

Eclipse Pump Series Size 25 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)			
E25	Description	Item	Part Number	Material	Qty	
Common Parts	Bolt	3	NP990556-188	Stainless Steel	5	
	Screw	4	W770198-188	Stainless Steel	4	
	Grounding Hardware	21	NG990041-025	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	4	
	Liner, Housing	7	NG220004-FTE	ETFE	1	
	Can, Containment	17	49672	Stainless Steel	1	
	Cover, Front	2	NG020017-316	Stainless Steel	1	
A, C	Housing, Center FNPT	1	NG040047-316	Stainless Steel	1	
G, J	Housing, Center BSPT		NG040053-316	Stainless Steel	1	
U, V	Housing, Center Flange		NG040059-316	Stainless Steel	1	
Position 9	S, F, B, A, C, V, D, E	Driven Magnet Assembly	18	NG200063-316	Stainless Steel	1
	T, G, P, H, J, K	Driven Magnet Assembly	18	NG200073-316	Stainless Steel	1

Position 5 - Bearing Materials

	Description	Item	Part Number	Material	Qty
L	Bearing	10	NG080003-CBN	Carbon 92	2
B	Bearing		NG080003-SIC	Silicon Carbide	2
T	Bearing		NG080014-FTF	PTFE	2

Position 6 - O-ring Material Selection

	Description	Item	Part Number	Material	Qty
U	O-ring Containment Can	11	W209729-TFE	PTFE	1
	O-ring Cover	12	NP440147-TFE	PTFE	1
	O-ring Compression	13	NG440138-KLZ	Kalrez	1
K	O-ring Containment Can	11	W209729-KLZ	Kalrez	1
	O-ring Cover	12	NG440147-KLZ	Kalrez	1
	O-ring Compression	13	NG440138-KLZ	Kalrez	1

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

		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	14	49610	Aluminum	49610	Aluminum	1
	Spool 56C/143-STC	19	49627	Aluminum	49627	Aluminum	1
	Drive Magnet Assembly	15	49731	Stainless Steel	49604	Stainless Steel	1
	Bolt	16	16722	Steel	16722	Steel	4
	Bolt	20	W770424-STL	Steel	W770424-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	14	49610	Aluminum	49610	Aluminum	1
	Spool 56C/143-STC	19	49627	Aluminum	49627	Aluminum	1
	Drive Magnet Assembly	15	49732	Stainless Steel	49636	Stainless Steel	1
	Bolt	16	16722	Steel	16722	Steel	1
	Bolt	20	W770424-STL	Steel	W770424-STL	Steel	4

80 IEC B34 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	14	49610	Aluminum	49610	Aluminum	1
	Spool, 80 IEC	19	49727	Aluminum	49727	Aluminum	1
	Drive Magnet Assembly	15	49733	Stainless Steel	49735	Stainless Steel	1
	Bolt, Casing	16	16722	Steel	16722	Steel	4
	Bolt, Motor	20	NP990415-STL	Steel	NP990415-STL	Steel	4

90 IEC B34 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
L	Casing	14	49610	Aluminum	49610	Aluminum	1
	Spool, 90 IEC	19	49728	Aluminum	49728	Aluminum	1
	Drive Magnet Assembly	15	49734	Stainless Steel	49736	Stainless Steel	1
	Bolt, Casing	16	16722	Steel	16722	Steel	4
	Bolt, Motor	20	NP990478-STL	Steel	NP990478-STL	Steel	4

182/184TC 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
S	Casing, 56-143/5TC	14	49610	Aluminum	49610	Aluminum	Qty
	Spool 182/184TC E25	19	NG110029-ALU	Aluminum	NG110029-ALU	Aluminum	1
	Drive Magnet Assembly	15	NG200075-000	Stainless Steel	NG200076-000	Stainless Steel	1
	Bolt, Casing	16	16722	Steel	16722	Steel	1
	Bolt, Motor	20	W770438-STL	Steel	W770438-STL	Steel	4
	Set Screw	5	W771004-046	Steel	W771004-046	Steel	4
	Flat Washer 1/4" Casing Bolt	23	W774030-STL	Steel	W774030-STL	Steel	1
	Flat Washer 1/2" Motor Bolt	22	W771011-STL	Steel	W771011-STL	Steel	4
Pipe Plug .25 NPT	24	W772585-002	Steel	W772585-002	Steel	4	

Position 9 - Gear Assembly Materials

	Description	Item	Part Number	Material	Qty
-S	Gear Assembly, Drive	8	NG010028-FTE	316L / FTE	1
	Gear Assembly, Idler	9	NG010027-FTE	316L / FTE	1
-F	Gear Assembly, Drive	8	NG010050-316	Cast 316L	1
	Gear Assembly, Idler	9	NG010027-FTE	316L / FTE	1
-A	Gear Assembly, Drive	8	NG010034-FTE	Alloy C / FTE	1
	Gear Assembly, Idler	9	NG010033-FTE	Alloy C / FTE	1
-C	Gear Assembly, Drive	8	NG010050-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010033-FTE	Alloy C / FTE	1
-V	Gear Assembly, Drive	8	NG010050-316	Cast 316L	1
	Gear Assembly, Idler	9	NG010051-316	Cast 316L	1
-D	Gear Assembly, Drive	8	NG010050-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010051-HC0	Cast Alloy C	1
-E	Gear Assembly, Drive	8	NG010050-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010051-316	Cast 316L	1
-T	Gear Assembly, Drive	8	NG010050-316	Cast 316L	1
	Gear Assembly, Idler	9	NG010055-PK1	316L / PEEK	1
-G	Gear Assembly, Drive	8	NG010050-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010072-PK1	Alloy C / PEEK	1
-H	Gear Assembly, Drive	8	NG010050-316	Cast 316L	1
	Gear Assembly, Idler	9	NG010051-316	Cast 316L	1
-J	Gear Assembly, Drive	8	NG010050-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010051-HC0	Cast Alloy C	1
-K	Gear Assembly, Drive	8	NG010050-HC0	Cast Alloy C	1
	Gear Assembly, Idler	9	NG010051-316	Cast 316L	1
-B	Gear Assembly, Drive	8	NG010041-FTE	ALA / FTE	1
	Gear Assembly, Idler	9	NG010017-FTE	ALA / FTE	1
-P	Gear Assembly, Drive	8	NG010073-PK1	ALA / PEEK	1
	Gear Assembly, Idler	9	NG010074-PK1	ALA / PEEK	1

