY TYPE L	FALK TYPE T10
56	97013147C	97013147C	
	34005896C (4)	34005896C (4)	
	34007025C (4)	34007025C (4)	
	23031003-087	23027100-087	
	23031003-062	23027100-062	
	23030003-JES	23027110-INS	
	34016563F	34016563F	
143T/145T	97013148C	97013148C	
	34005896C (4)	34005896C (4)	
	34007025C (4)	34007025C (4)	
	23031004-087 (2)	23027100-087 (2)	
	23030004-JES	23027100-INS	
	34016563F	34016563F	
182T/184T	97013149C	97013149C	97013149C
	34005899C (4)	34005899C (4)	34005899C (4)
	23031005-087	23027100-087	23012020-087
	23031005-112	23027100-112	23012020-112
	23030005-JES	23027100-INS	23012020-GRD
	34016563F	34016563F	34016941F
213T/215T	97013150C	97013150C	97013150C
	34005898C (4)	34005898C (4)	34005898C (4)
	23031006-087	23027100-087	23012030-087
	23031006-137	23027100-137	23012030-137
	23030006-JES	23027100-INS	23012030-GRD
	34016563F	34016563F	34016941F
254T/256T	97014206C	97014206C	
	23032008-087	23027110-087	
	23032008-162	23027110-162	
	23030008-E	23027110-INS	
	34016567F	34016563F	
284TS	97014207C	97014207C	
	34013242C (4)	34013242C (4)	
	23032008-087	23027110-087	
	23032008-162	23027110-162	
	23030008-E	23027110-INS	
	34016567F	34016583F	

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXC)
- Risers (340XXXXXC) if required
- Couplings (230XXXXX-XXX)
- Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
COUPLING AND COUPLING GUARDBEARING FRAMES 32, 39 & 3A  
Models 11-2012, 11-2512 & 11-4070 Only

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE
		LOVEJOY TYPE L
182T/184T	97013329C	97013329C
	34005895C (4)	34007025C (4)
	34007329C (4)	34007329C (4)
	23031005-087	23027100-087
	23031005-112	23027100-112
	23030005-JES	23027100-INS
	34016583F	34016583F
213T/215T	97013328C	97013328C
	34005895C (4)	34005897C (4)
	23031006-087	23027100-087
	23031006-137	23027100-137
	23030006-JES	23027100-INS
	34016583F	34016583F
	254T/256T	97014206C
34005895C (8)		34005895C (8)
23032008-087		23027110-087
23032008-162		23027110-162
23030008-JES		23027110-INS
34016567F		34016583F

BEARING FRAMES 32, 39 & 3A  
Model 11-3095 Only

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE
		LOVEJOY TYPE L
182T/184T	97013329C	97013329C
	34007025C (4)	34007025C (4)
	34007325C (4)	34007325C (4)
	23031005-087	23027100-087
	23031005-112	23027100-112
	23030005-JES	23027100-INS
	34016583F	34016563F
213T/215T	97013150C	97013150C
	34005897C (4)	34005897C (4)
	34007025C (4)	34007025C (4)
	23031006-087	23027100-087
	23031006-137	23027100-137
	23030006-JES	23027100-INS
	34016942F	34016563F

NOTES: 1. Part numbers are listed in the following order:

Base (970XXXXXC)  
Risers (340XXXXXC) if required  
Couplings (230XXXXX-XXX)  
Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
COUPLING AND COUPLING GUARD

BEARING FRAMES 32, 39 & 3A  
Model 11-4095 Only

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE
		LOVEJOY TYPE L
182T/184T	97013329C	97013329C
	34005897C (4)	34005897C (4)
	34013242C (4)	34013242C (4)
	23031005-087	23027100-087
	23031005-112	23027100-112
	23030005-JES	23027100-INS
	34016583F	34016583F
213T/215T	97013330C	97013330C
	34005897C (4)	34005897C (4)
	23031006-087	23027100-087
	23031006-137	23027100-137
	23030006-JES	23027100-INS
	34016583F	34016583F
254T/256T	97014206C	97014206C
	34005897C (4)	34005897C (4)
	34005900C (4)	34005900C (4)
	23032008-087	23027110-087
	23032008-162	23027110-162
	23030008-E	23027110-INS
	34016888F	34016583F

- NOTES: 1. Part numbers are listed in the following order:  
Base (970XXXXXC)  
Risers (340XXXXXC) if required  
Couplings (230XXXXX-XXX)  
Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 44 & 4A

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE
		LOVEJOY TYPE L
182T/184T	97013415C	97013415C
	34005896C (4)	34005896C (4)
	23031006-125	23027100-125
	23031006-112	23027100-112
	23030006-JES	23027100-INS
	34016941F	34016941F
213T/215T	97013416C	97013416C
	34007025C (4)	34007025C (4)
	23032007-125	23027100-125
	23032007-137	23027100-137
	23030007-JES	23027100-INS
	34018117F	34016941F
254T/256T	97013417C	97013417C
	23032008-125	23027110-125
	23032008-162	23027110-162
	23030008-E	23027110-INS
	34018117F	34016941F
284TS/286TS	97013418C	97013418C
	34013242C (4)	34013242C (4)
	23032008-125	23027110-125
	23032008-162	23027110-162
	23030008-E	23027110-INS
	34018117F	34016942F

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXC)
- Risers (340XXXXXC) if required
- Couplings (230XXXXX-XXX)
- Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 62, 66, 68, 6A, 6C, 6E & 6F  
 All Models except 11-3015, 11-4015, 11-5095, 11-5012 & 11-6095

MOTOR FRAME	COUPLING TYPE	
	WOODS (PACO STD)	LOVEJOY TYPE L, LC
182T/184T	97014531C	97014531C
	23031006-112	23027100-112
	23031006-137	23027100-137
	23030006-JES	23027100-INS
	34016567F	34016567F
213T/215T	97014208C	97014208C
	23032007-137 (2)	23027100-137 (2)
	23030007-JES	23027100-INS
	34016567F	34016567F
254T/256T	97014172C	97014172C
	34005899C (4)	34005899C (4)
	23032008-137	23027110-137
	23032008-162	23027110-162
	23030008-E	23027110-INS
	34016888F	34016567F
284T/286T	97014217C	97014217C
	34005898C (4)	34005898C (4)
	23032009-137	23028150-137
	23032009-187	23028150-187
	23030009-E	23028150-INS
	34017998F	23028150-COL 34016566F
284TS/286TS	97014218C	97014218C
	34005898C (4)	34005898C (4)
	23032008-137	23027110-137
	23032008-162	23027110-162
	23030008-E	23027110-INS
	34016888F	34016888F

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXC)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 62, 66, 68, 6A, 6C, 6E & 6F  
 All Models except 11-3015, 11-4015, 11-5095, 11-5012 & 11-6095

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE	
		LOVEJOY TYPE L, LC	FALK TYPE T10
324T/326T	97014219C	97014219C	97014219C
	23032010-137	23028225-137	23012060-137
	23032010-212	23028225-212	23012060-212
	23030010-E	23028225-INS	23012060-GRD
	34018123F	23028225-COL	34018238F
		34016566F	
324TS/326TS	97014220C	97014220C	
	23032009-137	23028150-137	
	23032009-187	23028150-187	
	23030009-E	23028150-INS	
	34017998F	23028150-COL	
		34016566F	
364TS/365TS	97014188C	97014188C	
	34007025C (4)	34007025C (4)	
	23032010-137	23028225-137	
	23032010-187	23028225-187	
	23030010-E	23028225-INS	
	34018123F	23028225-COL	
		34017998F	

- NOTES: 1. Part numbers are listed in the following order:  
 Base (970XXXXXC)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
2. All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
COUPLING AND COUPLING GUARD

BEARING FRAMES 62, 6A & 6C  
Models 11-3015, 11-5095 & 11-5012 Only

MOTOR FRAME	COUPLING TYPE	
	WOODS (PACO STD)	LOVEJOY TYPE L, LC
213T/215T	97014208C	97014208C
	34007025C (8)	34007025C (8)
	23032007-137 (2)	23027100-137 (2)
	23030007-JES	23027100-INS
	34016888F	34016567F
254T/256T	97014318C	97014318C
	34007025C (4)	34007025C (4)
	23032008-137	23027110-137
	23032008-162	23027110-162
	23030008-E	23027110-INS
	34016568F	34016567F
284T/286T	97014309C	97014309C
	34005896C (4)	34005896C (4)
	23032009-137	23028150-137
	23032009-187	23028150-187
	23030009-E	23028150-INS
	34018123F	23028150-COL
324T/326T	97014219C	97014219C
	34007025C (4)	34007025C (4)
	34005898C (4)	34005898C (4)
	23032010-137	23028225-137
	23032010-212	23028225-212
	23030010-E	23028225-INS
		23028225-COL
	34018123F	34016568F

NOTES: 1. Part numbers are listed in the following order:

- Base (970XXXXXC)
- Risers (340XXXXXC) if required
- Couplings (230XXXXX-XXX)
- Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x).



PART NUMBERS FOR CAST IRON BASES WITH  
 COUPLING AND COUPLING GUARD

BEARING FRAMES 62, 6A & 6C  
 Models 11-4015 & 11-6095 Only

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE
		LOVEJOY TYPE L, LC
254T/256T	97014318C	97014318C
	34005897C (4)	34005897C (4)
	34005898C (4)	34005898C (4)
	23032008-137	23027110-137
	23032008-162	23027110-162
	23030008-E	23027110-INS
	34016889F	34016568F
284T/286T	97014327C	97014327C
	34005898C (4)	34005898C (4)
	23032009-137	23028150-137
	23032009-187	23028150-187
	23030009-E	23028150-INS
		23028150-COL
	34016906F	34016907F
324T/326T	97014362C	97014362C
	23032010-137	23028225-137
	23032010-212	23028225-212
	23030010-E	23028225-INS
		23028225-COL
	34016906F	34016597F

- NOTES:
- Part numbers are listed in the following order:  
 Base (970XXXXXC)  
 Risers (340XXXXXC) if required  
 Couplings (230XXXXX-XXX)  
 Coupling Guard (340XXXXXF)
  - All quantities are 1 each unless indicated (x).

PART NUMBERS FOR CAST IRON BASES WITH  
COUPLING AND COUPLING GUARD

**BEARING FRAMES 82 & 8A**  
All Models except 11-80155

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE	
		LOVEJOY TYPE LC	FALK TYPE T10
213T/215T	97014532C	97014532C	Refer to Engineering
	23032009-137	23028190-137	
	23032009-212	23028190-212	
	23030009-E	23028190-INS	
	34016907F	23028190-COL	
254T/256T	97014221C	97014221C	Refer to Engineering
	34005898C (4)	34005898C (4)	
	23032009-162	23028190-162	
	23032009-212	23028190-212	
	23030009-E	23028190-INS	
284T/286T	34016907F	23028190-COL	Refer to Engineering
	97014222C	34016907F	
	34007330C (4)	97014222C	
	23032009-187	34007330C (4)	
	23032009-212	23028190-187	
324T/326T	23030009-E	23028190-212	Refer to Engineering
	34016906F	23028190-INS	
	97014189C	23028190-COL	
	34005900C (4)	34016907F	
	23032010-212 (2)	97014189C	
364T/365T	23030010-E	34005900C (4)	Refer to Engineering
	34016906F	23028225-212 (2)	
	97014190C	23028225-INS	
	34005898C (4)	23028225-COL	
	23032011-212	34016907F	
404T/405T	23032011-237	N/A	Refer to Engineering
	23030011-E		
	34016906F		
	97014179C		
	23032012-212		
404T/405T	23032012-287	N/A	Refer to Engineering
	23030012-E		
	34018124F		
	97014179C		
	23012070-212		

NOTES: 1. Part numbers are listed in the following order:

Base (970XXXXXC)  
Risers (340XXXXXC) if required  
Couplings (230XXXXX-XXX)  
Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x).

ISSUED 9/22/02

PART NUMBERS FOR CAST IRON BASES WITH  
COUPLING AND COUPLING GUARD

BEARING FRAMES 90, 9A, 9C, 9P & 9Q  
All Models except 11-80155

MOTOR FRAME	WOODS (PACO STD)	COUPLING TYPE	
		LOVEJOY TYPE LC	FALK TYPE T10
254T/256T	97014533C	97014533C	Refer to Engineering
	34005898C (6)	34005898C (6)	
	34007330C (6)	34007330C (6)	
	23032008-162	23028225-162	
	23032008-237	23028225-INS	
	23030008-E	23028225-COL	
	34016891F	34016891F	
284T/286T	97014534C	97014534C	Refer to Engineering
	34005900C (6)	34005900C (6)	
	23032010-187	23028225-187	
	23032010-237	23028225-237	
	23030010-E	23028225-INS	
		23028225-COL	
	34016891F	34016891F	
324T/326T	97014535C	97014535C	Refer to Engineering
	34005900C (6)	34005900C (6)	
	23032010-212	23028225-237	
	23032010-237	23028225-212	
	23030010-E	23028225-INS	
		23028225-COL	
	34016891F	34016891F	
364T/365T	97014536C		97014536C
	34005900C (6)		34005900C (6)
	23032011-237 (2)	N/A	23012070-GRD
	23030011-E		23012070-237 (2)
	34018125F		34016891F
404T/405T	97014537C		97014537C
	34005900C (6)		34005900C (6)
	23032012-237	N/A	23012080-GRD
	23032012-287		23012080-237
	23030012-E		23012080-287
	34018125F		34016891F

NOTES: 1. Part numbers are listed in the following order:

Base (970XXXXXC)  
Risers (340XXXXXC) if required  
Couplings (230XXXXX-XXX)  
Coupling Guard (340XXXXXF)

2. All quantities are 1 each unless indicated (x).

CAST IRON BASES  
 UNITYPE END SUCTION PUMPS

Pump Model	Motor Frame	C.I. Base P/N	Riser P/N (Qty)
1070	56C 143JM thru 213JM	97007020C 97117001C	— —
1250	56C	97007020C	—
1270	56C 143JM thru 215JM	97007020C 97117001C	— —
1550	56C 145TC thru 184TC	97007020C 97117001C	— —
1570	56C 143JM thru 215JM 254JMZ	97007020C 97117001C 97008967C	— — —
1595	143JM thru 215JM 254JM/256JM 284JM	97117001C 97008967C 97008968C	— — —
2050	56C 145TC thru 184TC	97007020C 97117001C	— —
2070	56C 143JM thru 215JM 254JMZ/256JMZ	97007020C 97117001C 97008967C	— — —
2095	145JM thru 215JM 254JM/256JM 284JM/286JM 324JM/326JM	97117001C 97008967C 97008968C 97008969C	— — — —
2012	184JM thru 215JM 213JMZ/215JMZ 254JM	97117001C 97008543C 97008967C	— — —
2570	143JM thru 215JM 254JM/256JM 284JM	97117001C 97008967C 97008968C	— — —
2595	182JM thru 215JM 254JM/256JM 284JM/286JM 324JM/326JM 364JMZ	97117001C 97008967C 97008968C 97008969C 97008970C	— — — — —

CAST IRON BASES  
 UNITYPE END SUCTION PUMPS

Pump Model	Motor Frame	C.I. Base P/N	Riser P/N (Qty)
4015	256JM	97239401C	----
	284JM/286JM		Refer to Engineering
	324JM/326TC	97008969C	34005900C (4)
	364TC/365TC	97008970C	34005900C (4) 34005898C (4)
5095-7	215JMZ	97008543C	34005897C (4)
	254JM/256JM	97239401C	----
	284JM/286JM	97008968C	34005898C (4) 34005900C (4)
5012	215JMZ	97008543C	34007025C (4)
	254JM/256JM	97008967C	34005897C (4)
	284JM/286JM	97008968C	34005900C (4)
	324JM/326JM	97008969C	34005898C (4) 34007025C (4)
5015	284TC/286TC	----	Refer to Engineering
	324TC/326TC	97008969C	34005898C (4)
	364TC/365TC	97008970C	34005900C (4)
	404TC	97008971C	34005898C (4) 34005900C (4)
6095	254JM/256JM	97239401C	----
	284JM/286JM	97239501C	34005898C (4)
	324JM	97008969C	34005898C (4) 34005900C (4)
6012-1	254JM/256JM	97008967C	34005897C (4)
	284JM/286JM	97008968C	34005900C (4)
	324JM/326TC	97008969C	34005895C (4)
	364TC/365TC	97008970C	34006983C (4)
6012-3	254JM/256JM		Refer to Engineering
	284JM/286JM		Refer to Engineering
	324JM/326TC	97239701C	----
6015	364TC/365TC	97008970C	34005898C (4)
	404TC/405TC	97008971C	34005898C (4)
	284TC/286TC		Refer to Engineering
	324TC/326TC	97008969C	34005895C (4)
8012-3	364TC/365TC	97008970C	34005900C (4)
	404TC/405TC	97008971C	34005898C (4)
	284TC/286TC		Refer to Engineering
	324TC/326TC		Refer to Engineering

PACO PUMPS

DS24.2

Issued 2/28/85

Revised 3/20/86

Revised 1/22/87

ENGR. DATA A5s.102

SEAL P/N

PRODUCT CODE 37 & 38

OL TWO STAGE PUMPS

CONSTR. CODE	PART NAME	CONSTRUCTION CODE			
		1 - - - -	2 - - - -	6 - - - -	7 - - - -
-3- - - 1	Seal Head Seal Seat	14009951CR1 14008753	14013207CR1 14013455	14013207CR1 14011672	14009951CR1 14008717
-3- - - 5	Seal Head Seal Seat	14009954CR1 14008753	14015432CR1 14013455	14015432CR1 14011672	14009954CR1 14008717
-B- - - 1	Seal Head Seal Seat	14010222CR1 14010245	14015293CR1 14015294	14015293CR1 14015296	14010222CR1 14015593
-B- - - 5	Seal Head Seal Seat	14015299CR1 14010245	14015300CR1 14015294	14015300CR1 14015296	14015299CR1 14015593

SLEEVE, SLINGER, & MOTOR P/NS  
PRODUCT CODE 37 & 38  
OL TWO STAGE PUMPS

PRODUCT CODE 37

CONSTRUCTION CODE	SLEEVE P/N	SLINGER P/N	MOTOR P/N
- 3000 -	05004897B	13006332G	65XXXX (65J)
- 3001 -	05004897H303	13006332G	65XXXX (65J)
- B000 -	05013270B	13017070G8	65XXXX (65K)
- B001 -	05013270H303	13017070G8	65XXXX (65K)

PRODUCT CODE 38

CONSTRUCTION CODE	SLEEVE P/N
- 34A6 -	Not Required
- B6FO -	05013270B
- B6F1 -	05013270H303

PACO PUMPS  
DS 24.2  
Issued 2/26/85  
Revised 3/20/86 *(add)*

ENGR. DATA A4S.102

SEAL P/N

PRODUCT CODE 39

OLN LOW NPSH PUMPS

PUMP MODEL	CONSTR. CODE	SEAL HEAD	SEAL SEAT
10707	230001	14015904CR2	14013455
	234A61	14013207CR1	14013455
	630001	14015904CR2	14011672
	634A61	14013207CR1	14011672
15703	23 - - - 1	14013207CR1	14013455
	63 - - - 1	14013207CR1	14011672
ALL	2B - - - 1	14015293CR1	14015294
	6B - - - 1	14015293CR1	14015296



MOTOR P/N & SLEEVE P/N  
PRODUCT CODE 12  
LN LOW NPSH PUMPS

CONSTR. CODE	MOTOR P/N	SLEEVE P/N	MOTOR FOOT B/M
- 0 - - - -	65XXXX (65D)	N/R	N/R
- 1 - - - -	65XXXX (65R)	N/R	N/R
- 3 - - - -	65XXXX (65V)	05017547B	108790

N/R = Not Required

PACO PUMPS  
DS24.2  
Supersedes 7/13/78  
Issued 2/26/85  
Revised 3/25/85  
Revised 5/17/85 *DL*

ENGR. DATA A4s.201

SLEEVE, SLINGER, & MOTOR P/Ns  
PRODUCT CODE 39  
OLN LOW NPSH PUMPS

PUMP MODEL	CONSTR. CODE	SLEEVE P/N	SLINGER P/N	MOTOR P/N
10707	- 30001	05015070B	13006332G	65XXXX (65J)
15703	- 30001	05004897B	13006332G	65XXXX (65J)
All	- B0001	05013270B	13017070G8	65XXXX (65K)

CONSTR. CODE	SLEEVE P/N
- 34A61	None Required
- B6FO1	05013270B