

RUGGED SINGLE CARTRIDGE DESIGNS *FOR BARGE PUMPS*

BPS-S

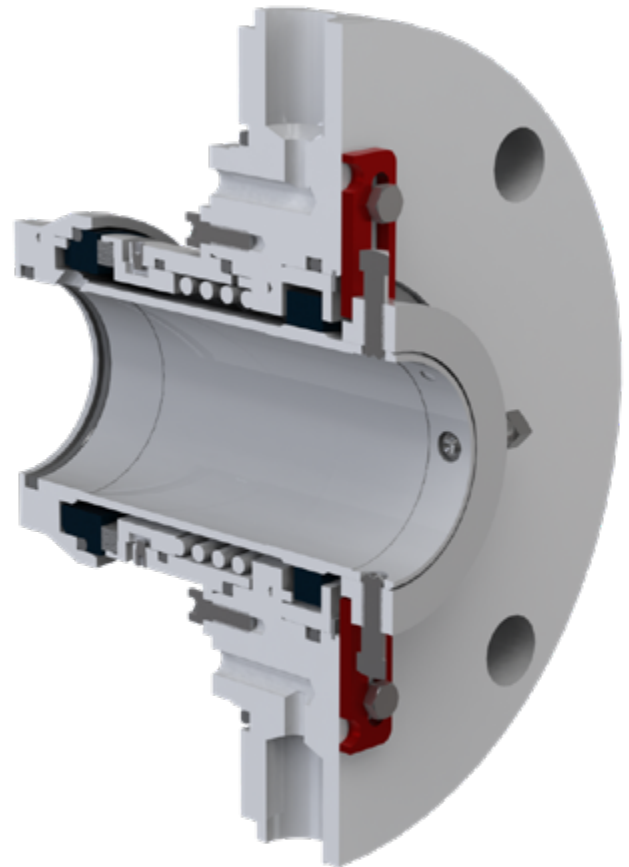
- Stationary pusher design for clean services
- Robust single spring isolated from product

BPS-B

- Rotating edge welded metal bellows design
- Self-cleaning when operating in dirty or high viscosity services
- Eliminates dynamic elastomer improving seal reliability

BOTH DESIGNS

- Simple cartridge seal installation
- Hydraulically balanced
- Containment bushing ensures no damage to sleeve, unlike competitors
- Utilizable with Plans 13/65



MATERIALS OF CONSTRUCTION

Seal Faces	Al Carbon, Sintered Silicon Carbide, Ni-B Tungsten Carbide, Carbon, Diamond Coated Silicon Carbide
Elastomers	FKM standard, FFKM, Other materials available upon request
Bellows & Spring	Alloy C-276 / 316 SS
Fixed & Floating Busings	Carbon
Metallurgy	316 SS with Alloy 255 retainers

OPERATING PARAMETERS

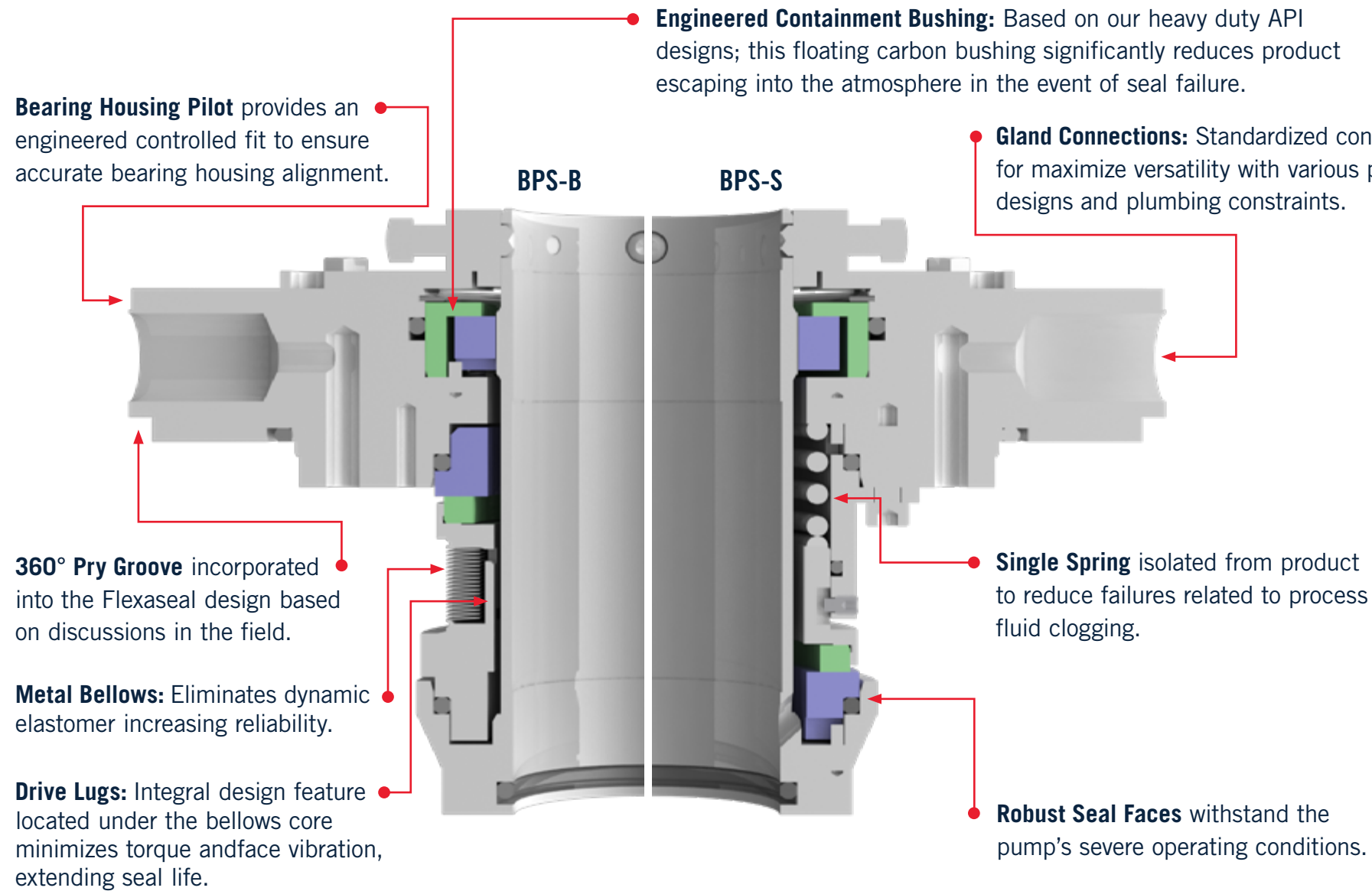
Allowable Axial + Radial Movement	.125"
Pressure	up to 300 psi (20 bar)
Temperature	up to 400°F (204°C)
Speeds	up to 3600 RPM

* Max Temperature / pressure / speed indicate operating extremes independently and do not imply the seal will function at these extremes at the same time. Contact Flexaseal if in doubt.

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DESIGN FEATURES & BENEFITS



Plan 65

