

**Eclipse Pump Series Size 12 Metallic**  
Consolidated Bill of Material

**Position 1,2,3,4 - Base Pump Material/Ports**

		Position 4 Base Pump Material and Port Connection			
		316L SS (A, G, or U)			
E12	Description	Item	Part Number	Material	Qty
Common Parts	Bolt	3	NP990556-188	Stainless Steel	5
	Screw	4	NP990558-188	Stainless Steel	4
	Grounding Hardware	19	NG990041-012	Stainless Steel	1
	Grounding Kit	N/S	NG990041-000	N/A	1
	Set Screw	5	W771004-019	Stainless Steel	1
	Nameplate	N/S	NG550003-304	Stainless Steel	1
	Drive Screw	N/S	W771000-188	Stainless Steel	2
	Plug, Drain	6	W772565-316	Stainless Steel	2
	Liner, Housing	7	NG220006-FTE	ETFE	1
	Can, Containment	17	79672	Stainless Steel	1
Cover, Front	2	NG020018-316	Stainless Steel	1	
A, C	Housing, Center FNPT	1	NG040048-316	Stainless Steel	1
G, S	Housing, Center BSPT		NG040061-316	Stainless Steel	1
U, V	Housing, Center Flange		NG040058-316	Stainless Steel	1
Position 9	S, F, B, A, C, V, D, E	18	NG200065-316	Stainless Steel	1
	T, G, P, H, J, K		NG200071-316	Stainless Steel	1

**Position 5 - Bearing Materials**

	Description	Item	Part Number	Material	Qty
L	Bearing	10	NG080002-CBN	Carbon 92	2
B	Bearing		NG080002-SIC	Silicon Carbide	2
T	Bearing		NG080013-FTF	PTFE	2

**Position 6 - O-ring Material Selection**

	Description	Item	Part Number	Material	Qty
U	O-ring Containment Can	11	W209787-TFE	PTFE	1
	O-ring Cover	12	NP440137-TFE	PTFE	1
	O-ring Compression	13	NG440129-KLZ	Kalrez	1

	Description	Item	Part Number	Material	Qty
K	O-ring Containment Can	11	W209787-KLZ	Kalrez	1
	O-ring Cover	12	NG440137-KLZ	Kalrez	1
	O-ring Compression	13	NG440129-KLZ	Kalrez	1

**Position 7 - NEMA C-Face and IEC B3/14 Metric Frame Magnetic Coupling Arrangement**

**56C NEMA frame components**

		Position 9 Magnet Options					
		S, F, B, A, C, V, D, E			T, G, P, H, J, K		
Position 7	Description	Item	Part Number	Material	Part Number	Material	Qty
F	Casing, 56-143/5TC	14	79610	Aluminum	79610	Aluminum	1
	Drive Magnet Assembly	15	79684	Stainless Steel	79604	Stainless Steel	1
	Bolt	16	W770425-STL	Steel	W770425-STL	Steel	4

**143-145TC NEMA frame components**

		Position 9 Magnet Options					
		S, F, B, A, C, V, D, E			T, G, P, H, J, K		
Position 7	Description	Item	Part Number	Material	Part Number	Material	Qty
O	Casing, 56-143/5TC	14	79610	Aluminum	79610	Aluminum	1
	Drive Magnet Assembly	15	79685	Stainless Steel	79636	Stainless Steel	1
	Bolt	16	W770425-STL	Steel	W770425-STL	Steel	4

**71 IEC B3/14 frame components**

		Position 9 Magnet Options					
		S, F, B, A, C, V, D, E			T, G, P, H, J, K		
Position 7	Description	Item	Part Number	Material	Part Number	Material	Qty
J	Casing 71 IEC	14	79681	Aluminum	79681	Aluminum	1
	Drive Magnet Assembly	15	79686	Stainless Steel	79688	Stainless Steel	1
	Motor Adaptor 71 IEC	N/S	79679	Steel	79679	Steel	1
	Bolt	N/S	16722	Steel	16722	Steel	4
	Bolt	16	NP990415-STL	Steel	NP990415-STL	Steel	4

**80 IEC B3/14 frame components**

		Position 9 Magnet Options					
		S, F, B, A, C, V, D, E			T, G, P, H, J, K		
Position 7	Description	Item	Part Number	Material	Part Number	Material	Qty
K	Casing 80 IEC	14	79681	Aluminum	79681	Aluminum	1
	Drive Magnet Assembly	15	79687	Stainless Steel	79689	Stainless Steel	1
	Motor Adaptor 80 IEC	N/S	79680	Steel	79680	Steel	1
	Bolt	N/S	16722	Steel	16722	Steel	4
	Bolt	16	NP990415-STL	Steel	NP990415-STL	Steel	4

**Position 9 - Gear Assembly Materials**

	Description	Item	Part Number	Material	Qty
-S	Gear Assembly, Drive	8	NG010029-FTE	316L / FTE	1
	Gear Assembly, Idler	9	NG010030-FTE	316L / FTE	1
-F	Gear Assembly, Drive	8	NG010048-316	Cast 316L	1
	Gear Assembly, Idler	9	NG010030-FTE	316L / FTE	1
-A	Gear Assembly, Drive	8	NG010036-FTE	Alloy C / FTE	1
	Gear Assembly, Idler	9	NG010035-FTE	Alloy C / FTE	1
-C	Gear Assembly, Drive	8	NG010048-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010035-FTE	Alloy C / FTE	1
-V	Gear Assembly, Drive	8	NG010048-316	Cast 316L	1
	Gear Assembly, Idler	9	NG010049-316	Cast 316L	1
-D	Gear Assembly, Drive	8	NG010048-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010049-HC0	Cast Alloy C	1
-E	Gear Assembly, Drive	8	NG010048-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010049-316	Cast 316L	1
-T	Gear Assembly, Drive	8	NG010048-316	Cast 316L	1
	Gear Assembly, Idler	9	NG010054-PK1	316L / PEEK	1
-G	Gear Assembly, Drive	8	NG010048-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010069-PK1	Alloy C / PEEK	1
-H	Gear Assembly, Drive	8	NG010048-316	Cast 316L	1
	Gear Assembly, Idler	9	NG010049-316	Cast 316L	1
-J	Gear Assembly, Drive	8	NG010048-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010049-HC0	Cast Alloy C	1
-K	Gear Assembly, Drive	8	NG010048-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010049-316	Cast 316L	1
-B	Gear Assembly, Drive	8	NG010040-FTE	ALA / FTE	1
	Gear Assembly, Idler	9	NG010021-FTE	ALA / FTE	1
-P	Gear Assembly, Drive	8	NG010070-PK1	ALA / PEEK	1
	Gear Assembly, Idler	9	NG010071-PK1	ALA / PEEK	1

