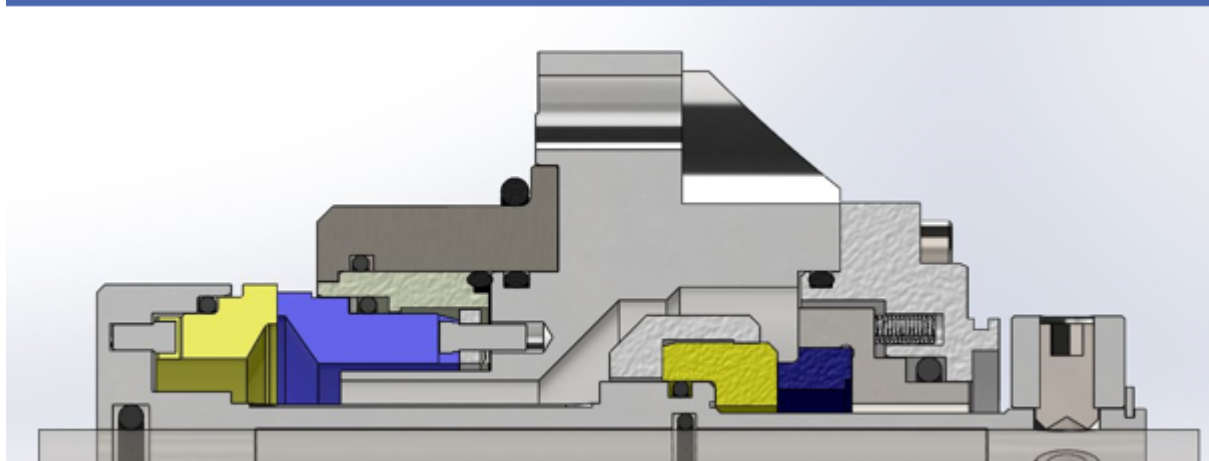


TOTALSEAL SLURRY DEFENDER – DOUBLE HIGH DUTY SEAL



Double reverse balanced, multi-spring cartridge seal with high pressure outboard seal engineered to operate in harsh slurry services where corrosive, toxic or volatile liquids are being handled.

This seal outperforms if used along with pressurised barrier fluid circulation system.

Seal Capacity Application Limits	Max product pressure	20 bar
	Max barrier pressure	25 bar
	Max temperature	200°C *
	<i>*depending on materials</i>	
	Max speed	12m/s
<i>see speed chart</i>		

Seal Capacity Envelope limits ** engineering selection only	Max product pressure	33 bar
	Max barrier pressure	40 bar
	Max temperature	200°C *
	<i>*depending on materials</i>	
	Max speed	20m/s
<i>see speed chart</i>		

Materials of Construction	Rotary Face	Silicon Carbide
	Stationary Face	Silicon Carbide
	Elastomers	Viton
	Metal Parts	Duplex
	Springs	316SS
<i>other materials available depending on the application</i>		

Shaft Diameter	TOTALSEAL Part Number
50mm	TS-SDD-HP-Q1Q1VGG1-0500
60mm	TS-SDD-HP-Q1Q1VGG1-0600(3/2)
60mm	TS-SDD-HP-Q1Q1VGG1-0600(4/3)
85mm	TS-SDD-HP-Q1Q1VGG1-0850
100mm	TS-SDD-HP-Q1Q1VGG1-1000
120mm	TS-SDD-HP-Q1Q1VGG1-1200
130mm	TS-SDD-HP-Q1Q1VGG1-1300
145mm	TS-SDD-HP-Q1Q1VGG1-1450
165mm	TS-SDD-HP-Q1Q1VGG1-1650
180mm	TS-SDD-HP-Q1Q1VGG1-1800
190mm	TS-SDD-HP-Q1Q1VGG1-1900
220mm	TS-SDD-HP-Q1Q1VGG1-2200

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