

Liquiflo Equipment Company	Endura® Centrifugal Pumps BOM - Group II, MC
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Code	Part Description	Ref Item #	Material	Position 3 - Pump Size				Qty
				3x2x8	4x3x8G	3x2x10	4x3x10H	
				1	2	4	5	
Position 1 - Pump Type								
MC	Magnetically Coupled							
	Eyebolt	8	CS/Epoxy	2620-050				2
	Nut, Eyebolt	9	18-8SS	2621-060				2
	Bolt, Bracket/Casing Cover (1/2-13 x 1-1/2 SHCS)	56	18-8SS	2847-060				4
	Bolt, Case Cover / Casing (5/8-11 x 1-1/4 SHCS)	61	18-8SS	5173-060	5173-060	X	X	8
	Bolt, Case Cover / Casing (5/8-11 x 1-1/4 SHCS)	61	18-8SS	X	X	5173-060	5173-060	12
	Bolt, Motor Adapter/Bracket (1/2-13 x 1-1/4 SHCS)	75	18-8SS	3153-060				4
	Set Screw, Spacer/Shaft (1/4-28 x 3/8 SHSS-HD)	58	18-8SS	5089-060				1
	Tolerance Ring, Shaft	32	Alloy-C	5098-020				2
	Adapter, Taper Lock	15	Carbon Steel	5172-050				1
	Bearing, Thrust	22	Silicon Carbide	5102-110				2
	Bearing, Radial (Stationary)	23	Silicon Carbide	5101-110				2
	Bearing, Sleeve (Rotating)	30	Silicon Carbide	5100-110				2
	Name Plate	-	316SS	2723-010				1
Position 2 - Temperature Range								
N	Normal Temperature (+70 to +350°F)							
Position 3 - Size (See Columns)								
---	See Columns 1,2,4,5							

				Position 3 - Pump Size				
				3x2x8	4x3x8G	3x2x10	4x3x10H	
				1	2	4	5	
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Position 4 - Wet End, Material of Construction								
S	316 Stainless Steel							
	Impeller, Closed	2	316SS	5070-010	5376-010	5066-010	5078-010	1
	Cover, Casing	3	316SS	5260-010		5263-010		1
	Plug, Casing Cover (1/4" NPT Socket Head)	-	316SS	5085-010				1
	Adapter, Ring (3 in. Inlet)	-	316SS	5262-010	X	X	X	1
	Bolt, Adpt. Ring/Case Cover (1/4-20 x 1-3/4 SHCS)	-	18-8SS	5264-060	X	X	X	3
	Shaft	17	316SS	5140-010				1
	Bolt, Shaft (1/2-13 x 1-1/4 HHCS)	94	316SS	2836-010				2
	Key, Impeller	18	316SS	5163-010				1
	Key, Inner Magnet	19	316SS	5162-010				1
	Drain Plug, 1/2" NPT	20	316SS	2730-010				1
	Pin, Sleeve Bearing	25	316SS	5237-010				4
	Pin, Thrust Bearing	31	316SS	5237-010				2
	Spacer (Sleeve Bearings)	34	316SS	5105-010				1
	Spring, Bearing Preload	40	316SS	5305-010				1
	Washer, Thrust Bearing (Impeller End)	41	316SS	5306-010				1
	Washer, Impeller	55	316SS	5144-010				1
	Holder, Thrust Bearing (Impeller End)	57	316SS	5141-010				1
	Holder, Thrust Bearing (Magnet End)	60	316SS	5142-010				1
	Washer, Inner Magnet	65	316SS	5145-010				1
	Washer, Thrust Bearing (Magnet End)	70	316SS	5302-010				1
Position 5 - Casing Flanges								
2	Casing, 150# RF ANSI	1	316SS	5069-010	5454-010	5244-010	5459-010	1
3	Casing, 300# RF ANSI	1	316SS	5294-010	5496-010	5450-010	5493-010	1
Position 6 - O-Rings/Gaskets								
T	Teflon							
	Gasket, Casing	72	Teflon	5169-210		5048-210		1
	O-ring, Containment Can (2-165)	71	Teflon	5087-210				1
	O-ring, Bearing Retaining (2-237)	-	Teflon	5264-210				2
K	Kalrez 4079							
	Gasket, Casing	72	Kalrez 4079	5169-240		5048-240		1
	O-ring, Containment Can (2-165)	71	Kalrez 4079	5087-240				1
	O-ring, Bearing Retaining (2-237)	-	Kalrez 4079	5264-240				2

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				3x2x8	4x3x8G	3x2x10	4x3x10H	
				1	2	4	5	
Position 7 - Containment Can, Material of Construction								
S	316 Stainless Steel							
	Containment Can	6	316SS		5106-010		1	
	Bolt, Metallic Can (3/8-24 x 1-1/4 SHCS)	49	18-8SS		3230-060		8	
H	Hastelloy C							
	Containment Can	6	Alloy-C/316SS		5106-100		1	
	Bolt, Metallic Can (3/8-24 x 1-1/4 SHCS)	49	18-8SS		3230-060		8	
Z	Zirconia (TTZ)							
	Containment Can	6	Zirconia (TTZ)		5014-140		1	
	Flange, Ceramic Containment Can	-	304SS		5015-013		1	
	O-ring, Flange Bumper, Ceramic Can	-	Teflon		2883-210		1	
	Bolt, Ceramic Can (3/8-24 x 1-1/2 SHCS)	49	18-8SS		5090-060		8	
Position 8 - Magnetic Coupling								
1	NdFeB 2" - Metal Can Only							
	Inner Magnet, 2"	7	316SS/NdFeB		5230-370		1	
	Outer Magnet, Metal Can, 2"	16	CS/NdFeB		5111-410		1	
2	NdFeB 3" - Metal Can Only							
	Inner Magnet, 3"	7	316SS/NdFeB		5110-370		1	
	Outer Magnet, Metal Can, 3"	16	CS/NdFeB		5113-410		1	
3	SmCo 2" - Metal Can Only							
	Inner Magnet, 2"	7	316SS/SmCo		5230-380		1	
	Outer Magnet, Metal Can, 2"	16	CS/SmCo		5111-420		1	
4	SmCo 3" - Metal Can Only							
	Inner Magnet, 3"	7	316SS/SmCo		5110-380		1	
	Outer Magnet, Metal Can, 3"	16	CS/SmCo		5113-420		1	
5	NdFeB 2" - Ceramic Can Only							
	Inner Magnet, 2"	7	316SS/NdFeB		5230-370		1	
	Outer Magnet, Ceramic Can, 2"	16	CS/NdFeB		5112-410		1	
6	NdFeB 3" - Ceramic Can Only							
	Inner Magnet, 3"	7	316SS/NdFeB		5110-370		1	
	Outer Magnet, Ceramic Can, 3"	16	CS/NdFeB		5114-410		1	
7	SmCo 2" - Ceramic Can Only							
	Inner Magnet, 2"	7	316SS/SmCo		5230-380		1	
	Outer Magnet, Ceramic Can, 2"	16	CS/SmCo		5112-420		1	
8	SmCo 3" - Ceramic Can Only							
	Inner Magnet, 3"	7	316SS/SmCo		5110-380		1	
	Outer Magnet, Ceramic Can, 3"	16	CS/SmCo		5114-420		1	

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				3x2x8	4x3x8G	3x2x10	4x3x10H	
				1	2	4	5	
Position 9 - Mounting								
0	Close Coupled (Select Motor Code in Position 10)							
1	Power Frame (Leave Position 10 blank)							
	Power Frame Assembly - Group 2	-	DI/Epoxy/Misc		5194-190		1	
	Bracket	10	CS/Epoxy		5035-050		1	
	Bushing, Taper Lock 1-5/8	21	Carbon Steel		5171-050		1	
Position 10 - Motor Frame Size (If Close Coupled Mounted)								
C	182/184 TC Motor							
	Bracket	10	CS/Epoxy		5035-050		1	
	Motor Adapter, 182-256TC	91	CS/Epoxy		5195-050		1	
	Bushing, Taper Lock, 1-1/8 Shaft	21	Carbon Steel		5246-050		1	
	Bolt, Adapter to Motor (1/2-13 x 1-1/2 FH-SHCS)	97	Carbon Steel		3415-050		4	
D	213/215TC Motor							
	Bracket	10	CS/Epoxy		5196-050		1	
	Motor Adapter, 182-256TC	91	CS/Epoxy		5195-050		1	
	Bushing, Taper Lock, 1-3/8 Shaft	21	Carbon Steel		5210-050		1	
	Bolt, Adapter to Motor (1/2-13 x 1-1/2 FH-SHCS)	97	Carbon Steel		3415-050		4	
E	254/256 TC Motor							
	Bracket	10	CS/Epoxy		5197-050		1	
	Motor Adapter, 182-256TC	91	CS/Epoxy		5195-050		1	
	Bushing, Taper Lock, 1-5/8 Shaft	21	Carbon Steel		5171-050		1	
	Bolt, Adapter to Motor (1/2-13 x 1-1/2 FH-SHCS)	97	Carbon Steel		3415-050		4	
F	284/286TC Motor							
	Bracket	10	CS/Epoxy		5198-050		1	
	Motor Adapter, NEMA 284/286 TC/TSC	91	CS/Epoxy		5203-050		1	
	Bushing 1-7/8 Shaft	21	Carbon Steel		5228-050		1	
	Bolt, Adapter to Motor (1/2-13 x 1-1/4 SHCS)	97	18-8SS		3153-060		4	
G	324/326TC Motor							
	Bracket	10	CS/Epoxy		5199-050		1	
	Motor Adapter, NEMA 324/326 TC	91	CS/Epoxy		5234-050		1	
	Bushing - 2-1/8 Shaft	21	Carbon Steel		5467-050		1	
	Bolt, Adapter to Motor (5/8-11 x 2 SHCS)	97	18-8SS		5337-060		4	

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				3x2x8	4x3x8G	3x2x10	4x3x10H	
				1	2	4	5	
Position 10 Continued - Motor Frame Size (If Close Coupled Mounted)								
H	364/365TC Motor							
	Bracket	10	CS/Epoxy			5200-050	1	
	Motor Adapter, NEMA 324/326 TC	91	CS/Epoxy			5234-050	1	
	Bushing - 2-3/8 Shaft	21	Carbon Steel			CF	1	
	Bolt, Adapter to Motor (5/8-11 x 2 SHCS)	97	18-8SS			5337-060	4	
J	284/286TSC Motor							
	Bracket	10	CS/Epoxy			5035-050	1	
	Motor Adapter, NEMA 324/326 TC/TSC	91	CS/Epoxy			5234-050	1	
	Bushing - 1-5/8 Shaft	21	Carbon Steel			5171-050	1	
	Bolt, Adapter to Motor (5/8-11 x 2 SHCS)	97	18-8SS			5337-060	4	
K	324/326TSC Motor							
	Bracket	10	CS/Epoxy			5199-050	1	
	Motor Adapter, NEMA 324/364 TSC	91	CS/Epoxy			5235-050	1	
	Bushing - 1-7/8 Shaft	21	Carbon Steel			5228-050	1	
	Bolt, Adapter to Motor (5/8-11 x 2 SHCS)	97	18-8SS			5337-060	4	
L	364/365TSC Motor							
	Bracket	10	CS/Epoxy			5199-050	1	
	Motor Adapter, NEMA 324/364 TSC	91	CS/Epoxy			5235-050	1	
	Bushing - 1-7/8 Shaft	21	Carbon Steel			5228-050	1	
	Bolt, Adapter to Motor (5/8-11 x 2 SHCS)	97	18-8SS			5337-060	4	
U	132 IEC Motor							
	Bracket	10	CS/Epoxy			5035-050	1	
	Motor Adapter, 132 IEC	91	CS/Epoxy			5536-050	1	
	Bushing, 38mm Shaft	21	Carbon Steel			5526-050	1	
	Bolt, Adapter to Motor (1/2-13 x 1-1/4 SHCS)	97	18-8SS			3153-060	4	

				Position 3 - Pump Size				
				3x2x8	4x3x8G	3x2x10	4x3x10H	
				1	2	4	5	
Code	Part Description	Ref Item #	Material	Part #				Qty
Position 10 Continued - Motor Frame Size (If Close Coupled Mounted)								
V	160 IEC Motor							
	Bracket	10	CS/Epoxy	5197-050				1
	Motor Adapter, 160 IEC	91	CS/Epoxy	5533-050				1
	Bushing, 42mm Shaft	21	Carbon Steel	5359-050				1
	Bolt, Adapter to Motor (5/8-11 x 1-3/4 SHCS)	97	18-8SS	2933-060				4
W	180 IEC Motor							
	Bracket	10	CS/Epoxy	5197-050				1
	Motor Adapter, 180 IEC	91	CS/Epoxy	5533-050				1
	Bushing, 48mm Shaft	21	Carbon Steel	5532-050				1
	Bolt, Adapter to Motor (5/8-11 x 1-3/4 SHCS)	97	18-8SS	2933-060				4
X	200 IEC Motor							
	Bracket	10	CS/Epoxy	5197-050				1
	Motor Adapter, 200 IEC	91	CS/Epoxy	5537-050				1
	Bushing, 55mm Shaft	21	Carbon Steel	5570-050				1
	Bolt, Adapter to Motor (5/8-11 x 2 SHCS)	97	18-8SS	5337-060				4
Add-Ons								
-	Guard, Coupling (Motor/Power Frame)	-	316SS	5345-010				1
-	Guard, Mounting Bracket	-	304SS	5386-013				1
-	Base Plate #254E (54" x 18" x 4" Channel)	-	CS/Epoxy	3527-050				1
-	Base Plate #264 (64" x 18" x 4" Channel)	-	CS/Epoxy	3528-050				1
-	Motor Riser	-	CS/Epoxy	CF				1
-	Pump Riser	-	CS/Epoxy	CF				1
-	Power Frame Riser	-	CS/Epoxy	CF				1
-	EARS Power Sensor	-	Misc	3239-000				1