



Technical Service Request (TSR)

Fax:(515) 292-6250
Mail To: 1107 Airport Road Ames, IA 50010
Email: brads@vbseals.com Attn: TSR

Application New Existing All bold boxes are required
 Customer New Existing for new applications.

TSR # _____
 Proj. # _____
 Phone # _____

If FastTrak proposal is acceptable, check HERE

Written by _____ Date _____
 Engr. Rev. _____ Date _____

Assigned To: _____ Hours _____
 Engr Release: _____ Date _____

Customer Information

Our Part # _____
 Cust. Part # _____
 Cust. Drawing # _____
 Check if drawing is Source or Spec Controlled
 Company _____
 Street _____
 City _____ ST _____ ZIP _____
 Engr. Contact _____
 Tel. _____ Fax. _____
 E-mail address: _____
 Purch Contact _____
 Tel. _____ Fax _____

Sales & Marketing Information

Market _____
 Proj.Pot.\$ _____ Cust.Pot. \$ _____
 Product/Program _____ Seals/yr _____
 Application / Device _____
 Target Price \$ _____ Comp. Price \$ _____
 Existing seal _____
 Competitors _____
 Fill in prototype delivery date if required _____
 Fill in expected production date if known _____

Seal Style and Material Recommendation

Similar to part # _____
 Seal Type _____
 Sealing Element material _____
 Energizing Material _____
 Seal Case Material _____
 Back-Up Ring Material _____
 Coating/Finishing _____

Engineering Action

New Design Lab analysis Calculation
 Drawing Change & Required for In-Process Orders
 Drawing Change & Not Required for In-Process Orders
 Finite Element Analysis (FEA)
 Others _____
 Send drawing / report to:
 DSM Distributor Customer
 Others _____
 Send via:
 Fax Mail E-Mail

Engineering Response PDR

Indicate costing quantity(s) below If required:

Qty of _____

Special Instruction: _____

Comments / Sketches

Operating Conditions

Static Media / Fluid _____

Rotary RPM _____ Direction (from air or low pressure side of seal) CW CCW

Oscillatory Rate _____ Oscillatory Degree _____

Dither Rate _____ Dither Degree _____

Linear / Reciprocating Stroke (units) _____ Rate / Speed _____

Dither Stroke _____ Dither Rate _____

Friction Breakout _____ Running _____

Pressure (units) Operating _____ Proof _____ Burst _____

Temperature (units) Operating _____ High _____ Low _____

Bore/Shaft Misalignment (T.I.R) _____ Shaft Runout (T.I.R) _____

Life Requirement _____ Allowable Leakage _____

Is Seal Installation Tooling Req'd Yes No

Hardware

Gland Type (1-9)

Surface A _____ Surface B _____

Material: _____

Hardness: _____

Coating: _____

Finish: _____

Can gland be changed? Yes No

A Dia. _____ + _____ - _____

B Dia. _____ + _____ - _____

D Dia. _____ + _____ - _____

E Gap _____ + _____ - _____

J Dim. _____ + _____ - _____

Sketches / Additional Information:

See attached hardware drawings.

Is there any concern that there is not a bearing close to the seal?

G Dim. _____ + _____ - _____

C Dim. _____ + _____ - _____

H Dim. _____ + _____ - _____

