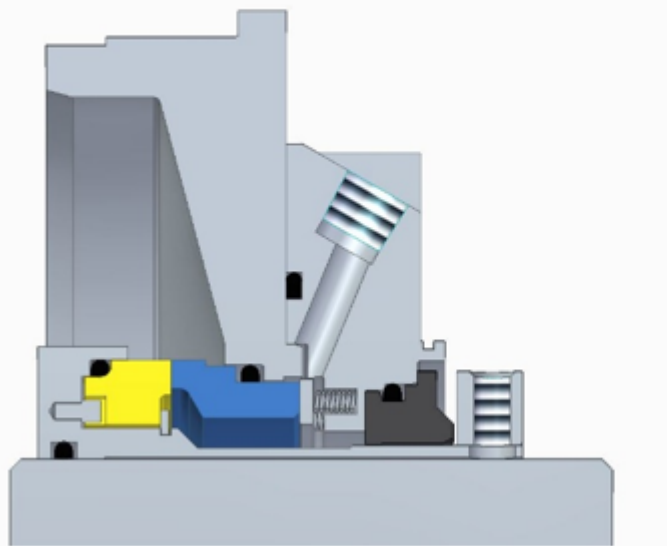


TOTALSEAL SLURRY DEFENDER – QUENCH (TANDEM) SEAL



Single balanced, multi-spring cartridge seal suited for common slurry applications in mining industry.

Comes with Quench connections to improve seal efficiency in hot and scaling slurry applications.

Seal Capacity Application Limits	Max pressure	15 bar
	Max temperature	160°C *
	<i>*depending on materials</i>	
	Max speed	15m/s
<i>see speed chart</i>		

Seal Capacity Envelope limits ** engineering selection only	Max pressure	30 bar
	Max temperature	160°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-SDT-Q1Q1VGG1-0500
60mm	TS-SDT-Q1Q1VGG1-0600(3/2)
60mm	TS-SDT-Q1Q1VGG1-0600(4/3)
85mm	TS-SDT-Q1Q1VGG1-0850
100mm	TS-SDT-Q1Q1VGG1-1000
120mm	TS-SDT-Q1Q1VGG1-1200
130mm	TS-SDT-Q1Q1VGG1-1300
145mm	TS-SDT-Q1Q1VGG1-1450
165mm	TS-SDT-Q1Q1VGG1-1650
180mm	TS-SDT-Q1Q1VGG1-1800
190mm	TS-SDT-Q1Q1VGG1-1900
220mm	TS-SDT-Q1Q1VGG1-2200

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