

**ECLIPSE METALLIC PUMP MODEL STRING**

AVAILABLE MODEL	Code	DESCRIPTION	E	-	-	-	-	-	-
POSITIONS 1,2,3		All pumps include ATEX Directive - CE Ex II 20 T6 II 2D T6 SIZE 02 - MAX. CAPACITY 4 GPM (1.5 LPM) 1/4" FNPT / 1/4" BSPT, ISO 7-1 SIZE 05 - MAX. CAPACITY 1.7 GPM (0.3 LPM) 1/2" FNPT / 1/2" BSPT, ISO 7-1 / FLANGED 50-150# ANSI / DIN1015 - PN16 SIZE 12 - MAX. CAPACITY 3.4 GPM (0.9 LPM) 1/2" FNPT / 1/2" BSPT, ISO 7-1 / FLANGED 75-150 ANSI / DIN 3240 - PN16 SIZE 25 - MAX. CAPACITY 7.4 GPM (2.8 LPM) 3/4" FNPT / 3/4" BSPT, ISO 7-1 / FLANGED 75-150 ANSI / DIN 3240 - PN16 SIZE 75 - MAX. CAPACITY 20 GPM (7.6 LPM) 1-1/2 FNPT / 1-1/2 BSPT ISO 7-1 / FLANGED 1-1/2"-150# ANSI / DIN 3240 - PN16 SIZE 125 - MAX. CAPACITY 33 GPM (12.5 LPM) 1-1/2 FNPT / 1-1/2 BSPT ISO 7-1 / FLANGED 1-1/2"-150# ANSI / DIN 3240 - PN16							
PUMP SIZE	E								
POSITION 4	02,05,12,25,75,125	A 316LSS / FNPT G 316LSS / BSPT, ISO 7-1 C ALLOY C / FNPT S ALLOY C / BSPT, ISO 7-1 U 316LSS / FLANGE V ALLOY C / FLANGE							
BASE MATERIAL	02,05,12,25,75,125	C ALLOY C / FNPT S ALLOY C / BSPT, ISO 7-1 V ALLOY C / FLANGE							
POSITION 5 BEARINGS	02,05,12,25,75,125	L CARBON B SILICON CARBIDE ** Silicon Carbide bearings, must select Position 9 = B or P (Alumina ceramic shafts.) T GTFTE							
POSITION 6 O-RINGS	02,05,12,25,75,125	U PTFE K Kalrez Grade 4079 (recommended for fluctuating temperature applications)							
POSITION 7 MOTOR FRAME MOUNTING	02,05,12,25,75,125	F NEMA 56C (C-face, rigid base, 5/8" shaft diameter, 4x 3/16"-16 tapped holes on a 5-7/8" bolt circle) D NEMA 143B7C (C-face, rigid base, 7/8" shaft diameter, 4x 3/16"-16 tapped holes on a 6-7/8" bolt circle) H IEC B3/B14 (rigid base, face, 11 mm motor shaft diameter, 4x M6 tapped holes on a 75 mm bolt circle) J IEC 71 B3/B14 (rigid base, face, 14 mm motor shaft diameter, 4x M6 tapped holes on a 85 mm bolt circle) K IEC B3/B14 (rigid base, face, 19 mm motor shaft diameter, 4x M6 tapped holes on a 100 mm bolt circle) L IEC B3/B14 (rigid base, face, 24 mm motor shaft diameter, 4x M6 tapped holes on a 115 mm bolt circle) R NEMA - Pedestal with 1-1/2" Shaft Diameter (182-184T or 213-215) U NEMA - Pedestal with 20mm Shaft Diameter (100-112, B3)							
POSITION 8	02,05,12,25,75,125	- DASH							
POSITION 9 SHAFT / GEAR / MAGNET OPTIONS	02,05,12,25,75,125	MATERIALS OF CONSTRUCTION*							
		DRIVE (shaft / gear)	IDLER (shaft / gear)	STANDARD MAGNET MATERIAL	MAX. TEMP				
		S 316L / CFTFE	316L / CFTFE	EQZ/E7E125	EQS/E12,EQ5	200°F (93°)			
		F 316L / 316L	316L / CFTFE			200°F (93°)			
		B ALUMINA / CFTFE	ALUMINA / CFTFE	Samarium Cobalt	Neodymium	200°F (93°)			
		A Alloy C / CFTFE	Alloy C / CFTFE			200°F (93°)			
		C Alloy C / Alloy C	Alloy C / CFTFE			200°F (93°)			
		V 316L / 316L	316L / 316L	NOT AVAILABLE		300°F (149°)			
		D Alloy C / Alloy C	Alloy C / Alloy C	NOT AVAILABLE	Neodymium	300°F (149°)			
		E Alloy C / Alloy C	316L / 316L	NOT AVAILABLE		300°F (149°)			
		T 316L / 316L	316L / PEEK			400°F (204°C)			
		G Alloy C / Alloy C	Alloy C / PEEK	Samarium Cobalt	Samarium Cobalt	400°F (204°C)			
		P ALUMINA / PEEK	ALUMINA / PEEK			400°F (204°C)			
		H 316L / 316L	316L / 316L			450°F (232°C)			
		J Alloy C / Alloy C	Alloy C / Alloy C	Samarium Cobalt	Samarium Cobalt	450°F (232°C)			
		K Alloy C / Alloy C	316L / 316L			450°F (232°C)			
POSITION 10 OPTIONS	02,05,12,25,75,125	N (LEAVE BLANK FOR FULLY CONFIGURED PUMP) W END ONLY (Requires 7th position code identifying motor frame mounting)							

\*MATERIALS OF CONSTRUCTION:  
CFTFE = Carbon Filled PTFE gear

**ECLIPSE METALLIC KOPKIT MODEL STRING**

AVAILABLE MODEL	Code	DESCRIPTION	KE	X	-	-	-	-	-
POSITIONS 1,2,3		All pumps include ATEX Directive - CE Ex II 20 T6 II 2D T6 SIZE 02 - MAX. CAPACITY 4 GPM (1.5 LPM) 1/4" FNPT / 1/4" BSPT, ISO 7-1 SIZE 05 - MAX. CAPACITY 1.7 GPM (0.3 LPM) 1/2" FNPT / 1/2" BSPT, ISO 7-1 / FLANGED 50-150# ANSI / DIN1015 - PN16 SIZE 12 - MAX. CAPACITY 3.4 GPM (0.9 LPM) 1/2" FNPT / 1/2" BSPT, ISO 7-1 / FLANGED 75-150 ANSI / DIN 3240 - PN16 SIZE 25 - MAX. CAPACITY 7.4 GPM (2.8 LPM) 3/4" FNPT / 3/4" BSPT, ISO 7-1 / FLANGED 75-150 ANSI / DIN 3240 - PN16 SIZE 75 - MAX. CAPACITY 20 GPM (7.6 LPM) 1-1/2 FNPT / 1-1/2 BSPT ISO 7-1 / FLANGED 1-1/2"-150# ANSI / DIN 3240 - PN16 SIZE 125 - MAX. CAPACITY 33 GPM (12.5 LPM) 1-1/2 FNPT / 1-1/2 BSPT ISO 7-1 / FLANGED 1-1/2"-150# ANSI / DIN 3240 - PN16							
PUMP SIZE	E								
POSITION 4	02,05,12,25,75,125	X							
POSITION 5 BEARINGS	02,05,12,25,75,125	L CARBON B SILICON CARBIDE ** Silicon Carbide bearings, must select Position 9 = B or P (Alumina ceramic shafts.) T GTFTE							
POSITION 6 O-RINGS	02,05,12,25,75,125	U PTFE K Kalrez Grade 4079 (recommended for fluctuating temperature applications)							
POSITION 7 SHAFT / GEAR AND OPTIONS SUFFIX		MATERIALS OF CONSTRUCTION*							
		DRIVE (shaft / gear)	IDLER (shaft / gear)	STANDARD MAGNET MATERIAL	MAX. TEMP				
		S-LTE 316L / CFTFE	316L / CFTFE	EQZ/E7E125	EQS/E12,EQ5	200°F (93°)			
		F-LTE 316L / 316L	316L / CFTFE			200°F (93°)			
		B-LTE ALUMINA / CFTFE	ALUMINA / CFTFE	Samarium Cobalt	Neodymium	200°F (93°)			
		A-LTE Alloy C / CFTFE	Alloy C / CFTFE			200°F (93°)			
		C-LTE Alloy C / Alloy C	Alloy C / CFTFE			200°F (93°)			
		V-LTE 316L / 316L	316L / 316L	NOT AVAILABLE		300°F (149°)			
		D-LTE Alloy C / Alloy C	Alloy C / Alloy C	NOT AVAILABLE	Neodymium	300°F (149°)			
		E-LTE Alloy C / Alloy C	316L / 316L	NOT AVAILABLE		300°F (149°)			
		T-LTE 316L / 316L	316L / PEEK			400°F (204°C)			
		G-LTE Alloy C / Alloy C	Alloy C / PEEK	Samarium Cobalt	Samarium Cobalt	400°F (204°C)			
		P-LTE ALUMINA / PEEK	ALUMINA / PEEK			400°F (204°C)			
		H-LTE 316L / 316L	316L / 316L			450°F (232°C)			
		J-LTE Alloy C / Alloy C	Alloy C / Alloy C	Samarium Cobalt	Samarium Cobalt	450°F (232°C)			
		K-LTE Alloy C / Alloy C	316L / 316L			450°F (232°C)			
		S-STD 316L / CFTFE	316L / CFTFE			200°F (93°)			
		F-STD 316L / 316L	316L / CFTFE			200°F (93°)			
		B-STD ALUMINA / CFTFE	ALUMINA / CFTFE	Samarium Cobalt	Neodymium	200°F (93°)			
		A-STD Alloy C / CFTFE	Alloy C / CFTFE			200°F (93°)			
		C-STD Alloy C / Alloy C	Alloy C / CFTFE			200°F (93°)			
		V-STD 316L / 316L	316L / 316L	NOT AVAILABLE		300°F (149°)			
		D-STD Alloy C / Alloy C	Alloy C / Alloy C	NOT AVAILABLE	Neodymium	300°F (149°)			
		E-STD Alloy C / Alloy C	316L / 316L	NOT AVAILABLE		300°F (149°)			
		T-STD 316L / 316L	316L / PEEK			400°F (204°C)			
		G-STD Alloy C / Alloy C	Alloy C / PEEK	Samarium Cobalt	Samarium Cobalt	400°F (204°C)			
		P-STD ALUMINA / PEEK	ALUMINA / PEEK			400°F (204°C)			
		H-STD 316L / 316L	316L / 316L			450°F (232°C)			
		J-STD Alloy C / Alloy C	Alloy C / Alloy C	Samarium Cobalt	Samarium Cobalt	450°F (232°C)			
		K-STD Alloy C / Alloy C	316L / 316L			450°F (232°C)			

\*MATERIALS OF CONSTRUCTION:  
CFTFE = Carbon Filled PTFE gear