

REPAIR PARTS

R36/3756 R3



3656/3756
S, M & L-Group

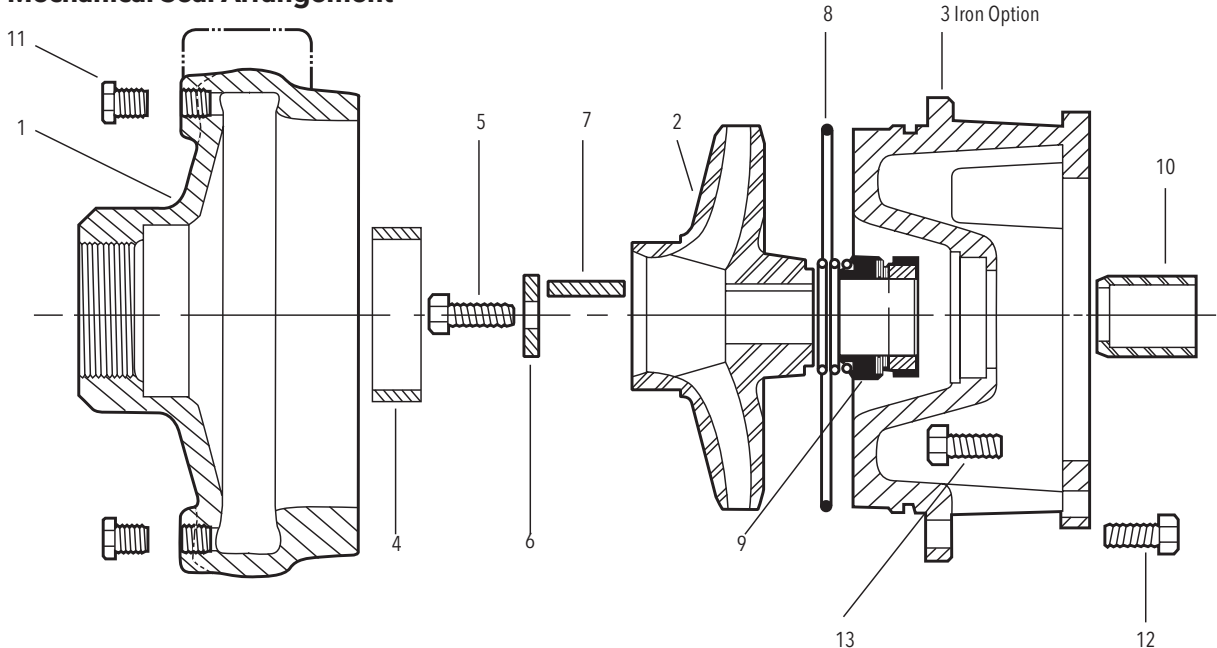
REPAIR PARTS



PUMP END PARTS FOR CLOSE-COUPLED OR FRAME MOUNTED CONFIGURATION 3656/3756 S-Group

Note: For S-Group power frame individual parts see S-Group Power Frame repair parts page, RSPFRAME.

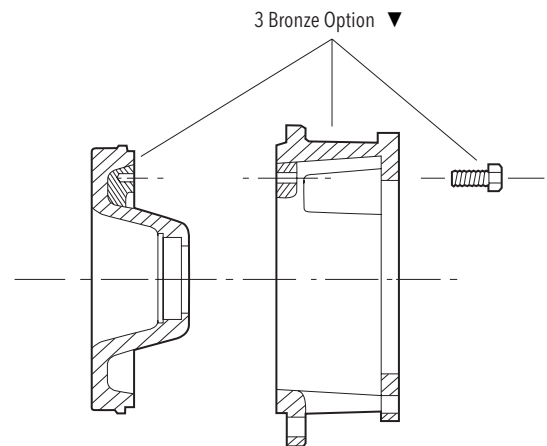
Mechanical Seal Arrangement



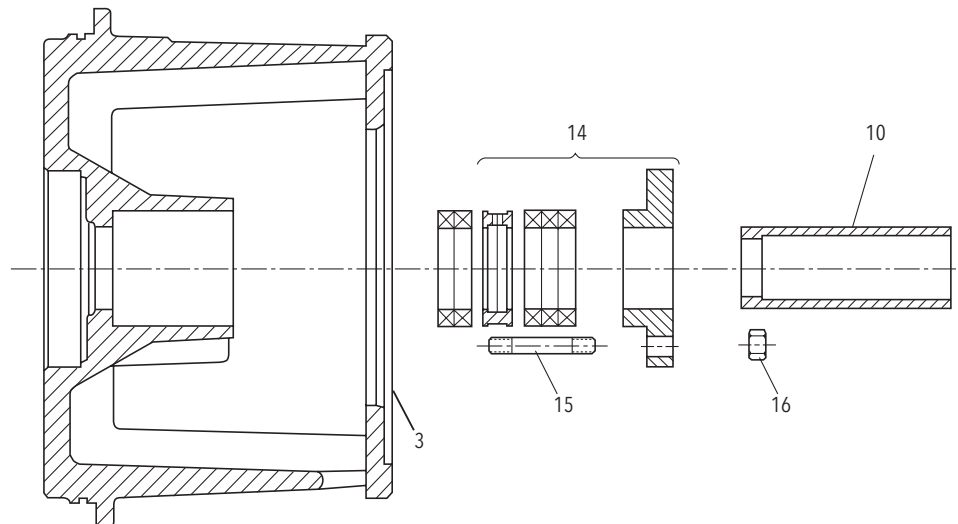
NOTE:

Check pump and motor nameplates before ordering impellers. Select proper part by determining pump size, material, motor type and HP. Pump size 1½" x 2-8 after October 1987 will have nameplate index - 1 (19; 5BF11135-1, with 6½" impeller) indicating new impeller sizes, consult curves with price sheets. Prior to October 1987, order old style impeller from list on back. Consult factory when ordering repair parts for pumps having a factory order number as the index number.

▼ All bronze models produced after December, 1987 have cast iron motor adapters and bronze seal housings. When ordering motor adapters for repairs, order "K" number listed by pump size, construction and motor frame size. These motor adapter assemblies are interchangeable with old style one piece adapter.



Packed Box Arrangement 140JP - 180JP & 210 TCZ (west coast fit)



PUMP END PARTS FOR CLOSE-COUPLED WITH 140JM, 180JM, 210JM (MECHANICAL SEAL) 140JP, 180JP, 210TCZ (PACKED BOX) 3656/3756 S-Group

Item No.	Part Description		Material	Repair Part No.									
				22BF	9BF	3AI/BF/AB	3AIH/BFH/ABH	5AI/BF/AB	4AI/BF/AB	6AI/BF			
				1 x 2-7	1 x 2-8	1½ x 2-6	1½ x 2-6H	1½ x 2-8	2½ x 3-7	3 x 4-7			
							OLD*	NEW	OLD**	REPAIR KIT***	NEW		
1	Casing		Cast Iron	1K365	1K612	1K98		1K102	1K100		1K128		1K1133
			Bronze			1K99		1K103	1K101		1K129		
2	Impeller		Cast iron			2K124 (4.75)	2K154 (5.62)	2K344 (5.75)	2K741 (4.12)	2K1120 (7.06)	2K233 (4.69)	6AIK1469	2K1323 (4.69)
						2K122 (5.12)	2K152 (5.94)	2K768 (6.12)	2K740 (4.75)	2K1111 (6.88)	2K232 (5.12)	6AIK1512	2K1322 (5.12)
						2K120 (5.62)		2K343 (6.25)	2K739 (4.94)	2K1112 (6.56)	2K230 (5.50)	6AIK1550	2K1321 (5.50)
						2K118 (5.94)		2K342 (6.75)	2K738 (5.25)	2K1113 (6.00)	2K229 (6.38)	6AIK1638	2K1320 (6.38)
					2K341 (7.00)	2K737 (5.44)		2K1114 (5.69)	2K324 (7.06)	6AIK1	2K1324 (7.06)		
					2K340 (7.62)	2K736 (5.62)		2K1115 (5.44)			2K1325 (6.00)		
					2K339 (7.75)	2K735 (5.88)	2K1116 (5.19)						
					2K338 (8.06)	2K734 (6.38)	2K1117 (4.75)						
					2K733 (6.75)	2K1118 (4.50)							
					2K732 (7.06)	2K1119 (4.06)							
			Sil-Brass	2K815 (3.81)	2K767 (5.12)	2K125 (4.75)	2K155 (5.62)	2K769 (6.12)	2K751 (4.12)	2K1023 (7.06)	2K238 (4.69)	6BFK1469	2K1329 (4.69)
				2K814 (4.06)	2K765 (5.38)	2K123 (5.12)	2K153 (5.94)	2K351 (5.75)	2K750 (4.75)	2K1102 (6.88)	2K237 (5.12)	6BFK1512	2K1328 (5.12)
				2K813 (4.38)	2K763 (6.19)	2K121 (5.62)		2K350 (6.25)	2K749 (4.94)	2K1103 (6.56)	2K235 (5.50)	6BFK1550	2K1327 (5.50)
				2K812 (4.56)	2K761 (6.50)	2K119 (5.94)		2K349 (6.75)	2K748 (5.25)	2K1104 (6.00)	2K234 (6.38)	6BFK1638	2K1326 (6.38)
				2K811 (4.81)	2K759 (7.00)			2K348 (7.00)	2K747 (5.44)	2K1105 (5.69)	2K325 (7.06)	6BFK1	2K1330 (7.06)
				2K810 (5.06)	2K757 (7.31)			2K347 (7.62)	2K746 (5.62)	2K1106 (5.44)			2K1331 (6.00)
				2K809 (5.50)	2K755 (7.62)		2K346 (7.75)	2K745 (5.88)	2K1107 (5.19)				
				2K808 (5.75)	2K753 (8.06)		2K345 (8.06)	2K744 (6.38)	2K1108 (4.75)				
					2K807 (6.00)				2K743 (6.75)	2K1109 (4.50)			
				2K806 (6.44)	2K742 (7.06)				2K1110 (4.06)				
				2K805 (6.75)									
3	Motor adapter – seal 140-180JM and frame mounted		Cast iron	1K118	1K114	1K110	1K110	1K114	1K118		1K118		
			Sil-Brass			1K111	1K111	1K115	1K119		1K119		
	(210JM), (256TCZ)		Cast iron	1K120	1K116	1K112	1K112	1K116	1K120		1K120		
			Sil-Brass			1K113	1K113	1K117	1K121		1K121		
	Motor adapter - packing (140-180J) and frame mounted		Cast iron	1K369	1K371	1K367	1K367	1K371	1K369		1K369		
			Cast iron	1K370	1K372			1K372	1K370		1K370		
4	Casing wear ring		Cast iron	4K67					4K69†		4K263		4K1247
			Bronze	4K68					4K70†		4K264		4K1249
5	Impeller bolt		AISI 303SS	13K43									
6	Impeller washer			13L39									
7	Impeller key			4K11									
8	Casing o-ring		BUNA	5K4	5K74	5K73		5K74	5K4				
			EPR	5K193	5K192	5K194		5K192	5K193				
			Viton	5K206	5K205	5K207		5K205	5K206				
9	Seal assembly	Carbon/ceramic BUNA	10K13										
		Carbon/sil-carb. EPR	10K19										
		Carbon/sil-carb. viton	10K27										
		Sil-carb./sil-carb./viton	10K64										
10	Shaft sleeve – mechanical seal		300SS	4K66									
	Shaft sleeve – packed box		300SS	4K473									
11	¼" pipe plug (casing)		Zinc Plated Steel	6K2 (Quantity 4)									
			Bronze	6K42 (Quantity 4)									
12	Hex head screw (casing)		Zinc	13K69 (Quantity 8)									
13	Hex head screw (motor adapter)	(140 – 180) (210)	Plated Steel	13K69 (Quantity 4)									
				13K102									
14	Packed box kit includes – gland		316SS	15K16									
	Packing and lantern		Teflon	15K16									
15	Gland stud (quantity 2)		300SS	13K295									
16	Gland nut (quantity 2)		300SS	13K262									

NOTES: Casing includes plugs. Impeller bolt and shaft sleeve must be removed. When replacing, bond and seal shaft sleeve and impeller bolt to shaft with Loctite AL27121.

*2½ x 3-7 pumps built after April 1, 2006 are supplied with new style impeller. Old style impeller numbers are listed for reference only. Use NEW numbers for repairs.

†2½ x 3-7 use two casing wear rings, same front and back.

‡1750 RPM only.

**3X4-7 pumps built after January 6, 2020 are supplied with the new style part. Old style numbers are listed for reference only. Performance characteristics change.

***For pumps built prior to January 6, 2020, please order Repair Kit in middle column which includes new impeller, casing & wear ring.

PUMP END PARTS FOR CLOSE-COUPLED OR FRAME MOUNTED CONFIGURATION 3656/3756 M & L-Group

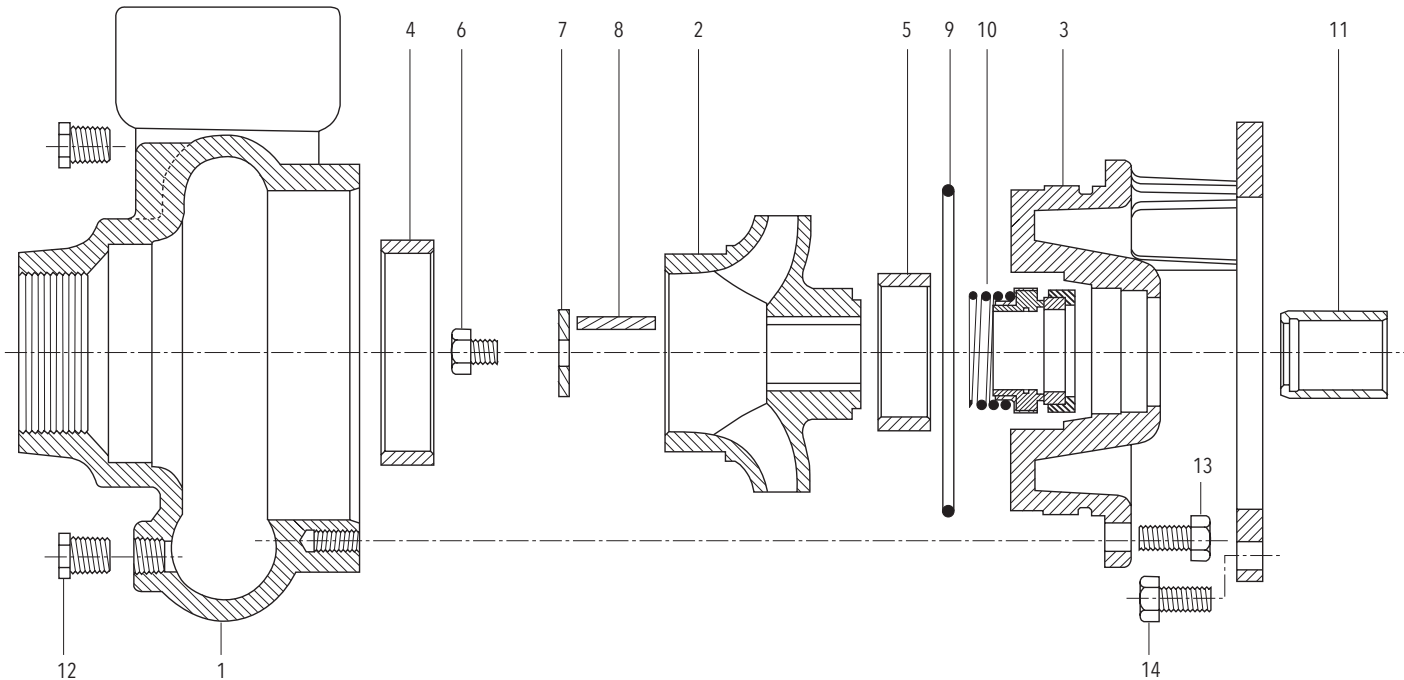
Note: For M & L-Group power frame individual parts see M & L-Group Power Frame repair parts pages:

RMPFRAME - M-Group

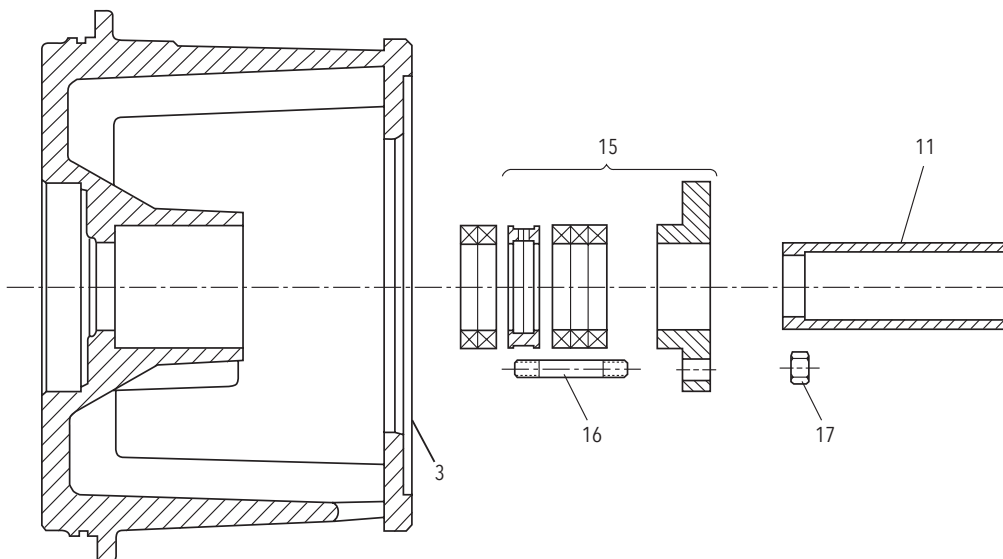
RLPFRAME - L-Group

RSAFRAME - M and L SAE Frames

Mechanical Seal Arrangement



Packed Box Arrangement 250JP - 360 TCZ, Frame Mount and SAE Drive 250JP - 445TCZ, Close-Coupled



PUMP END PARTS FOR CLOSE-COUPLED WITH 140JM, 180JM, 210JM (MECHANICAL SEAL), 140JP, 180JP, 210TCZ (PACKED BOX)

(All pumps in this section have a 7/8" Diameter Impeller Hub Bore)

3656/3756 M-Group

Item No.	Part Description	Material	Repair Part No.								
			7 AI/BF	16 AI/BF	10 AI/BF		8 AI/BF	11 AI/BF	12 AI/BF	21BF	
			2½ x 3 - 8	3 x 4 - 8	4 x 5 - 8		1½ x 2 -10	2½ x 3 - 10	3 x 4 - 10	2½ x 3 - 9	
					OLD*	REPAIR KIT**	NEW				
1	Casing	Cast Iron	1K130	1K316	1K238		1K1129	1K132	1K236	1K237	1K236
2	Impeller	Cast Iron	8⅞ 2K573	8⅞ 2K673	2K589 (8.06)	10AIK2	2K1361 (8.06)	10⅞ 2K609	10⅞ 2K665	10⅞ 2K633	
			7⅝ 2K575	7⅞ 2K675	2K591 (7.88)	10AIK2788	2K1362 (7.88)	9⅞ 2K611	9⅞ 2K667	9¾ 2K635	
			7⅞ 2K577	6¾ 2K677	2K593 (7.75)	10AIK2775	2K1363 (7.75)	8⅞ 2K613	9⅞ 2K669	9 2K637	
			7¾ 2K579	6⅞ 2K679	2K595 (7.50)	10AIK2750	2K1364 (7.50)	7¾ 2K615	9 2K671	8⅞ 2K639	
			6⅜ 2K581	5⅝ 2K681	2K597 (7.25)	10AIK2725	2K1365 (7.25)	7⅞ 2K617	8⅞ 2K623	8⅞ 2K641	
			6½ 2K583	5½ 2K683	2K599 (7.00)	10AIK2700	2K1366 (7.00)	7¼ 2K619	8¼ 2K625	7⅞ 2K643	
			6⅝ 2K585	5⅞ 2K685	2K601 (6.75)	10AIK2675	2K1367 (6.75)	7 2K621	8 2K627		
			6⅞ 2K587	4⅞ 2K687	2K603 (6.50)	10AIK2650	2K1368 (6.50)		7⅞ 2K629		
					2K605 (6.06)	10AIK2606	2K1369 (6.06)		7⅞ 2K631		
					2K607 (5.75)	10AIK2757	2K1370 (5.75)				
						10AIK2688	2K1371 (6.88)				
		Sil-Brass	8⅞ 2K574	8⅞ 2K674	2K590 (8.06)	10BFK1	2K1372 (8.06)	10⅞ 2K610	10⅞ 2K666	10⅞ 2K634	10⅞ 2K1010
			7⅝ 2K576	7⅞ 2K676	2K592 (7.88)	10BFK1788	2K1373 (7.88)	9⅞ 2K612	9⅞ 2K668	9¾ 2K636	9⅞ 2K1011
			7⅞ 2K578	6¾ 2K678	2K594 (7.75)	10BFK1775	2K1374 (7.75)	8⅞ 2K614	9⅞ 2K670	9 2K638	9½ 2K1012
			7¾ 2K580	6⅞ 2K680	2K596 (7.50)	10BFK1750	2K1375 (7.50)	7¾ 2K616	9 2K672	8⅞ 2K640	9¼ 2K1013
			6⅜ 2K582	5⅝ 2K682	2K598 (7.25)	10BFK1725	2K1376 (7.25)	7⅞ 2K618	8⅞ 2K624	8⅞ 2K642	8⅝ 2K1014
			6½ 2K584	5½ 2K684	2K600 (7.00)	10BFK1700	2K1377 (7.00)	7¼ 2K620	8¼ 2K626	7⅞ 2K644	8½ 2K1015
			6⅝ 2K586	5⅞ 2K686	2K602 (6.75)	10BFK1675	2K1378 (6.75)	7 2K622	8 2K628		8⅞ 2K1016
			6⅞ 2K588	4⅞ 2K688	2K604 (6.50)	10BFK1650	2K1379 (6.50)		7⅞ 2K630		8 2K1017
					2K606 (6.06)	10BFK1606	2K1380 (6.06)		7⅞ 2K632		7⅞ 2K1018
					2K608 (5.75)	10BFK1575	2K1381 (5.75)				
						10BFK1688	2K1382 (6.88)				
3	Motor adapter 140-180JM	Cast Iron	1K114					1K319			
	-Seal 210JM		1K116					1K320			
	Motor adapter 140-180JP		1K371					1K381			
	-Packing 210TCZ		1K372					-			
4	Front wear ring	Cast Iron	4K265	4K350	4K352		4K1246	4K267	4K265	4K350	
		Bronze	4K266	4K351	4K353		4K1245	4K268	4K266	4K351	4K266
5	Back wear ring	Cast Iron	-	-	-	-	-	-	-	-	
		Bronze	-	-	-	-	-	-	-	-	
6	Impeller bolt	AISI 303 SS	13K43								
7	Impeller washer		13L39								
8	Square key		4K11								
9	O-ring	BUNA	5K74					5K155			
		Viton	5K205					5K208			
		EPR	5K192					5K318			
10	Seal assembly Carbon/ceramic	BUNA	10K13								
	Carbon/Sil-carb.	EPR	10K19								
	Carbon/Sil-carb.	Viton	10K27								
	Sil-carb./Sil-carb.	Viton	10K64								
11	Shaft sleeve	300 SS	4K66								
	Seal packing		4K473								
12	¾" NPT plug	Zinc	6K2			6K3					
13	Casing HD screw (Quantity 8)	Plated Steel	13K69								
14	Motor screw (Quantity 4)	Steel	13K69 (140 & 180 JM/JP) and 13K102 (250 JM/JP & Frame)								
15	Packed box kit includes: Gland Packing & lantern ring	316 SS	15K16								
		Teflon									
16	Stud, gland (Quantity 2)	300 SS	13K295								
17	Hex nut, gland (Quantity 2)	300 SS	13K262								
	Loctite #271		AL27121								

*4X5-8 pumps built after January 6, 2020 are supplied with the new style part. Old style numbers are listed for reference only. Performance characteristics change.

**For pumps built prior to January 6, 2020, please order Repair Kit in middle column which includes new impeller, casing & wear ring.

PUMP END PARTS FOR CLOSE-COUPLED WITH 250JM-360TCZ (MECHANICAL SEAL), 210JP-445TCZ (PACKED BOX) AND ALL FRAME MOUNTED CONFIGURATION 3656/3756 M-Group

Note: For M & L-Group power frame individual parts, see M & L-Group Power Frame repair parts page.

Item No.	Part Description	Material	Repair Part No.												
			7 AI/BF	16 AI/BF	10 AI/BF			8 AI/BF	11 AI/BF	12 AI/BF	17BF	21BF			
			2½ x 3-8	3 x 4-8	4 x 5-8			1½ x 2-10	2½ x 3-10	3 x 4-10	4 x 6-10	2½ x 3-9			
					OLD**	REPAIR KIT***	NEW								
1	Casing	Cast Iron	1K130	1K316	1K238		1K1129	1K132	1K236	1K237	1K351	1K236			
2	Impeller	Cast Iron	7⅞ 2K168	8⅞ 2K689	2K645 (8.06)	10AIK1	2K1335 (8.06)	9⅞ 2K176	10⅞ 2K370	10⅞ 2K395					
			7⅞ 2K170	7⅞ 2K691	2K647 (7.88)	10AIK1788	2K1336 (7.88)	8⅞ 2K178	9⅞ 2K371	9⅞ 2K396					
			6⅞ 2K172	6⅞ 2K693	2K649 (7.75)	10AIK1775	2K1337 (7.75)	7⅞ 2K180	9⅞ 2K372	9 2K397					
			6⅞ 2K174	6⅞ 2K695	2K651 (7.50)	10AIK1750	2K1338 (7.50)	7 2K182	9 2K373	8⅞ 2K398					
			6⅞ 2K480	5⅞ 2K697	2K653 (7.25)	10AIK1725	2K1339 (7.25)	10⅞ 2K490	8⅞ 2K374	8⅞ 2K399					
			7⅞ 2K482	5½ 2K699	2K655 (7.00)	10AIK1700	2K1340 (7.00)	7⅞ 2K492	8¼ 2K375	7⅞ 2K400					
				5⅞ 2K701	2K657 (6.75)	10AIK1675	2K1341 (6.75)	7¼ 2K468	8 2K376						
				4⅞ 2K703	2K659 (6.50)	10AIK1650	2K1342 (6.50)		7⅞ 2K377						
					2K661 (6.06)	10AIK1606	2K13423 (6.06)		7⅞ 2K378						
					2K663 (5.75)	10AIK1575	2K1344 (5.75)								
							2K1346 (6.19)								
							2K1347 (6.88)								
							2K1345 (7.38)								
		Sil-Brass	7⅞ 2K169	8⅞ 2K690	2K646 (8.06)	10BFK1	2K1348 (8.06)	9⅞ 2K177	10⅞ 2K379	10⅞ 2K401	10⅞ 2K816	10⅞ 2K1001			
			7⅞ 2K171	7⅞ 2K692	2K648 (7.88)	10BFK1788	2K1349 (7.88)	8⅞ 2K179	9⅞ 2K380	9⅞ 2K402	9⅞ 2K818	9⅞ 2K1002			
			6⅞ 2K173	6⅞ 2K694	2K650 (7.75)	10BFK1775	2K1350 (7.75)	7⅞ 2K181	9⅞ 2K381	9 2K403	9⅞ 2K820	9½ 2K1003			
			6⅞ 2K175	6⅞ 2K696	2K652 (7.50)	10BFK1750	2K1351 (7.50)	7 2K183	9 2K382	8⅞ 2K404	8⅞ 2K822	9¼ 2K1004			
			6⅞ 2K481	5⅞ 2K698	2K654 (7.25)	10BFK1725	2K1352 (7.25)	10⅞ 2K491	8⅞ 2K383	8⅞ 2K405	8⅞ 2K824	8⅞ 2K1005			
			7⅞ 2K483	5½ 2K700	2K656 (7.00)	10BFK1700	2K1353 (7.00)	7⅞ 2K493	8¼ 2K384	7⅞ 2K406	7⅞ 2K826	8½ 2K1006			
				5⅞ 2K702	2K658 (6.75)	10BFK1675	2K1354 (6.75)	7¼ 2K469	8 2K385	9⅞ * 2K831		8⅞ 2K1007			
				4⅞ 2K704	2K660 (6.50)	10BFK1650	2K1355 (6.50)		7⅞ 2K386	8⅞ * 2K832		8 2K1008			
					2K662 (6.06)	10BFK1606	2K1356 (6.06)		7⅞ 2K387	8⅞ * 2K833		7⅞ 2K1009			
					2K664 (5.75)	10BFK1575	2K1357 (5.75)			8⅞ * 2K834					
							2K1359 (6.19)			7⅞ * 2K835					
							2K1360 (6.88)	7⅞ * 2K836		7⅞ * 2K837	7⅞ * 2K838	6⅞ * 2K839			
							2K1358 (7.38)								
			3	Motor adapter – seal 210TCZ-250JM & frame mounted, 280JM-360TCZ	Cast Iron	1K136	1K317	1K317			1K138				
				1K242		1K318	1K318			1K243					
Motor adapter – packing 210JP-250JP & frame mounted, 280JP-360TCZ	1K357	1K358		1K358			1K355								
1K359	1K360	1K360					1K356		-	1K356					
4	Front wear ring	Cast Iron	4K265	4K350	4K352		4K1246	4K267	4K265	4K350	-				
		Bronze	4K266	4K351	4K353		4K1245	4K268	4K266	4K351	4K363	4K265			
5	Back wear ring	Cast Iron	4K265	4K350	4K350			4K265	4K265	-	-				
		Bronze	4K266	4K351	4K351			4K266	4K266	4K266*	4K351	4K265			
6	Impeller bolt	AISI 303 SS	13K155 (SAE Drive use 13K341)												
7	Impeller washer		13K241												
8	Square key		4K261												
9	O-ring	BUNA	5K74					5K155							
		Viton	5K205					5K208							
		EPR	5K192					5K318							
10	Seal assembly Carbon/ceramic	BUNA	10K16												
	Carbon/Sil-carb.	EPR	10K20												
	Carbon/Sil-carb.	Viton	10K45												
	Sil-carb./Sil-carb.	Viton	10K65												
11	Shaft sleeve, mech. seal	SS	4K262												
	Shaft sleeve, packed box	SS	4K455												
12	¾" NPT plug (Quantity 2)	Zinc Plated Steel	6K2		6K3										
13	Casing HD screw (Quantity 8)		13K69												
14	Motor screw (Quantity 4)		13K102 (250 JM/JP & frame mounted) 13K247 (280 JM/JP & larger)												
15	Packed box kit includes: Gland	316SS	15K3												
	Packing & lantern ring	Teflon													
16	Stud, gland (Quantity 2)	300 SS	13K291												
17	Hex nut, gland (Quantity 2)	300 SS	13K292												
	Loctite #271		AI27121												

* 3500 RPM units ** 4X5-8 pumps built after January 6, 2020 are supplied with the new style part. Old style numbers are listed for reference only. Use NEW impellers for repair.

*** For pumps built prior to January 6, 2020, please order Repair Kit in middle column which includes new impeller, casing & wear ring.

PUMP END PARTS FOR CLOSE-COUPLED WITH 250JM-360TCZ (MECHANICAL SEAL), 210JP-445TCZ (PACKED BOX) AND ALL FRAME MOUNTED CONFIGURATION 3656/3756 M-Group

Note: For M & L-Group power frame individual parts, see M & L-Group Power Frame repair parts page.

Item No.	Part Description	Material	Repair Part No.			
			13 AI/BF		14 AI/BF	15 AI/BF
			2½ x 3-13		3 x 4-13	4 x 6-13
			M-Group		M-Group	M-Group
			OLD*	NEW		
1	Casing	Cast Iron	2K407 (13.06)	2K1301 (13.06)	1K240	1K479
2	Impeller	Cast Iron	2K408 (12.75)	2K1302 (12.75)	13⅜ 2K419	13⅜ 2K979
			2K409 (11.88)	2K1303 (11.75)	12⅞ 2K420	12⅞ 2K443
			2K410 (11.38)	2K1304 (11.25)	12⅝ 2K421	12½ 2K444
			2K411 (9.88)	2K1305 (10.25)	12 2K422	12¼ 2K445
			2K412 (9.38)	2K1306 (9.50)	11¾ 2K423	11⅞ 2K446
				2K1307 (12.25)	11⅝ 2K424	11⅞ 2K447
				2K1308 (10.75)	10¾ 2K425	11⅞ 2K448
					10⅞ 2K426	10⅞ 2K449
					9⅞ 2K427	10½ 2K450
					8⅞ 2K428	10¼ 2K451
			8 2K429		9⅞ 2K452	
			7⅞ 2K430	9⅜ 2K453		
			Sil-Brass	2K413 (13.06)	2K1309 (13.06)	13⅜ 2K431
		2K414 (12.75)		2K1310 (12.75)	12⅞ 2K432	12⅞ 2K454
		2K415 (11.88)		2K1311 (11.75)	12⅞ 2K433	12½ 2K455
		2K416 (11.38)		2K1312 (11.25)	12 2K434	12¼ 2K456
		2K417 (9.88)		2K1313 (10.25)	11¾ 2K435	11⅞ 2K457
		2K418 (9.38)		2K1314 (9.50)	11⅝ 2K436	11⅞ 2K458
				2K1315 (12.25)	10¾ 2K437	11⅞ 2K459
				2K1316 (10.75)	10⅞ 2K438	10⅞ 2K460
					9⅞ 2K439	10½ 2K461
					8⅞ 2K440	10¼ 2K462
		8 2K441			9⅞ 2K463	
		7⅞ 2K442		9⅜ 2K464		
		3	Motor adapter – seal 210TCZ-250JM and frame mounted	Cast Iron	1K244	
280JM-360TCZ	1K245					
Motor adapter – packing 210JP-250JP and frame mounted	1K361					
280JP-360TCZ	1K362					
4	Front wear ring	Cast Iron	4K265		4K350	4K362
		Bronze	4K266		4K351	4K363
5	Back wear ring	Cast Iron	4K350		4K350	4K350
		Bronze	4K351		4K351	4K351
6	Impeller bolt	AISI 303 SS	13K155			
7	Impeller washer		13K241			
8	Square key		4K261			
9	O-ring	BUNA	5K199			
		Viton	5K209			
10	Seal assembly	BUNA	10K16			
	Carbon/ceramic		10K20			
	Carbon/Sil-carb.		10K45			
	Carbon/sil-carb.		10K65			
11	Shaft sleeve, mech. seal	SS	4K262			
	Shaft sleeve, packed box	SS	4K455			
12	⅜" NPT plug (Quantity 2)	Zinc	6K3			
13	Casing HD screw (Quantity 8)	Plated	13K102			
14	Motor screw (Quantity 4)	Steel	13K102 (250JM/250JP and frame mounted) 13K247 (280JM/JP and larger)			
15	Packed box kit includes:					
	Gland	316SS	15K3			
	Packing & lantern ring	Teflon				
16	Stud, gland (Quantity 2)	300SS	13K291			
17	Hex nut, gland (Quantity 2)	300SS	13K292			
	Loctite #271		AL27121			

* 2 1/2 X 3 - 13 pumps built after January 6, 2020 are supplied with the new style part. Old style numbers are listed for reference only. Use NEW impellers for repair. Performance characteristics change.

PUMP END PARTS FOR CLOSE-COUPLED WITH 250JM-360TCZ (MECHANICAL SEAL), 210JP-445TCZ (PACKED BOX) AND ALL FRAME MOUNTED CONFIGURATION 3656/3756 L-Group

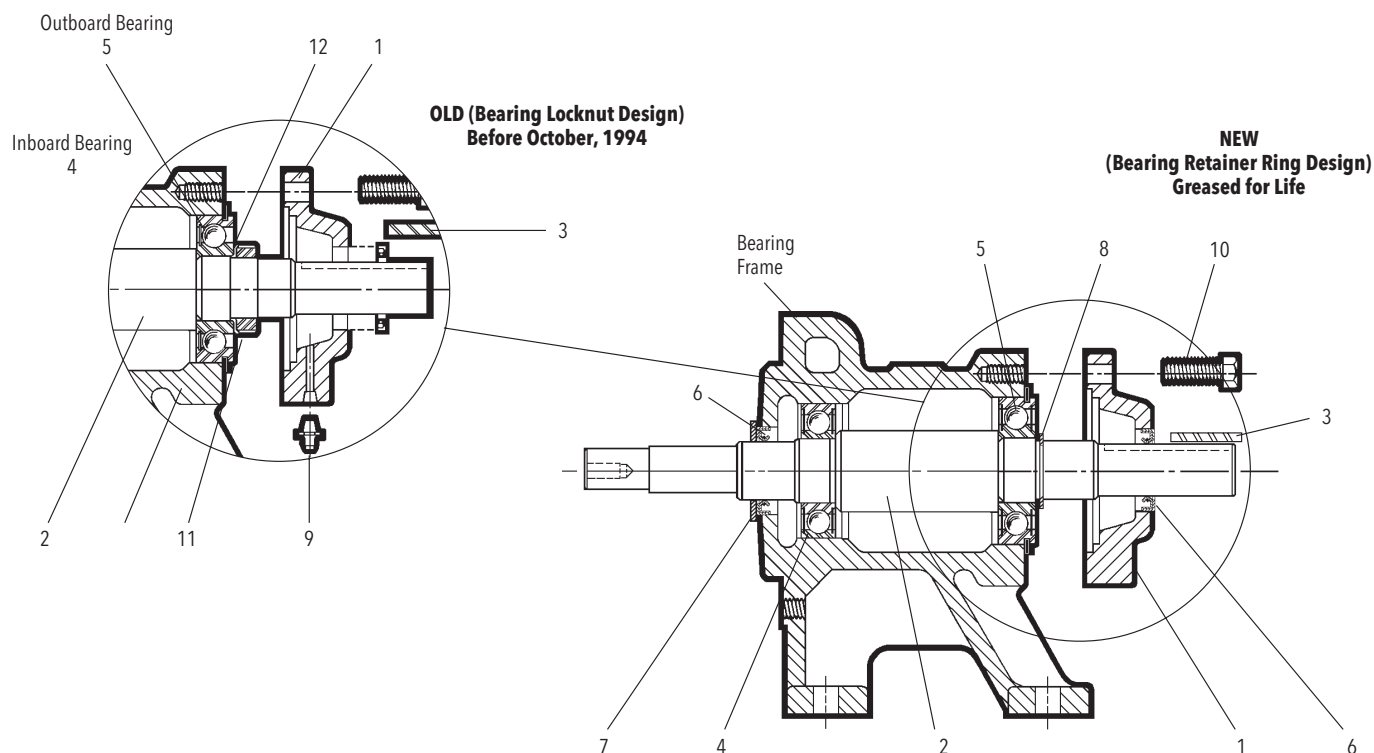
Note: For M & L-Group power frame individual parts, see M & L-Group Power Frame repair parts page.

Item No.	Part Description	Material	Repair Part No.			
			18BF	18BF	19 BF	20BF
			6 x 8-13	6 x 8-13	8 x 10-13	4 x 6-16
			M-Group		L-Group	
1	Casing	Cast Iron	1K352	1K352	1K353	1K354
2	Impeller	Sil-Brass	1180 RPM			
			9½ 2K851		9 ¹³ / ₁₆ 2K897	
			10 2K850		10 ⁷ / ₈ 2K896	
			10½ 2K849		11¼ 2K895	
			10 ⁷ / ₈ 2K848		11 ¹¹ / ₁₆ 2K894	
			11 ¹ / ₈ 2K847		11 ¹⁵ / ₁₆ 2K893	
			11 ⁵ / ₈ 2K846		12 ³ / ₈ 2K892	
			11 ⁷ / ₈ 2K889		12 ³ / ₄ 2K891	
			12 ⁵ / ₁₆ 2K888		13 2K890	
			12½ 2K887			
			13 2K886			
			1750 RPM			
			11 ⁵ / ₈ 2K846	13 2K842	13 2K860	16 2K873
			11 ⁵ / ₈ 2K847	12½ 2K843	12¾ 2K861	15 ⁵ / ₈ 2K874
			10 ⁷ / ₈ 2K848	12 ⁵ / ₁₆ 2K844	12 ³ / ₈ 2K862	15 ³ / ₁₆ 2K875
			10½ 2K849	11 ⁷ / ₈ 2K845	11 ¹⁵ / ₁₆ 2K863	14½ 2K876
			10 2K850	11 ⁵ / ₈ 2K880	11 ¹¹ / ₁₆ 2K864	13¾ 2K877
			9½ 2K851	11 ⁵ / ₈ 2K881	11¼ 2K865	
				10 ⁷ / ₈ 2K882	10 ⁷ / ₈ 2K866	
				10½ 2K883	9 ¹³ / ₁₆ 2K867	
				10 2K884		
				9½ 2K885		
3	Motor adapter - Mech. seal Frame Mounted 210JP-250JP 280-360TCZ 360JP-400TCZ 440TCZ Motor adapter - Packed box Frame Mounted 210JP-250JP 280-360TCZ 360JP-400TCZ 440TCZ	Cast Iron	-	1K377		1K379
			1K377	1K378		1K380
			1K378	1K480 & 1K412		-
			-	1K373		1K375
			-	1K374		1K376
			1K373	1K480 & 1K412		-
			-		1K480 & 1K412	-
			4K475		4K476	4K477
4K474						
4	Front wear ring	Bronze				
5	Back wear ring	Bronze				
6	Impeller bolt	AISI 303 SS	13K155 (SAE Drive use 13K341)			
7	Impeller washer		13K290			
8	Square key		4K460			
9	O-ring	BUNA	5K199			5K298
		Viton	5K209			5K299
10	Seal assembly (Stat / Rot) Ceramic/carbon	BUNA	10K84			
	Sil-carb./Carbon	Viton	10K112			
	Sil-carb./sil-carb.	Viton	10K144			
11	Shaft sleeve, mech. seal Frame Mounted 210-320	300 SS	-	4K457		
	4K457					
	360-440TCZ		4K459			
	Shaft sleeve, packed box Frame Mounted 210-320		-	4K456		
	360-440TCZ		4K456			
			4K458			
12	Plug, casing (Quantity 2)	Zinc Plated Steel	6K3			
13	Bolt, casing (Quantity 8)		13K69			
14	Bolt, motor (Quantity 4) Frame Mounted		13K102 (Quantity 4)			
	210-250		13K247 (Quantity 4)			
	280-405TCZ		13K247 (Quantity 8)			
	445TCZ					
15	Packed box kit includes: Gland	316SS	15K4			
	Packing & lantern ring	Teflon				
16	Stud, gland (Quantity 2)	300SS	13K291			
17	Hex nut, gland (Quantity 2)	300SS	13K292			

S-GROUP POWER FRAMES AND PARTS

3756/3757/SSH S-Group

- 14L52 - Complete assembly for mechanical seal pumps.
- 15K17 - Complete assembly for packed box pumps.



Complete Bearing Frame Assemblies:

Order 14L52 for mechanical seal models.

Order 15K17 for packed box models.

ITEM NO.	OLD Regreasable	NEW Grease for life	DESCRIPTION	MATERIAL	PATTERN NO.
1	1K437	1K322	Bearing cover	Cast iron	59027
2	4K277 -	4K410 4K478	Shaft - mechanical seal Shaft - packed box	Steel Steel	
3	4K278	4K278	Key - motor end	Steel	
4	4K279	4K412	Inboard bearing	Steel	
5	4K280	4K413	Outboard bearing	Steel	
6	5K159	5K159	Lip seal	BUNA/steel	
7	5K160	5K160	Deflector	BUNA-N	
8	NA	5K245	Retaining ring	Steel	
9	6K80	NA	Grease fitting - frame and bearing cover	Steel	
10	13K80	13K80	Hex head cap screw - bearing cover	Steel	
11	13K166	NA	Locknut	Steel	
12	13K167	NA	Lockwasher	Steel	

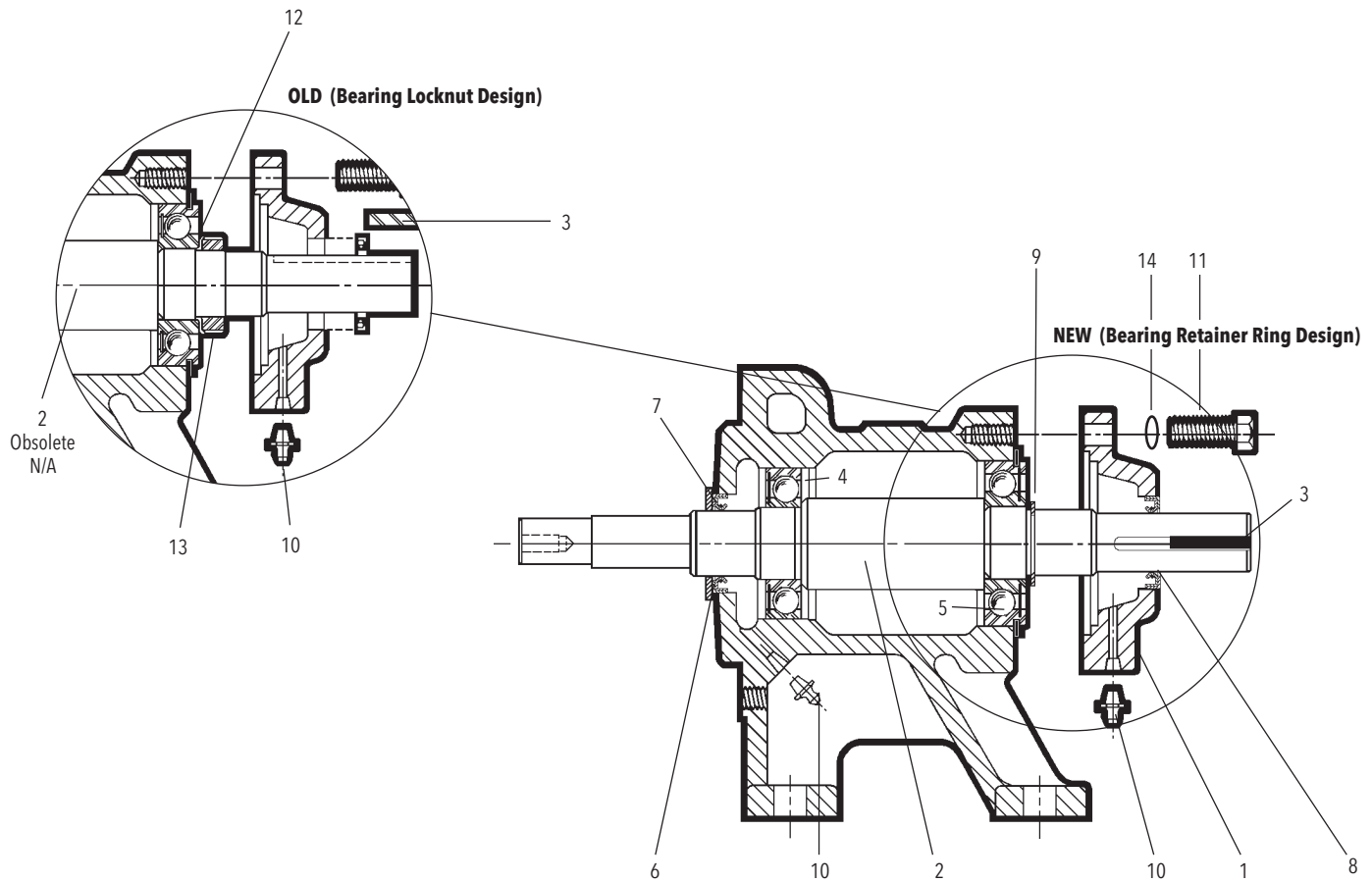
For parts pricing and package stock quantities refer to published parts price list using "K" part no. listed above.

Shaft and mounting face duplicates NEMA 184JM dimensions.

M&L-GROUP POWER FRAME

3756/3757/SSH M&L-Group

For models 3756, 3757 and SSH mechanical seal pumps and 3756 packed box pumps.



Commercial Water Systems

M&L-GROUP POWER FRAME REPAIR PARTS

3756/3757/SSH M&L-Group

For models 3756, 3757 and SSH mechanical seal pumps and 3756 packed box pumps.

M-Group:

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	PATTERN NO.
	14L60	Power Frame Complete, Mechanical Seal Pump		
	15K6	Power Frame Complete, Packed Box Pump		
1	1K147	Bearing cover	Cast iron	59056
2	4K411	Shaft – mechanical seal version	Steel	
	4K453	Shaft – packed box version	Steel	
3	4K292	Shaft key – motor end	Steel	
4	4K293	Ball bearing – inboard	Steel	
5	4K556	Ball bearing – outboard	Steel	
6	5K163	Deflector	BUNA-N	
7	5K164	Lip seal – inboard	BUNA/Steel	
8	5K164	Lip seal – mechanical seal	BUNA/Steel	
	5K280	Lip seal – packed box	BUNA/Steel	
9	5K246	Retaining ring	Steel	
10	6K80	Grease fitting – frame and bearing cover	Steel	
11	13K80	Hex head cap screw – $\frac{3}{8}$ " - 16 x 1.25	Zinc-Plated Steel	
12	13K183	Lockwasher	Zinc-Plated Steel	
13	13K184	Locknut	Zinc-Plated Steel	
14	13K158	Lockwasher $\frac{3}{8}$ "	Zinc-Plated Steel	

For parts pricing and package stock quantities refer to published parts price list using "K" part no. listed above.

Shaft and mounting face duplicates NEMA 254JM dimensions.

L-Group:

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	PATTERN NO.
	15K7	Power Frame Complete (Mechanical Seal or Packed Box)		
1	1K147	Bearing cover	Cast iron	59056
2	4K454	Shaft	Steel	
3	4K292	Shaft key – motor end (not shown)	Steel	
4	4K293	Ball bearing – inboard	Steel	
5	4K469	Ball bearing – outboard	Steel	
6	5K163	Deflector	BUNA-N	
7	5K164	Lip seal – inboard	BUNA/Steel	
8	5K280	Lip seal – outboard	BUNA/Steel	
9	5K246	Retaining ring	Steel	
10	6K80	Grease fitting – frame and bearing cover	Zinc-Plated Steel	
11	13K80	Hex head cap screw – bearing cover	Zinc-Plated Steel	
14	13K158	Lockwasher $\frac{3}{8}$ "	Zinc-Plated Steel	

For parts pricing and package stock quantities refer to published parts price list using "K" part no. listed above.

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

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Xylem Inc.
2881 East Bayard Street Ext., Suite A
Seneca Falls, NY 13148
Phone: (866) 673-0428
Fax: (888) 322-5877
www.xylem.com/goulds

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