



e-SH/e-SHX Repair Parts

316SS END SUCTION CENTRIFUGAL PUMP (60 Hz)

e-SH S-GROUP

Item No.	Part Description	Material	1x2-6		1½x2½-6		2x2½-6		2½x3-6		1x2-8		1½x2½-8		2x2½-8		1x2-10		Max. Wt. (lb)		
			01SH06		15SH06		02SH06		25SH06		01SH08		15SH08		02SH08		01SH10				
100	Casing with wear ring	AISI Type 316SS	1L450		1L453		1L924		1L459		1L451		1L454		1L457		1L452		17		
101	Impeller		6⅛	2L978	6¾	2L876	6⅞	2L945	7⅝	2L961	8⅜	2L972	8¼	2L879	8¼	2L985	9⅛	2L965	7		
			5²⁹/₃₂	2L979	6³/₈	2L874	6³/₁₆	2L946	6²⁷/₃₂	2L962	7⁴³/₆₄	2L973	7¹³/₁₆	2L878	7¾	2L986	8¹³/₁₆	2L966			
			5³⁵/₆₄	2L980	6¹/₁₆	2L872	5¹³/₁₆	2L947	6½	2L983	7²¹/₆₄	2L974	7	2L877	7½	2L987	8²¹/₃₂	2L967			
			5²³/₆₄	2L981	5⁵/₈	2L871	5½	2L948	6¹⁹/₆₄	2L963	7	2L975	6¾	2L876	7³/₁₆	2L988	8³/₁₆	2L968			
			4⁶¹/₆₄	2L982	5⁵/₁₆	2L870	5⅛	2L949	5¾	2L984	6⅞	2L976	6⁷/₁₆	2L875	6⁷/₈	2L989	8	2L969			
					4¹¹/₁₆	2L869	4¹³/₁₆	2L950	5½	2L964	6¼	2L977	6⅛	2L873	6³/₁₆	2L990	7¾	2L970			
					4³/₈	2L868	4⁷/₁₆	2L951									7¹³/₆₄	2L971			
					4³/₁₆	2L867															
103	Wear ring, casing			4L465		4L466		4L467		4L468		4L465		4L466		4L467		4L465		1	
184	Seal housing with ring		1L465				1L925		1L472		1L466				1L470		1L467		3		
203	Wear ring, seal housing		See Item 100						4L464		See Item 100										1
126	Shaft sleeve	316SS	4L473		4L456						4L473		4L456				4L473				
178	Key, impeller	Steel		4K11						4K555		4K11				4K555					
422	Stud, impeller		13K217																		
199	Washer, impeller	316SS	4L458																		
108	Motor adapter, 143-184JM and S-group brg. frame	CI ASTM A48 CL 20	1L554		1L50				1L99		1L560		1L52		1L99		1L562		25		
	Motor adapter, 213-256JM		1L555		1L51				1L98		1L561		1L53		1L98		1L563		29		
370	Bolt, casing	300SS	13L38						13L89		13L38				13L89				–		
371 or 370B	Bolt, adapter, 143-184JM and S-Group brg. frame	Steel SAE 1200	13K360		13L43						13K360		13L43				13K360		25		
	Bolt, adapter, 213-256JM		13K379		13L41				13K245		13K361		13L40		13K245		13K361		29		
383	Mech. seal – standard	Type 21	10K27 – Carbon/Silicon-Carbide/Viton																	1	
	Mech. seal – high temp.		10K19 – Carbon/Silicon-Carbide/EPR																		
	Mech. seal – severe duty		10K64 – Silicon-Carbide/Silicon-Carbide/Viton																		
383A	Retainer, seal spring	316SS	4K517																	2	
408	Plug, vent and drain		6L60																		
412A	O-ring, impeller washer	Viton	5K320 standard (5K195 EPR option)																	1	
412F	O-ring, shaft sleeve		5K307 standard (5K306 EPR option)																		
513	O-ring, casing – standard		5K407						5L70		5K408				5L70		5L71				
	O-ring, casing – optional	EPR	5K393						5K317		5K394				5K317		5L110				

e-SH M-GROUP (254JM-365TCZ)

Item No.	Part Description	Material	1½x2½ -10		2x2½-10		2½x3-8		2½x3-10		3x4-8		3x4-10		Max. Wt. (lb)	
			15SH10		02SH10		25SH08		25SH10		03SH08		03SH10			
100	Casing with wear ring	AISI Type 316SS	1L455		1L458		1L460		1L461		1L463		1L464		17	
101	Impeller		9 ⁷ / ₈	2L778	9 ⁷ / ₈	2L790	9 ¹ / ₁₆	2L952	10 ³ / ₈	2L804	9 ¹ / ₁₆	2L825	10 ⁵ / ₈	2L836	8	
			9½	2L779	9½	2L791	8¾	2L953	9 ¹⁵ / ₁₆	2L805	8 ¹¹ / ₁₆	2L826	10¼	2L837		
			9 ³ / ₁₆	2L780	9 ¹ / ₈	2L792	8½	2L954	9 ⁹ / ₁₆	2L806	8 ⁷ / ₁₆	2L827	9 ¹³ / ₁₆	2L838		
			8 ⁷ / ₈	2L781	8 ¹³ / ₁₆	2L793	8¼	2L955	9¼	2L807	8 ¹ / ₁₆	2L828	9 ⁷ / ₁₆	2L839		
			8 ⁹ / ₁₆	2L782	8 ³ / ₁₆	2L794	7 ⁷ / ₈	2L956	8¾	2L809	7 ¹¹ / ₁₆	2L829	9 ¹ / ₁₆	2L825		
			8¼	2L783	7 ¹⁵ / ₁₆	2L795	7½	2L957			7½	2L830	8 ¹¹ / ₁₆	2L826		
					7 ¹¹ / ₁₆	2L796	7 ¹ / ₈	2L958			7 ¹ / ₈	2L831				
							6 ¹¹ / ₁₆	2L959			6 ⁷ / ₈	2L832				
							6½	2L960			6½	2L833				
											6	2L834				
											5½	2L835				
103	Wear ring, casing			4L467				4L468				4L469				1
184	Seal housing with ring			1L468				1L473		1L475				1L478		3
203	Wear ring, seal housing			4L201				4L464								1
126	Shaft sleeve	316SS	4L457													
178	Key, impeller	Steel	4K261													
422	Stud, impeller		13K301													
199	Washer, impeller	316SS	4L463													
108	Motor adapter, 254-256JM and M-group bearing frame	CI ASTM A48 CL 20	1L91				1L89		1L93				1L94		31	
	1L90				1L88		1L92				1L95		44			
370	Bolt, casing	300SS	13L86 (6 req'd)				13L89 (8 req'd)		13L86 (8 req'd)				13K45 (8 req'd)		–	
371 or 370B	Bolt, adapter, 254-256JM and S-Group bearing frame	Steel SAE 1200	13L88						13L116						–	
	13L87						13L115						–			
383	Mech. seal – standard	Type 21	10K45 – carbon/silicon-carbide/viton												1	
	10K20 – Carbon/silicon-carbide/EPR															
	10K65 – Silicon-carbide/silicon-carbide/viton															
383A	Retainer, seal spring	316SS	4K500												2	
408	Plug, vent and drain		6L60													
412A	O-ring, impeller washer	Viton	5K309 standard (5K308 EPR option)												1	
412F	O-ring, shaft sleeve		5K309 standard (5K308 EPR option)													
513	O-ring, casing – standard		5L71				5L70		5L71				5L72			
	O-ring, casing – optional	EPR	5L110				5K317		5L110				5L116			

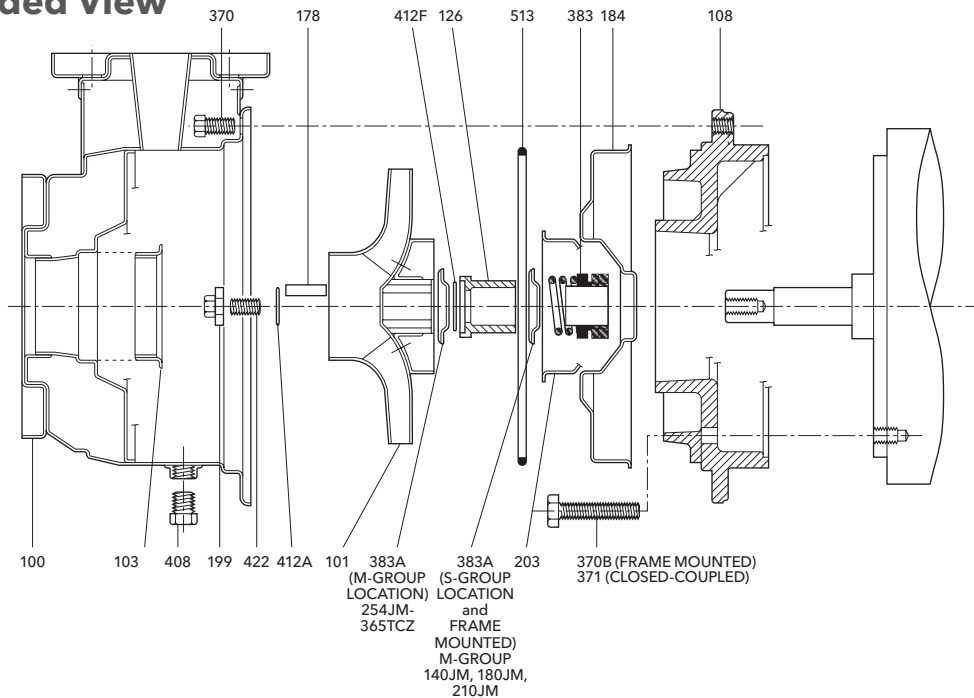
e-SH M-GROUP (140JM, 180JM & 210JM)

Item No.	Part Description	Material	1½x2½ -10		2x2½-10		2½x3-8		2½x3-10		3x4-8		Max. Wt. (lb)	
			15SH10		02SH10		25SH08		25SH10		03SH08			
100	Casing with wear ring	AISI Type 316SS	1L455		1L458		1L460		1L461		1L463		17	
101	Impeller		9⁷⁄₈	2L784	9⁷⁄₈	2L797	9¹⁄₁₆	2L991	9¹⁵⁄₁₆	2L817	9¹⁄₁₆	2L840	8	
			9½	2L785	9½	2L798	8½	2L992	9⁹⁄₁₆	2L818	8⁷⁄₁₆	2L841		
			9³⁄₁₆	2L786	9¹⁄₈	2L799	8¼	2L993	9¼	2L819	8¹⁄₁₆	2L842		
			8⁷⁄₈	2L787	8¹³⁄₁₆	2L800	7⁷⁄₈	2L994	8¾	2L821	7¹¹⁄₁₆	2L843		
			8⁹⁄₁₆	2L788	8³⁄₁₆	2L801	7¹⁄₈	2L995			7¹⁄₈	2L844		
			8¼	2L789	7¹⁵⁄₁₆	2L802	6¹¹⁄₁₆	2L996			6½	2L845		
					7¹¹⁄₁₆	2L803					6	2L846		
											5½	2L847		
103	Wear ring, casing		4L467				4L468				4L469		1	
184	Seal housing with ring		1L468				1L473		1L474				3	
203	Wear ring, seal housing		4L201				4L464							1
126	Shaft sleeve	316SS	4K501				4L456							
178	Key, impeller	Steel	4K11											
422	Stud, impeller		13K217											
199	Washer, impeller	316SS	4L458											
108	Motor adapter, 143-184JM and S-group bearing frame	CI ASTM A48 CL 20	1L97				1L99		1L123				25	
	1L96				1L98		1L100				29			
370	Bolt, casing	300SS	13L86 (6 req'd)				13L89 (8 req'd)		13L86 (8 req'd)				–	
371 or 370B	Bolt, adapter, 143-184JM and S-Group bearing frame	Steel SAE 1200	13L43						N/A	13L117			–	
	13K245							13K44			–			
383	Mech. seal – standard	Type 21	10K27											1
	10K19													
	10K64													
383A	Retainer, seal spring	316SS	4K517											2
408	Plug, vent and drain		6L60											
412A	O-ring, impeller washer	Viton	5K320 standard (5K195 EPR option)											1
412F	O-ring, shaft sleeve		5K320 standard (5K195 EPR)				5K307 (5K306 EPR option)							
513	O-ring, casing – standard		5L71				5L70		5L71					
	O-ring, casing – optional	EPR	5L110				5K317		5L110					

e-SHX M-GROUP (254JM-256JM)

Item No.	Part Description	Material	1½x2½ -10		2x2½-10		2½x3-8		3x4-8		Max. Wt. (lb)
			15SH10		02SH10		25SH08		03SH08		
100	Casing with wear ring	AISI Type 316SS	Refer Page - 3		Refer Page - 3		Refer Page - 3		Refer Page - 3		17
101	Impeller		8 3/4	2L1035	8	2L1049	6 1/2	2L960	6	2L834	8
103	Wear ring, casing		Refer Page - 3				Refer Page - 3		Refer Page - 3		1
184	Seal housing with ring		Refer Page - 3				Refer Page - 3		Refer Page - 3		3
203	Wear ring, seal housing		Refer Page - 3				Refer Page - 3				1
126	Shaft sleeve	316SS	Refer Page - 3								
178	Key, impeller	Steel	Refer Page - 3								
422	Stud, impeller		Refer Page - 3								
199	Washer, impeller	316SS	Refer Page - 3								
108	Motor adapter, 254-256JM	CI ASTM A48 CL 20	Refer Page - 3				Refer Page - 3		Refer Page - 3		31
370	Bolt, casing	300SS	Refer Page - 3				Refer Page - 3		Refer Page - 3		–
371	Bolt, adapter, 254-256JM	Steel SAE 1200	Refer Page - 3						Refer Page - 3		–
383	Mech. seal – standard	Type 21	Refer Page - 3								1
	Mech. seal – high temp.		Refer Page - 3								
	Mech. seal – severe duty		Refer Page - 3								
383A	Retainer, seal spring	316SS	Refer Page - 3								2
408	Plug, vent and drain		Refer Page - 3								
412A	O-ring, impeller washer	Viton	Refer Page - 3								1
412F	O-ring, shaft sleeve		Refer Page - 3								
513	O-ring, casing – standard	EPR	Refer Page - 3				Refer Page - 3		Refer Page - 3		
	O-ring, casing – optional		Refer Page - 3				Refer Page - 3		Refer Page - 3		

e-SH Exploded View



e-SHX S-GROUP

Item No.	Part Description	Material	1x2-6		1½x2½-6		2x2½-6		2½x3-6		1x2-8		1½x2½-8		2x2½-8		1x2-10		Max. Wt. (lb)	
			01SH06		15SH06		02SH06		25SH06		01SH08		15SH08		02SH08		01SH10			
100	Casing with wear ring	AISI Type 316SS	Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		17	
101	Impeller		5 1/2	2L1011	6 1/2	2L1024	6 3/16	2L946	6 1/2	2L983	7 3/4	2L1004	7 3/4	2L1020	8	2L1016	8 3/4	2L1000	7	
			-	-	5	2L1029	5 1/8	2L949	5 1/2	2L964	6 1/4	2L1007	6 1/4	2L1025	-	-	-	-		
103	Wear ring, casing		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		1	
184	Seal housing with ring		Refer Page - 2				Refer Page - 2		Refer Page - 2		Refer Page - 2				Refer Page - 2		Refer Page - 2		3	
203	Wear ring, seal housing		See Item 100						Refer Page - 2		See Item 100									
126	Shaft sleeve	316SS	Refer Page - 2		Refer Page - 2						Refer Page - 2		Refer Page - 2				Refer Page - 2			
178	Key, impeller	Steel			Refer Page - 2						Refer Page - 2		Refer Page - 2				Refer Page - 2		1	
422	Stud, impeller		Refer Page - 2																	
199	Washer, impeller	316SS	Refer Page - 2																	
108	Motor adapter, 143-184JM	CI ASTM A48 CL 20	Refer Page - 2		Refer Page - 2															25
			Refer Page - 2				Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		29			
370	Bolt, casing	300SS	Refer Page - 2						Refer Page - 2		Refer Page - 2				Refer Page - 2				-	
371	Bolt, adapter, 143-184JM	Steel SAE 1200	Refer Page - 2		Refer Page - 2															25
			Refer Page - 2				Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		Refer Page - 2		29			
383	Mech. seal – standard	Type 21	Refer Page - 2																	1
	Refer Page - 2																			
	Refer Page - 2																			
383A	Retainer, seal spring	316SS	Refer Page - 2																	
408	Plug, vent and drain		Refer Page - 2																	2
412A	O-ring, impeller washer	Viton	Refer Page - 2																	1
412F	O-ring, shaft sleeve		Refer Page - 2																	
513	O-ring, casing – standard			Refer Page - 2						Refer Page - 2		Refer Page - 2				Refer Page - 2		Refer Page - 2		
	O-ring, casing – optional	EPR	Refer Page - 2						Refer Page - 2		Refer Page - 2				Refer Page - 2		Refer Page - 2			

e-SHX Conversion Kits

Current e-SH Configuration					e-SHX Conversion Kit		
Model	Cast		Fabricated		Model	Kit P/N	As Needed
	Imp Trim	Imp ø	Imp Trim	Imp ø			Motor Adapter
01SH06	F	6 1/16	A	6 1/16	01SHX06H	01SHX06HKIT	1L554
	G	5 3/4	B	5 29/32			
	H	5 1/2	C	5 35/64			
	I	5 1/4	D	5 23/64			
	J	5	----	----			
	K	4 3/4	----	----			
01SH08	G	8 3/16	A	8 3/16	01SHX08H	01SHX08HKIT	1L561
	H	7 3/4	B	7 43/64			
	J	7 1/4	C	7 21/64			
	K	6 3/4	D	7	01SHX08L	01SHX08LKIT	
	L	6 1/4	E	6 11/16			
	M	5 3/4	F	6 1/4			
01SH10	K	8 3/4	B	8 13/16	01SHX10M	01SHX10MKIT	1L563
	L	8 3/8	C	8 21/32			
	M	8	D	8 3/16			
	----	----	E	8			
	----	----	F	7 3/4			
	----	----	G	7 13/64			
15SH06	J	7	A	6 3/4	15SHX06K	15SHX06KKIT	1L51
	K	6 1/2	B	6 3/8			
	L	6	C	6 1/16			
	----	----	D	5 5/8			
	M	5 1/2	E	5 5/16	15SHX06N	15SHX06NKIT	1L50
	N	5	F	4 11/16			
	P	4 1/2	G	4 3/8			
15SH08	H	7 3/4	A	8 1/4	15SHX08J	15SH08JKIT	1L53
	J	7 3/16	B	7 13/16			
	K	6 3/4	C	7			
	L	6 1/4	D	6 3/4	15SHX08L	15SH08LKIT	
	M	5 3/4	E	6 7/16			
	----	----	F	6 1/8			
15SH10	H	9 1/2	B	9 1/2	15SHX10K	15SH10KKIT	1L91
	J	9 1/8	C	9 3/16			
	K	8 3/4	D	8 7/8			
	L	8 3/8	E	8 9/16			
	M	8	F	8 1/4			
	N	7 5/8	----	----			
02SH06	A	6 9/16	----	----	02SHX06C	02SH06CKIT	1L51
	B	6 3/16					
	C	5 13/16					
	D	5 1/2					
	E	5 1/8					
	F	4 13/16					
02SH08	K	6 3/4	E	6 7/8	02SHX08L	02SH08LKIT	1L98
	L	6 1/4	F	6 3/16			

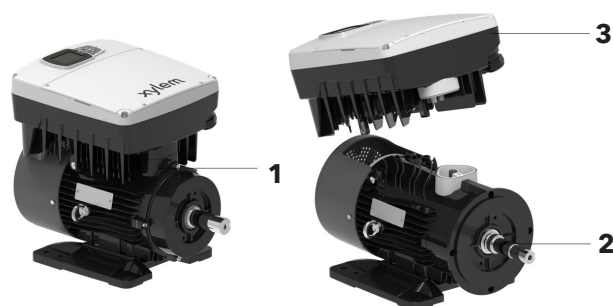
(continued on next page)

e-SHX Conversion Kits (continued)

Current e-SH Configuration					e-SHX Conversion Kit		
Model	Cast		Fabricated		Model	Kit P/N	As Needed
	Imp Trim	Imp ø	Imp Trim	Imp ø			Motor Adapter
02SH10	L	8 3/4	D	8 13/16	02SHX10N	02SH10NKIT	1L91
	M	8 3/8	E	8 3/16			
	N	8	F	7 15/16			
	----	----	G	7 11/16			
25SH06	E	5 3/4	----	----	25SHX06F	25SH06FKIT	1L98
	F	5 1/2					
25SH08	G	7 1/8	----	----	25SHX08J	25SH08JKIT	1L89
	H	6 11/16					
	J	6 1/2					
03SH08	J	6 1/2	----	----	03SHX08K	03SH08KKIT	1L93
	K	6					
	L	5 1/2					

e-SHX Motor/Drive Table

Motor/Drive Repair Parts			
Model	Motor + Drive (1)	Motor Only (2)	Drive Only (3)
01SHX06H7H42	100637850	KL60AF0	KL55ANA
15SHX06N0542	100637810	KL60AH7	
01SHX08H1542	100638010	KL60AKS	KL55ANC
01SHX08L1042	100637970	KL60AKQ	
01SHX10M1542	100638010	KL60AKS	
15SHX06K1542	100638010	KL60AKS	
15SHX08J1542	100638010	KL60AKS	
15SHX08L1542	100638010	KL60AKS	
02SHX06C1542	100638010	KL60AKS	
02SHX06E1542	100638010	KL60AKS	
02SHX08L1542	100638010	KL60AKS	
25SHX06F1542	100638010	KL60AKS	
15SHX10K3042	100638210	KL60AK3	KL55ANE
02SHX10N3042	100638210	KL60AK3	
25SHX08J3042	100638210	KL60AK3	
03SHX08K3042	100638210	KL60AK3	



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