

GlobalGear® Model Number System

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|-------------|--------------|--------------------------|--------------------------|--------------|----------------|-----------|------------|-----------|-----------|------------------|----------------|-----------|----------|------------|
| Pump Series | Pump Size | Material of Construction | Port Position & Rotation | Relief Valve | Sealing Method | Seal Type | Seal Flush | Port Type | Port Size | Shaft Dimensions | Bushings & Pin | Tutriding | Jackets | Clearances |
| G G | 2 1 0 | I | A | V | M | A | 1 | A | K | I | A | 0 | 0 | 0 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

Pump Series

GG = complete pump
 GD = drive module
 IG = Integral ported pump (Available only on 015 & 030 sizes with 1-1/2" NPT & BSP port).

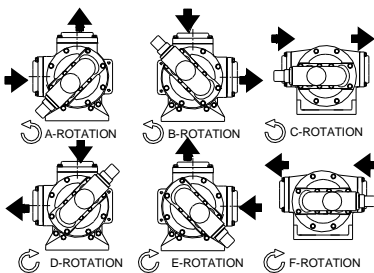
Pump Size

015 = nominal 15 GPM at 1800 RPM
 030 = nominal 30 GPM at 1800 RPM
 050 = nominal 50 GPM at 1500 RPM
 070 = nominal 70 GPM at 1500 RPM
 080 = nominal 80 GPM at 1500 RPM
 090 = nominal 90 GPM at 1500 RPM
 120 = nominal 120 GPM at 1200 RPM
 130 = nominal 130 GPM at 1000 RPM
 200 = nominal 200 GPM at 1000 RPM
 210 = nominal 210 GPM at 800 RPM
 250 = nominal 200 GPM at 640 RPM
 550 = 4" - nominal 420 GPM at 420 RPM
 550 = 6" - nominal 550 GPM at 500 RPM

Material of Construction

I = Iron
 S = Stainless Steel
 Not Available in 050, 070, 090, 120, 200 or 550 Size
 C = Cast Steel
 Available only in 130, 250 & 550 Sizes

Port Position & Rotation



Relief Valve

0 = none
 V = internal

Sealing Method

P = packing
 I = IB mechanical seal (behind rotor)
 M = OB mechanical seal (in stuffing box)
 C = cartridge mechanical seal

Seal Type

0 = no gland or packing
 A = standard packing (graphite/PTFE)**
 C = food-grade packing (pure PTFE)
 E = Viton mechanical seal
 F = PTFE mechanical seal
 H = abrasion-resistant mech. seal (Viton)
 L = general purpose single cartridge seal (<75,000 SSU)
 M = hard face cartridge seal
 N = process single cartridge seal (<75,000 SSU)
 Q = Heavy Duty Slurry (Viton)
 R = Heavy Duty Slurry (Chemraz)
 T = TuffSeall cartridge lip seal (Viton)
 K = Triple Lip - PMF PTFE- Viton
 P = Hard Faces Cartridge Single Mech. Seal (Tungsten Carbide/Silicar-Viton) w/ Quench & Drain

Seal Flush

0 = none
 1 = internal vent to suction (API Plan 13)

Port Type

0 = none
 A = FNPT
 C = ANSI 125# flanged (C.I. only)
 D = ANSI 150# flanged
 E = ANSI 250# flanged (C.I. only)
 F = ANSI 300# flanged

Port Size

0 = none
 H = 1-1/2" or 40mm
 I = 2" or 50mm
 J = 2-1/2" or 65mm
 K = 3" or 80mm
 L = 4" or 100mm
 N = 6" or 150mm

Shaft Dimensions

I = Inch seal & coupling
 M = Metric seal & coupling

Bushings & Pin

A = bronze idler & bracket
 C = carbon idler, bronze bracket
 D = carbon idler & bracket
 E = hi-temp carbon idler & bracket
 G = T.C. idler with T.C. pin, bronze bracket
 I = T.C. idler & bracket with T.C. pin & hardened shaft

Tutriding

0 = none
 1 = Tuttrided rotor head, idler, cover
 2 = Tuttrided rotor head, idler, cover, housing

Jackets

0 = none
 1 = cover only
 2 = bracket only
 3 = cover and bracket

Clearances

0 = standard (<7500 SSU, -100° to 200°F)
 A = 7500 to 75,000 SSU OR 200° to 300°F
 B = 75,000 to 750,000 SSU
 G* = 300°F to 450°F (see note)
 H* = 450°F to 600°F (see note)

* Note: Pumps with G, H in this position include hi-temp package (paint, bearing & gaskets).

**Note: Standard packing is good to 600°F

Abbreviations:

C.I. = Cast Iron
 T.C. = Tungsten Carbide

For special pumps with any feature not described above

| Pump Series | Pump Size | Matl | Special Indicator | Year of Design | Sequential Special Number |
|-------------|--------------|----------|-------------------|----------------|---------------------------|
| G G | 2 1 0 | I | - X | 0 1 | 5 6 |