

Endura® Centrifugal Pumps	Consolidated Bill of Materials – Group II, MC
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				Position 3 - Pump Size				
				3x2x8	4x3x8G	3x2x10	4x3x10H	
				1	2	4	5	
Code	Part Description	Ref Item #	Material	Part #				Qty
Position 1 - Pump Type								
MC	Magnetically Coupled							
	Eyebolt	50	CS/Epoxy	2620-050				2
	Nut, Eyebolt	51	18-8SS	2621-060				2
	Bolt, Casing Cover / Casing (5/8-11 x 1-1/4 SHCS)	5	18-8SS	5173-060	5173-060	X	X	8
	Bolt, Casing Cover / Casing (5/8-11 x 1 SHCS)	5	18-8SS	X	X	3104-060	3104-060	12
	Bolt, Bracket/Casing Cover (1/2-13 x 1-1/2 SHCS)	47	18-8SS	2847-060				4
	Tolerance Ring, Shaft	20	Alloy-C	5098-020				2
	Adapter, Taper Lock	40	Carbon Steel	5172-050				1
	Bearing, Thrust	15	Silicon Carbide	5102-110				2
	Bearing, Radial (Stationary)	17	Silicon Carbide	5101-110				2
	Bearing, Sleeve (Rotating)	18	Silicon Carbide	5100-110				2
	Name Plate	-	304SS	2723-013				1
Position 2 - Temperature Range								
N	Normal Temperature (+10 to +350°F)							
Position 3 - Pump Size (See Columns)								
—	See Columns 1, 2, 4, 5							

Consolidated Bill of Materials – Group II, MC (Continued)									
Code	Part Description	Ref Item #	Material	3x2x8	4x3x8G	3x2x10	4x3x10H	Qty	
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)	60	316SS	5085-010					1
	Adapter, Ring (3 in. Inlet)	6	316SS	5262-010	X	X	X	1	
	Bolt, Adpt. Ring/Casing Cover (1/4-20 x 1-3/4 SHCS)	7	316SS	5265-010	X	X	X	3	
	Shaft	11	316SS	5140-010					1
	Bolt, Shaft (1/2-13 x 1-1/4 HHCS)	9A/9B	316SS	2836-010					2
	Key, Impeller	28	316SS	5163-010					1
	Key, Inner Magnet	27	316SS	5162-010					1
	Drain Plug, 1/2" NPT	4	316SS	2730-010					1
	Pin, Sleeve/Radial Bearing	21	316SS	5237-010					4
	Pin, Thrust Bearing	14	316SS	5237-010					2
	Spacer, Sleeve Bearings	23	316SS	5105-010					1
	Set Screw, Spacer/Shaft (1/4-28 x 3/8 SHSS-HD)	22	316SS	5089-010					1
	Spring, Bearing Preload	24	316SS	5305-010					1
	Washer, Impeller	8	316SS	5144-010					1
	Washer, Inner Magnet	12	316SS	5145-010					1
	Washer, Thrust Bearing (Impeller End)	25	316SS	5306-010					1
	Washer, Thrust Bearing (Magnet End)	16	316SS	5302-010					1
	Holder, Thrust Bearing (Impeller End)	26	316SS	5141-010					1
	Holder, Thrust Bearing (Magnet End)	13	316SS	5142-010					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	56	Teflon	5169-210		5048-210		1	
	O-ring, Containment Can (2-165)	55	Teflon	5087-210					1
	O-ring, Bearing Retaining (2-237)	19	Teflon	5264-210					2
K	Kalrez 4079								
	Gasket, Casing	56	Kalrez 4079	5169-240		5048-240		1	
	O-ring, Containment Can (2-165)	55	Kalrez 4079	5087-240					1
	O-ring, Bearing Retaining (2-237)	19	Kalrez 4079	5264-240					2

Consolidated Bill of Materials – Group II, MC (Continued)								
Code	Part Description	Ref Item #	Material	3x2x8	4x3x8G	3x2x10	4x3x10H	Qty
Position 7 - Containment Can, Material of Construction								
S	316 Stainless Steel							
	Containment Can	35	316SS		5106-010			1
	Bolt, Metal Can (3/8-24 x 1-1/4 SHCS)	38	18-8SS		3230-060			8
H	Hastelloy C							
	Containment Can	35	Alloy-C/316SS		5106-100			1
	Bolt, Metal Can (3/8-24 x 1-1/4 SHCS)	38	18-8SS		3230-060			8
Z	Zirconia (TTZ)							
	Containment Can	35	Zirconia (TTZ)		5014-140			1
	Flange, Ceramic Containment Can (2-167)	34	304SS		5015-013			1
	O-ring, Flange Bumper, Ceramic Can	33	Teflon		2883-210			1
	Bolt, Ceramic Can (3/8-24 x 1-1/2 SHCS)	38	18-8SS		5090-060			8
Position 8 - Magnetic Coupling								
1	NdFeB 2" - Metal Can Only							
	Inner Magnet, 2"	36	316SS/NdFeB		5230-370			1
	Outer Magnet, Metal Can, 2"	37	CS/NdFeB		5111-410			1
2	NdFeB 3" - Metal Can Only							
	Inner Magnet, 3"	36	316SS/NdFeB		5110-370			1
	Outer Magnet, Metal Can, 3"	37	CS/NdFeB		5113-410			1
3	SmCo 2" - Metal Can Only							
	Inner Magnet, 2"	36	316SS/SmCo		5230-380			1
	Outer Magnet, Metal Can, 2"	37	CS/SmCo		5111-420			1
4	SmCo 3" - Metal Can Only							
	Inner Magnet, 3"	36	316SS/SmCo		5110-380			1
	Outer Magnet, Metal Can, 3"	37	CS/SmCo		5113-420			1
5	NdFeB 2" - Ceramic Can Only							
	Inner Magnet, 2"	36	316SS/NdFeB		5230-370			1
	Outer Magnet, Ceramic Can, 2"	37	CS/NdFeB		5112-410			1
6	NdFeB 3" - Ceramic Can Only							
	Inner Magnet, 3"	36	316SS/NdFeB		5110-370			1
	Outer Magnet, Ceramic Can, 3"	37	CS/NdFeB		5114-410			1
7	SmCo 2" - Ceramic Can Only							
	Inner Magnet, 2"	36	316SS/SmCo		5230-380			1
	Outer Magnet, Ceramic Can, 2"	37	CS/SmCo		5112-420			1
8	SmCo 3" - Ceramic Can Only							
	Inner Magnet, 3"	36	316SS/SmCo		5110-380			1
	Outer Magnet, Ceramic Can, 3"	37	CS/SmCo		5114-420			1

Consolidated Bill of Materials – Group II, MC (Continued)								
Code	Part Description	Ref Item #	Material	3x2x8	4x3x8G	3x2x10	4x3x10H	Qty
Position 9 - Mounting								
0	Close Coupled (Select Motor Code in Position 10)							
1	Power Frame (Leave Position 10 blank)							
	Power Frame Assembly - Group II	46	CI/Epoxy/Misc		5194-190			1
	Bushing, Taper Lock - 1-5/8" I.D.	41	Carbon Steel		5171-050			1
	Bracket	45	CS/Epoxy		5035-050			1
	Foot, Bracket (8" & 10" Pumps w/ Power Frame)	57	CI/Epoxy		5152-190			1
	Bolt, Foot, Bracket (1/2-13 x 1-1/4 SHCS)	58	18-8SS		3153-060			2
	Bolt, Bracket/Power Frame (1/2-13 x 1-1/4 SHCS)	48	18-8SS		3153-060			4
Position 10 - Motor Frame Size (If Close-Coupled Mounted)								
C	NEMA 182/184 TC Motor							
	Bushing, Taper Lock - 1-1/8" I.D.	41	Carbon Steel		5246-050			1
	Adapter, NEMA 182-256TC	46	Al, Anodized		5195-070			1
	Bolt, Adapter to Motor (1/2-13 x 1-1/2 FH-SHCS)	49	Carbon Steel		3415-050			4
	Bracket	45	CS/Epoxy		5035-050			1
	Bolt, Bracket to Adapter (1/2-13 x 1-1/4 SHCS)	48	18-8SS		3153-060			4
D	NEMA 213/215TC Motor							
	Bushing, Taper Lock - 1-3/8" I.D.	41	Carbon Steel		5210-050			1
	Adapter, NEMA 182-256TC	46	Al, Anodized		5195-070			1
	Bolt, Adapter to Motor (1/2-13 x 1-1/2 FH-SHCS)	49	Carbon Steel		3415-050			4
	Bracket	45	CS/Epoxy		5196-050			1
	Bolt, Bracket to Adapter (1/2-13 x 1-1/4 SHCS)	48	18-8SS		3153-060			4
E	NEMA 254/256 TC Motor							
	Bushing, Taper Lock - 1-5/8" I.D.	41	Carbon Steel		5171-050			1
	Adapter, NEMA 182-256TC	46	Al, Anodized		5195-070			1
	Adapter, NEMA 254/256TC	46A	Al, Anodized		2890-070			1
	Bolt, Adapters to Motor (1/2-13 x 2 FH-SHCS)	49	18-8SS		3417-060			4
	Bracket	45	CS/Epoxy		5196-050			1
	Bolt, Bracket to Adapter (1/2-13 x 1-1/4 SHCS)	48	18-8SS		3153-060			4
F	NEMA 284/286TC Motor							
	Bushing, Taper Lock - 1-7/8" I.D.	41	Carbon Steel		5228-050			1
	Adapter, NEMA 284/286TC	46	CS/Epoxy		5203-050			1
	Adapter, NEMA 182-256TC	46A	Al, Anodized		5195-070			1
	Bolt, Adapter to Motor (1/2-13 x 1-1/4 SHCS)	49	18-8SS		3153-060			4
	Bolt, Adapter to Adapter (1/2-13 x 1-1/2 FH-SHCS)	49A	Carbon Steel		3415-050			4
	Bracket	45	CS/Epoxy		5196-050			1
	Bolt, Bracket to Adapter (1/2-13 x 1-1/2 SHCS)	48	18-8SS		2847-060			4

Consolidated Bill of Materials – Group II, MC (Continued)								
Code	Part Description	Ref Item #	Material	3x2x8	4x3x8G	3x2x10	4x3x10H	Qty
Position 10 Continued - Motor Frame Size (If Close-Coupled Mounted)								
G	NEMA 324/326TC Motor							
	Bushing, Taper Lock - 2-1/8" I.D.	41	Carbon Steel			5467-050		1
	Bracket	45	CS/Epoxy			5200-050		1
	Bolt, Bracket to Motor (5/8-11 x 1-1/2 SHCS)	48	18-8SS			5174-060		4
H	NEMA 364/365TC Motor							
	Bushing, Taper Lock - 2-3/8" I.D.	41	Carbon Steel			CF		1
	Adapter, NEMA 364/365TC	46	CS/Epoxy			5239-050		1
	Bracket	45	CS/Epoxy			5200-050		1
	Bolt, Bracket/Adapter/Motor (5/8-11 x 2-1/4 SHCS)	48	18-8SS			CF		4
J	NEMA 284/286TSC Motor							
	Bushing, Taper Lock - 1-5/8" I.D.	41	Carbon Steel			5171-050		1
	Adapter, NEMA 284/286TSC	46	CS/Epoxy			5240-050		1
	Bolt, Adapter to Motor (1/2-13 x 1-1/4 SHCS)	49	18-8SS			3153-060		4
	Bracket	45	CS/Epoxy			5035-050		1
	Bolt, Bracket to Adapter (1/2-13 x 1-1/4 SHCS)	48	18-8SS			3153-060		4
K	NEMA 324/326TSC Motor							
	Bushing, Taper Lock - 1-7/8" I.D.	41	Carbon Steel			5228-050		1
	Adapter, NEMA 324-365TSC	46	CS/Epoxy			5235-050		1
	Bolt, Adapter to Motor (5/8-11 x 1-1/4 SHCS)	49	18-8SS			5173-060		4
	Bracket	45	CS/Epoxy			5196-050		1
	Bolt, Bracket to Adapter (1/2-13 x 1-1/4 SHCS)	48	18-8SS			3153-060		4
L	NEMA 364/365TSC Motor							
	Bushing, Taper Lock - 1-7/8" I.D.	41	Carbon Steel			5228-050		1
	Adapter, NEMA 324-365TSC	46	CS/Epoxy			5235-050		1
	Bolt, Adapter to Motor (5/8-11 x 1-1/4 SHCS)	49	18-8SS			5173-060		4
	Bracket	45	CS/Epoxy			5196-050		1
	Bolt, Bracket to Adapter (1/2-13 x 1-1/4 SHCS)	48	18-8SS			3153-060		4

Consolidated Bill of Materials – Group II, MC (Continued)								
Code	Part Description	Ref Item #	Material	3x2x8	4x3x8G	3x2x10	4x3x10H	Qty
Position 10 Continued - Motor Frame Size (If Close-Coupled Mounted)								
U	IEC 132 Motor							
	Bushing, Taper Lock - 38 mm I.D.	41	Carbon Steel		5526-050			1
	Adapter, IEC 132, B5	46	CS/Epoxy		5536-050			1
	Bolt, Motor to Adapter (1/2-13 x 1-1/4 SHCS)	49	18-8SS		3153-060			4
	Bracket	45	CS/Epoxy		5035-050			1
	Bolt, Bracket to Adapter (1/2-13 x 1-1/4 SHCS)	48	18-8SS		3153-060			4
V	IEC 160 Motor							
	Bushing, Taper Lock - 42 mm I.D.	41	Carbon Steel		5359-050			1
	Adapter, IEC 160/180, B5	46	CS/Epoxy		5533-050			1
	Adapter, IEC 160-200, B5	46A	Al, Anodized		5211-070			1
	Bolt, Motor to Adapter (5/8-11 x 1-3/4 SHCS)	49	18-8SS		2933-060			4
	Bracket	45	CS/Epoxy		5196-050			1
	Bolt, Bracket to Adapters (1/2-13 x 2 SHCS)	48	18-8SS		2846-060			4
W	IEC 180 Motor							
	Bushing, Taper Lock - 48 mm I.D.	41	Carbon Steel		5532-050			1
	Adapter, IEC 160/180, B5	46	CS/Epoxy		5533-050			1
	Adapter, IEC 160-200, B5	46A	Al, Anodized		5211-070			1
	Bolt, Motor to Adapter (5/8-11 x 1-3/4 SHCS)	49	18-8SS		2933-060			4
	Bracket	45	CS/Epoxy		5196-050			1
	Bolt, Bracket to Adapters (1/2-13 x 2 SHCS)	48	18-8SS		2846-060			4
X	IEC 200 Motor							
	Bushing, Taper Lock - 55 mm I.D.	41	Carbon Steel		5570-050			1
	Adapter, IEC 200, B5	46	CS/Epoxy		5537-050			1
	Adapter, IEC 160-200, B5	46A	Al, Anodized		5211-070			1
	Bolt, Motor to Adapter (5/8-11 x 2 SHCS)	49	18-8SS		5337-060			4
	Bracket	45	CS/Epoxy		5196-050			1
	Bolt, Bracket to Adapters (1/2-13 x 2 SHCS)	48	18-8SS		2846-060			4
Add-Ons								
-	Guard, Coupling, Group II (Motor/Power Frame)	-	304SS		5350-013			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
-	PMP-25 Motor Load Control	-	Misc		3622-000			1