

<b>Liquiflo</b> Equipment Company	<b>Endura® Centrifugal Pumps</b> BOM - Group I, MC
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Code	Part Description	Ref Item #	Material	Position 3 - Pump Size			Qty
				1.5x1x6	3x1.5x6	1.5x1x8	
				A	B	C	
<b>Position 1 - Pump Type</b>							
<b>MC</b>	<b>Magnetically Coupled</b>						
	Eyebolt	8	CS/Epoxy	2620-050			1
	Nut, Eyebolt	9	18-8SS	2621-060			1
	Mounting Bracket, Standard	10	DI/Epoxy	2589-190			1
	Bolt, Bracket/Casing (3/8-16 x 2 SHCS)	61	18-8SS	2773-060	2773-060	X	8
	Bolt, Bracket/Casing Adapter (3/8-24 x 1-3/4 SHCS)	60	18-8SS	X	X	2848-060	8
	Bolt, Casing Adapter/Casing (1/2-13 x 1-1/2 SHCS)	90	18-8SS	X	X	2847-060	8
	Bolt, Bracket/Bearing Hsg (3/8-16 x 1-1/4 SHCS)	56	18-8SS	2709-060			2
	Bolt, Motor Adapter/Bracket (3/8-16 x 1-1/4 SHCS)	56	18-8SS	2709-060			4
	Bolt, Hub/Outer Magnet (8-32 x 1/2 SHCS)	55	Carbon Steel	2771-050			8
	Set Screw, Spacer/Shaft (1/4-28 x 1/4 SHSS-CP)	58	18-8SS	2718-060			1
	Bearing, Thrust	22	Silicon Carbide	2502-110			2
	Bearing, Radial (Stationary)	23	Silicon Carbide	2501-110			2
	Bearing, Sleeve (Rotating)	30	Silicon Carbide	2500-110			2
	Tolerance Ring, Shaft	32	Alloy-C	2532-020			2
	Name Plate	-	316SS	2723-010			1
<b>Position 2 - Temperature</b>							
<b>N</b>	<b>Normal Temperature (+70 to +350°F)</b>						
<b>Position 3 - Size (See Columns)</b>							
---	See Columns A, B, C						

Code	Part Description	Ref Item #	Material	Position 3 - Pump Size			Qty
				1.5x1x6	3x1.5x6	1.5x1x8	
				A	B	C	
Position 4 - Wet End, Material of Construction							
<b>S</b>	<b>316 Stainless Steel</b>						
	Impeller, Closed	2	316SS	2774-010	2776-010	2775-010	1
	Nut, Impeller, MC	3	316SS	2619-010			1
	Bearing Housing, Standard	5	316SS	2503-010			1
	Shaft	17	316SS	2504-010			1
	Key, Impeller	18	316SS	2612-010			1
	Key, Inner Magnet	19	316SS	2611-010			1
	Drain Plug, 1/2 NPT	20	316SS	2730-010			1
	Pin, Sleeve Bearing	25	316SS	2772-010			4
	Pin, Thrust Bearing	31	316SS	2615-010			2
	Spacer (Bearings)	34	316SS	2520-010			1
	Adapter, Casing	46	316SS	X	X	2810-010	1
Position 5 - Casing Flanges							
<b>2</b>	<b>Casing, 150# RF ANSI</b>	1	316SS	3368-010	3370-010	3369-010	1
<b>3</b>	<b>Casing, 300# RF ANSI</b>	1	316SS	3404-010	3405-010	3406-010	1
-	<b>Casing, 300# RF ANSI CL Mount</b>	1	316SS	3095-010	3078-010	3416-010	1
Position 6 - O-Rings							
<b>T</b>	<b>Teflon</b>						
	O-ring, Casing (2-166/2-175)	70	Teflon	2661-210	2661-210	2662-210	1
	O-ring, Containment Can (2-049)	71	Teflon	2660-210			1
	O-ring, Casing Adapter (2-166)	89	Teflon	X	X	2661-210	1
	O-ring, Bearing Retaining (2-034)	33	Teflon	2675-210			2
<b>K</b>	<b>Kalrez 4079</b>						
	O-ring, Casing (2-166/2-175)	70	Kalrez 4079	2661-240	2661-240	2662-240	1
	O-ring, Containment Can (2-049)	71	Kalrez 4079	2660-240			1
	O-ring, Casing Adapter (2-166)	89	Kalrez 4079	X	X	2661-240	1
	O-ring, Bearing Retaining (2-034)	33	Kalrez 4079	2675-240			2

Code	Part Description	Ref Item #	Material	Position 3 - Pump Size			Qty
				1.5x1x6	3x1.5x6	1.5x1x8	
				A	B	C	
Position 7 - Containment Can, Material of Construction							
<b>S</b>	<b>316 Stainless Steel</b>						
	Containment Can	6	316SS		2512-010	1	
	Bolt, Metallic Can (5/16-24 x 3/4 SHCS)	49	18-8SS		2713-060	8	
<b>H</b>	<b>Hastelloy - C</b>						
	Containment Can	6	Alloy-C		2512-020	1	
	Bolt, Metallic Can (5/16-24 x 3/4 SHCS)	49	18-8SS		2713-060	8	
<b>Z</b>	<b>Zirconia (TTZ)</b>						
	Containment Can	6c	Zirconia (TTZ)		2951-140	1	
	Flange, Ceramic Containment Can	6b	316SS		2779-010	1	
	O-ring, Flange Bumper, Ceramic Can (2-159)	6a	Teflon		2669-210	1	
	Bolt, Ceramic Can (5/16-24 x 1 SHCS)	49	18-8SS		2714-060	8	
Position 8 - Magnetic Coupling							
<b>A</b>	<b>NdFeB 1.0" - Metal Can Only</b>						
	Outer Magnet, Less Hub, Metallic Can, 1.0"	7	CS/NdFeB		2740-410	1	
	Inner Magnet, 1.0"	16	316SS/NdFeB		2627-370	1	
<b>B</b>	<b>NdFeB 1.5" - Metal Can Only</b>						
	Outer Magnet, Less Hub, Metallic Can, 1.5"	7	CS/NdFeB		2734-410	1	
	Inner Magnet, 1.5"	16	316SS/NdFeB		2625-370	1	
<b>C</b>	<b>NdFeB 2.0" - Metal Can Only</b>						
	Outer Magnet, Less Hub, Metallic Can, 2.0"	7	CS/NdFeB		3138-410	1	
	Inner Magnet, 2.0"	16	316SS/NdFeB		2939-370	1	
<b>E</b>	<b>SmCo 1.0" - Metal Can Only</b>						
	Outer Magnet, Less Hub, Metallic Can, 1.0"	7	CS/SmCo		2740-420	1	
	Inner Magnet, 1.0"	16	316SS/SmCo		2627-380	1	
<b>F</b>	<b>SmCo 1.5" - Metal Can Only</b>						
	Outer Magnet, Less Hub, Metallic Can, 1.5"	7	CS/SmCo		2734-420	1	
	Inner Magnet, 1.5"	16	316SS/SmCo		2625-380	1	

Code	Part Description	Ref Item #	Material	Position 3 - Pump Size			Qty
				1.5x1x6	3x1.5x6	1.5x1x8	
				A	B	C	
Position 8 Continued - Magnetic Coupling							
<b>G</b>	<b>SmCo 2.0" - Metal Can Only</b>						
	Outer Magnet, Less Hub, Metallic Can, 2.0"	7	CS/SmCo		3138-420	1	
	Inner Magnet, 2.0"	16	316SS/SmCo		2939-380	1	
<b>L</b>	<b>NdFeB 1.5" - Ceramic Can Only</b>						
	Outer Magnet, Less Hub, Ceramic Can, 1.5"	7	CS/NdFeB		2752-410	1	
	Inner Magnet, 1.5"	16	316SS/NdFeB		2625-370	1	
<b>M</b>	<b>NdFeB 2.0" - Ceramic Can Only</b>						
	Outer Magnet, Less Hub, Ceramic Can, 2.0"	7	CS/NdFeB		2913-410	1	
	Inner Magnet, 2.0"	16	316SS/NdFeB		2939-370	1	
<b>Q</b>	<b>SmCo 1.5" - Ceramic Can Only</b>						
	Outer Magnet, Less Hub, Ceramic Can, 1.5"	7	CS/SmCo		2752-420	1	
	Inner Magnet, 1.5"	16	316SS/SmCo		2625-380	1	
<b>R</b>	<b>SmCo 2.0" - Ceramic Can Only</b>						
	Outer Magnet, Less Hub, Ceramic Can, 2.0"	7	CS/SmCo		2913-420	1	
	Inner Magnet, 2.0"	16	316SS/SmCo		2939-380	1	
Position 9 - Mounting							
<b>0</b>	<b>Close Coupled</b> (Select Motor Code in Position 10)						
<b>1</b>	<b>Power Frame</b> (Leave Position 10 blank)						
	Power Frame Assembly - Group I	99	DI/Epoxy/Misc		2629-190	1	
	Hub, Outer Magnet, Power Frame	15	Carbon Steel		2524-050	1	
	Bolt, Power Frame/Bracket (3/8-16 x 1-1/4 SHCS)	56	18-8SS		2709-060	4	

Code	Part Description	Ref Item #	Material	Position 3 - Pump Size			Qty
				1.5x1x6	3x1.5x6	1.5x1x8	
				A	B	C	
<b>Position 10 - Motor Frame Size (If Close Coupled Mounted)</b>							
<b>A</b>	<b>56C Motor</b>						
	Hub, Outer Magnet, 56C	15	Carbon Steel	2607-050		1	
	Set Screw, Hub/Shaft (1/4-28 x 1/4 SHSS)	57	18-8SS	2718-060		2	
<b>B</b>	<b>143/145TC Motor</b>						
	Hub, Outer Magnet, 143/145TC	15	Carbon Steel	2554-050		1	
	Set Screw, Hub/Shaft (1/4-28 x 1/4 SHSS)	57	18-8SS	2718-060		2	
	Adapter, 143-215TC, G1	92	CS/Epoxy	2555-050		1	
	Bolt, 143-215TC Adapter (3/8-16 x 1-1/2)	96	18-8SS	781117		4	
<b>C</b>	<b>182/184TC Motor</b>						
	Hub, Outer Magnet, 182/184TC	15	Carbon Steel	2553-050		1	
	Set Screw, Hub/Shaft (5/16-24 x 3/8 SHSS-CP)	57	18-8SS	2719-060		2	
	Adapter, 143-215TC, G1	92	CS/Epoxy	2555-050		1	
	Bolt, 143-215TC Adapter (1/2-13 x 1 SHCS)	96	Carbon Steel	2708-050		4	
<b>D</b>	<b>213/215TC Motor</b>						
	Hub, Outer Magnet, 213/215TC	15	Carbon Steel	2514-050		1	
	Set Screw, Hub/Shaft (5/16-24 x 3/8 SHSS-CP)	57	18-8SS	2719-060		2	
	Adapter, 143-215TC, G1	92	CS/Epoxy	2555-050		1	
	Bolt, 143-215TC Adapter (1/2-13 x 1 SHCS)	96	Carbon Steel	2708-050		4	
<b>E</b>	<b>254/256TC Motor</b>						
	Hub, Outer Magnet, 254/256TC	15	Carbon Steel	2891-050		1	
	Set Screw, Hub/Shaft (5/16-24 x 3/8 SHSS-CP)	57	18-8SS	2719-060		2	
	Adapter, 143-215TC, G1	92	CS/Epoxy	2555-050		1	
	Adapter, 254-256TC, G1	91	CS/Epoxy	2890-050		1	
	Bolt, 254/256TC Adapter (1/2-13 x 1-3/4 SHCS)	96	18-8SS	2935-060		4	
<b>Q</b>	<b>71 IEC Motor</b>						
	Hub, Outer Magnet, 71 IEC	15	Carbon Steel	CF		1	
	Set Screw, Hub/Shaft (1/4-28 x 1/2 SHSS)	57	18-8SS	2718-060		2	
	Adapter, 71 IEC, B5, G1	92	CS/Epoxy	CF		1	
	Bolt, Adapter to Motor	96	18-8SS	CF		4	
	Nut, Adapter to Motor	102	18-8SS	CF		4	
	Lock Washer, Adapter to Motor	103	18-8SS	CF		4	

Code	Part Description	Ref Item #	Material	Position 3 - Pump Size			Qty
				1.5x1x6	3x1.5x6	1.5x1x8	
				A	B	C	
<b>Position 10 Continued - Motor Frame Size (If Close Coupled Mounted)</b>							
<b>R</b>	<b>80 IEC Motor</b>						
	Hub, Outer Magnet, 80 IEC	15	Carbon Steel		CF	1	
	Set Screw, Hub/Shaft	57	18-8SS		CF	2	
	Adapter, 80 IEC, B5, G1	92	CS/Epoxy		CF	1	
	Bolt, Adapter to Motor	96	18-8SS		CF	4	
	Nut, Adapter to Motor	102	18-8SS		CF	4	
	Lock Washer, Adapter to Motor	103	18-8SS		CF	4	
<b>S</b>	<b>90 IEC Motor</b>						
	Hub, Outer Magnet, 90 IEC	15	Carbon Steel		3296-050	1	
	Set Screw, Hub/Shaft (1/4-28 x 1/2 SHSS)	57	18-8SS		2718-060	2	
	Adapter, 90 IEC, B5, G1	92	CS/Epoxy		2590-050	1	
	Bolt, Adapter to Motor (7/16-14 x 1 SHCS)	96	18-8SS		2535-060	4	
	Nut, Adapter to Motor (7/16-14 Hex)	102	18-8SS		CF	4	
	Lock Washer, Adapter to Motor (7/16)	103	18-8SS		CF	4	
<b>T</b>	<b>100/112 IEC Motor</b>						
	Hub, Outer Magnet, 100/112 IEC	15	Carbon Steel		2552-050	1	
	Set Screw, Hub/Shaft (1/4-28 x 1/2 SHSS)	57	18-8SS		2718-060	2	
	Adapter, 100/112 IEC, B5, G1	92	CS/Epoxy		2591-050	1	
	Bolt, Adapter to Motor (1/2-13 x 1-1/4 SHCS)	96	18-8SS		3153-060	4	
	Nut, Adapter to Motor (1/2-13 Hex)	102	18-8SS		2621-060	4	
	Lock Washer, Adapter to Motor (1/2)	103	18-8SS		641107	4	
<b>U</b>	<b>132 IEC Motor</b>						
	Hub, Outer Magnet, 132 IEC	15	Carbon Steel		3589-050	1	
	Set Screw, Hub/Shaft (5/16-24 x 3/8 SHSS-CP)	57	18-8SS		2719-060	2	
	Adapter, 132 IEC, B5, G1	92	CS/Epoxy		3588-050	1	
	Bolt, Adapter to Motor (1/2-13 x 1-1/2 SHCS)	96	18-8SS		2847-060	4	
	Nut, Adapter to Motor (1/2-13 Hex)	102	18-8SS		2621-060	4	
	Lock Washer, Adapter to Motor (1/2)	103	18-8SS		641107	4	

Code	Part Description	Ref Item #	Material	Position 3 - Pump Size			Qty
				1.5x1x6	3x1.5x6	1.5x1x8	
				A	B	C	
Position 10 Continued - Motor Frame Size (If Close Coupled Mounted)							
<b>V</b>	<b>160 IEC Motor</b>						
	Hub, Outer Magnet 160 IEC	15	Carbon Steel		3149-050	1	
	Set Screw, Hub/Shaft (5/16-24 x 3/8 SHSS-CP)	57	18-8SS		2719-060	2	
	Adapter, 160 IEC, B5, G1	92	CS/Epoxy		2893-050	1	
	Bolt, Adapter to Motor	96	18-8SS		CF	4	
	Nut, Adapter to Motor	102	18-8SS		CF	4	
	Lock Washer, Adapter to Motor	103	18-8SS		CF	4	
<b>W</b>	<b>180 IEC Motor</b>						
	Hub, Outer Magnet 180 IEC	15	Carbon Steel		3151-050	1	
	Set Screw, Hub/Shaft (5/16-24 x 3/8 SHSS-CP)	57	18-8SS		2719-060	2	
	Adapter, 180 IEC, B5, G1	92	CS/Epoxy		CF	1	
	Bolt, Adapter to Motor	96	18-8SS		CF	4	
	Nut, Adapter to Motor	102	18-8SS		CF	4	
	Lock Washer, Adapter to Motor	103	18-8SS		CF	4	
<b>Add-Ons</b>							
-	Guard, Coupling (Motor/Power Frame)	-	303SS		3070-015	1	
-	Base Plate #138E (38" x 15" x 3.4" Channel)	-	CS/Epoxy		3519-050	1	
-	Base Plate #148 (48" x 15" x 3.4" Channel)	-	CS/Epoxy		3520-050	1	
-	Motor Riser	-	CS/Epoxy		See Other Sheet	2	
-	Pump Riser	-	CS/Epoxy		See Other Sheet	1	
-	Power Frame Riser	-	CS/Epoxy		See Other Sheet	1	
-	EARS Power Sensor	-	Misc		3239-000	1	