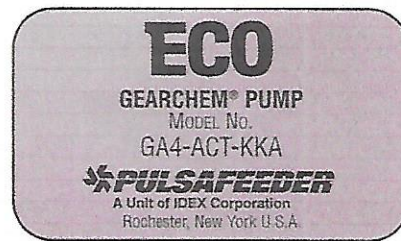
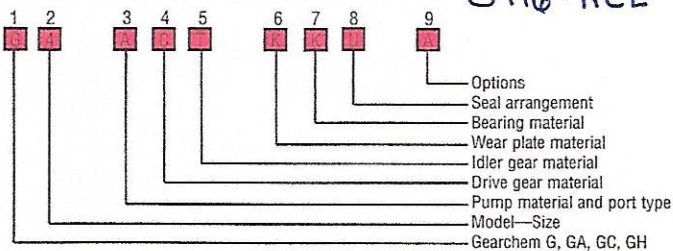


How To Select The Right Pump.

GH6-KCE-KKA



Position No.
Model No.



1A16
1.50# ANSI flange
1/2" inlet & outlet
1/2" connection
10 gal/100 rev
1.0 cc / rev
1"
100 psi (700 kPa)
10 in Hg (abs)
200 psi
1150 rpm
30 gpm
0.6 m³/hr
10,000 cP
None
F (232°C)
°F (-73°C)
0-14
1/2" nominal sleeve
1/2" compressed fluid
1/2" antern
1/2" ng box
1/2" le internal double
100 ps (36 kg)

All ECO pump identification plates include the basic model number. These numbers fully describe the pump and seal specifications necessary for the future identification of your pump, and the replacement of parts or equipment, as needed.

Look at the sample model number (above) to see what information these numbers contain.

Note: Be sure to provide complete nameplate data when you order spare parts or replacement pumps.

No "G" option

Pump identification number selection guide

Position 1	Gearchem External Spur Gear Pump									
G = Original Version, Foot Mounted Only	2,4,6,8									
GA = Mechanical Seal, Foot Mounted Only	2,4,6,8,12,16									
GC = Mechanical Seal, C-Face Motor Mounting Assembly	2,4,6,8									
GH = Higher Pressure Model, Foot Mounted Only	6,8									
Position 2	Pump Size									
Port Size	2	4	6	8	16	*8	12	16		
Capacity (GPM MAX)	.25"	.50"	.75"	1.00"	1.50"	2.00"	2.50"	3.00"		
Differential Pres (PSI MAX)	1.5	3	10	20	10	20	26	55		
	100	100	100	50	200	100	100	100		
Position 3	Available Pump Metallurgies and Type Port Connection									
A = 316SS FNPT	X	X	X	X	X	X	X	X		
C = Alloy C FNPT	X	X	X	X	X	X	X	X		
D = Alloy 20 FNPT	X	X	X	X	X	X	X	X		
K = 316SS FBSPT	X	X	X	X	X	X	X	X		
M = Alloy C FBSPT	X	X	X	X	X	X	X	X		
N = Alloy 20 FBSPT	X	X	X	X	X	X	X	X		
U = 316SS Flanged									X	X
V = Alloy C Flanged									X	X
W = Alloy 20 Flanged									X	X
Position 4	Drive Gear Material									
C = Alloy C	X	X	X	X	X	X	X	X		
D = Alloy 20	X	X	X	X	X	X	X	X		
T = TFE (Glass-filled) (1)	X	X	X	X	X	X	X	X		
E = PEEK (1)	X	X	X	X	X	X	X	X		
Position 5	Idler Gear Material									
C = Alloy C (2)	X	X	X	X	X	X	X	X		
D = Alloy 20 (2)	X	X	X	X	X	X	X	X		
K = Carbon	X	X	X	X	X	X	X	X		
T = TFE (Glass-filled)	X	X	X	X	X	X	X	X		
E = PEEK	X	X	X	X	X	X	X	X		
Position 6	Wear Plate Material									
K = Carbon	X	X	X	X	X	X	X	X		
T = TFE (Glass-filled)	X	X	X	X	X	X	X	X		
Z = Ceramic (3)	X	X	X	X	X	X	X	X		
E = PEEK	X	X	X	X	X	X	X	X		
Position 7	Shaft and Bearing Material									
K = Standard Carbon	X	X	X	X	X	X	X	X		
T = TFE (Glass-filled)	X	X	X	X	X	X	X	X		
L = Extended Life Carbon	X	X	X	X	X	X	X	X		
C = Extended Life Carbon 'CW' Shafts	X	X	X	X	X	X	X	X		
4 = Standard Carbon (Slotted)										
Position 8	Seal Arrangement									
	G 2-4	GA/GC 2-4	G 6-8	GA/GC 6-8	GH *6	GH *8	GA 12-16			
PACKING										
B = TFE Rings	X		X							
G = Grafoil® Rings	X		X							
J = Viton Lip Seal H-C Spring(4)	X		X							
N = TFE Rings Lantern	X		X							
R = Grafoil® / Lantern	X		X		X	X				
MECHANICAL SEALS (5)										
BELLOWS										
A = Single Seal: Carbon Rotary / Viton Ceramic Seat / Viton		X		X						
C = Double Seal: Carbon Rotary / Viton Ceramic Seat / Viton (6)		X		X						
P = Single Seal: Siliconized Rotary / EPR Siliconized CBD Seat / TFE		X		X						
WEDGE										
E = Double Seal: Carbon Rotary / TFE Silicon CBD Seat / TFE (6)		X		X	X	X		X		
Q = Single Seal: Teflon Rotary / TFE Silicon CBD Seat / TFE		X		X	X	X		X		
U = Single Seal: Carbon Rotary / TFE Silicon CBD Seat / TFE		X		X	X	X		X		
V = External Seal: Carbon Rotary / TFE Metallic Seat / TFE	X		X							
W = External Seal: Carbon Rotary / TFE Silicon CBD Seat / TFE			X							
Z = External Seal: Vacuum Carbon Rotary / TFE Metallic Seat / TFE	X		X							
24 = Single Seal: Carbon Rotary / TFE Metallic Seat / TFE									X	
44 = Double Seal: Carbon Rotary / TFE Metallic Seat / TFE (6)									X	
Position 9	Options									
Consult your local distributor for options to meet your special requirements										

Notes:

- Maximum differential pressure allowed for plastic/plastic gears is 50PSIG.
- Pumps with metallic drive and idler gears require minimum viscosity of 100 cps and are limited to 1440 RPM maximum speed for G2-GH8 pumps and 1150 RPM for GA12-16 pumps.
- Ceramic wear plates with metallic gears require minimum viscosity of 100 cps.
- Viton U-cup lip seals are limited to 25 psi.
- Not all mechanical seals available in all metallurgies.
- Double mechanical seals must be pressurized with seal fluid 15 to 20 PSIG above the pump discharge pressure.