VSG Graphite Pressure Seal

Design Requirement Form

EGC ENGINEERED SOLUTIONS
A Michelin Group Company

Please complete all required fields below and **email the form to VSG@egcgraphite.com**. Accurate and complete information is essential for proper design, quotation, and manufacturing of your EGC graphite pressure seal.
INCOMPLETE or INACCURATE submissions may delay or prevent order processing.

Contact Name _____

Company _____

Plant _____

Phone _____

Email _____

While EGC recommends providing photos, descriptions, or sketches with the data sheet, these are required for valves with abnormal configurations or poor condition to ensure proper replacement seal ring design.

Valve mating components related to the pressure seal ring with diametrical clearance more than .050" must be reported to EGC during design review (ex: backing rings, keeper rings, major bonnet OD, etc.)

** Bonnet Neck Height: Please note any uninstalled pressure seal height restrictions. Ex: bonnet threads, jack screw plate assemblies, recess or relief cuts.*

*** Valve Body ID: Any taper, out of roundness, cuts, grooves, or damage to the valve body ID within the seal ring area must be reported to EGC with the data sheet.*

Valve Manufacturer _____

Valve Figure No. _____

Valve Size _____

Valve Type _____

Valve Pressure Class _____

Seals Required _____

Fastener Size _____

Fastener Grade _____

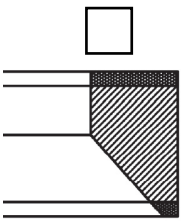
Fastener Quantity _____

Will the valve by hydro-tested? _____

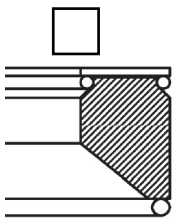
Were the dimensions taken from a new or used seal?

☐ New ☐ Used

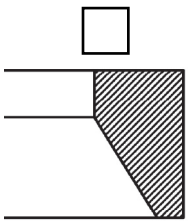
Select the EXISITING seal type below:



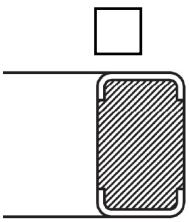
☐ Graphite w/ Mesh Caps



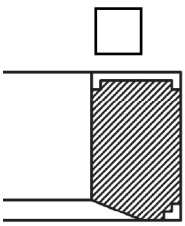
☐ VSG Pro



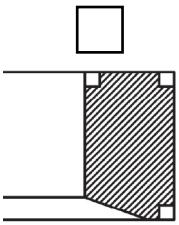
☐ Metal Seal



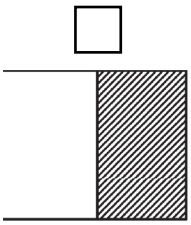
☐ Graphite Rectangle w/ Caps



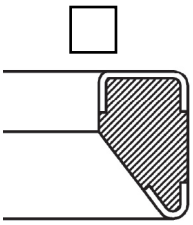
☐ Graphite Rectangle Partial w/Caps



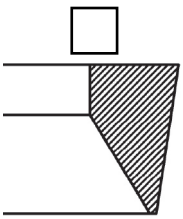
☐ Graphite Wire Corners



☐ All Graphite, No Caps



☐ Graphite Wedge w/ Caps



☐ ***Metal Seal w/OD Taper

***If selected, please use: OD Angled Seals Requirement Form.

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A) Backing Ring OD _____

B) Backing Ring ID _____

C) Backing Ring Thickness _____

D) Seal OD _____

E) Seal ID _____

F) Seal Shoulder _____

G) Seal Height _____

H) Seal Toe _____

I) Seal Angle _____

J) Bonnet Neck OD _____

K) Bonnet Angle _____

L) Bonnet Neck Height* _____

M) Bonnet Major OD _____

N) Bonnet Toe Width _____

O) Valve Body ID** _____

Bonnet Retainment Type:

☐ Segmented Ring ☐ Screw-in-Retainer

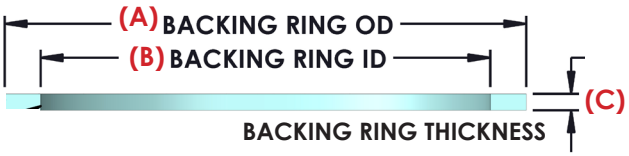
Other: _____

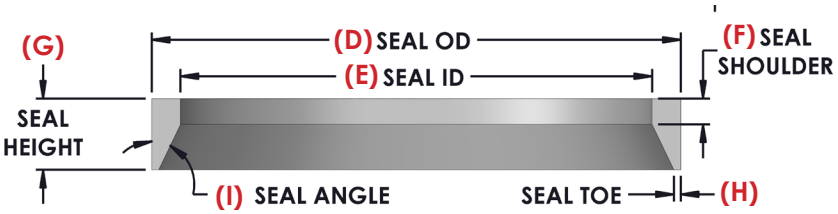
Notes: _____

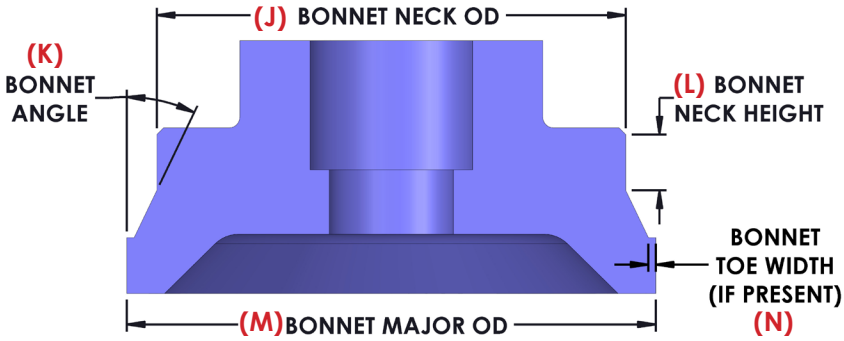
_____

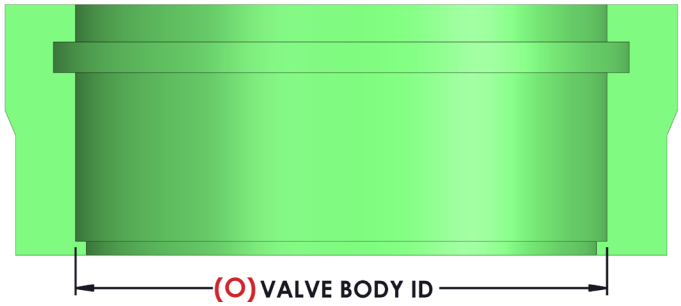
_____

Record all inch (in.) measurements to 0.000 and all millimeter (mm) measurements to 0.00, including trailing zeros.









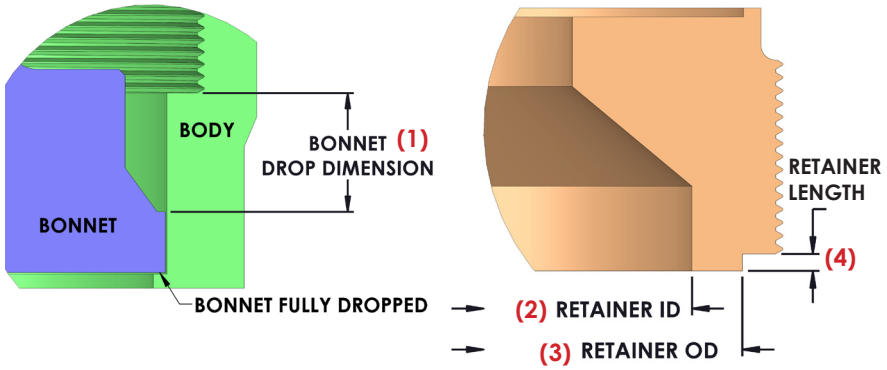
Screw in Retainer ONLY Specs 1-4

1) Bonnet Drop Dimension _____

2) Retainer ID _____

3) Retainer OD _____

4) Retainer Length _____



EGC ENGINEERED SOLUTIONS
A Michelin Group Company

Headquarters
140 Parker Court
Chardon, OH 44024

Local 440-285-5835
Toll-Free 800-342-0211
Fax 440-285-8337
Email egc@egcgraphite.com

www.egcgraphite.com

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