

Seal Solutions Inc.

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Type VS21

Type VS2

COMMERCIAL HOT WATER CIRCULATING PUMP REPLACEMENT MECHANICAL SEALS ARMSTRONG and BELL & GOSSETT

VS8B2 used on B&G Model 80-SC Pumps

Seal Solutions	Seal	Shaft	Materials of Construction	Bell & Gossett
Part No.	Type	Size		Part No.
VS-P75202	VS8B2	1.250	EPDM / Premium Carbon / SiC / 316 SS	P75202
VS-P75202SC	VS8B2	1.250	EPDM / Graphite Loaded SiC / SiC / 316 SS	P75202SC
VS-975002334	VS8B2	1.625	EPDM / Premium Carbon / SiC / 316 SS	P75203
VS-975002334SC	VS8B2	1.625	EPDM / Graphite Loaded SiC / SiC / 316 SS	P75203SC



Features

- External Seal Design
- Pressure Balanced
- Temperatures to 450° F with Aflas® o-rings
- Set Screw Driven for positive drive
- Multiple Springs create consistent face pressure
- Unitized Rotating Assembly simplifies installation
- Aflas® & FKM O-rings available upon request

VSRO used on B&G Models 80-S, 1510-S, 1531-S, VSC-S*, VSCS-S*

Seal Solutions	Seal	Shaft	Materials of Construction	Bell & Gossett
Part No.	Type	Size		Part No.
VS-P85070	VSRO	1.250	EPDM / TC / Premium Carbon / SS	P85070
VS-P85070SC	VSRO	1.250	EPDM / SiC / Graphite Loaded SiC / SS	P85070
VS-185050	VSRO	1.625	EPDM / TC / Premium Carbon / SS	185050
VS-185050SC	VSRO	1.625	EPDM / SiC / Graphite Loaded SiC / SS	185050
VS-185051	VSRO	2.000	EPDM / TC / Premium Carbon / SS	185051
VS-185051SC	VSRO	2.000	EPDM / SiC / Graphite Loaded SiC / SS	185051

VS-185052	VSRO	2.625	EPDM / TC / Premium Carbon / SS	185052
VS-185052SC	VSRO	2.625	EPDM / SiC / Graphite Loaded SiC / SS	185052
VS-185054	VSRO	2.625	EPDM / SiC / Premium Carbon / SS	185054
VS-185053	VSRO	3.750	EPDM / TC / Premium Carbon / SS	185053
VS-185053SC	VSRO	3.750	EPDM / SiC / Graphite Loaded SiC / SS	185053
VS-185055	VSRO	3.750	EPDM / SiC / Premium Carbon / SS	185055

Split Case Pumps Require 2 Seals



Features

- Temperatures to 450° F with Aflas® o-rings
- Set Screw Driven for positive drive
- Multiple Springs create consistent face pressure
- Unitized Rotating Assembly simplifies installation
- Aflas® & FKM O-rings available upon request

VS21 used on Bell & Gossett Series 1510 / 1531 / 80 Pumps

Seal Solutions	Seal	Shaft	Materials of Construction	Bell & Gossett
Part No.	Type	Size		Part No.
VS-392	VS21	.500	NBR / Premium Carbon / Cer / SS	118680, 118681
VS-3920	VS21	.500	EPDM/SiC/SiC/SS	118681ESC
VS-437	VS21	.750	NBR / Premium Carbon / Cer / SS	186499
VS-978*	VS21	1.250	NBR / Premium Carbon / Cer / SS	186860, 186862
VS-978V*	VS-21	1.250	FKM / Premium Carbon / Cer / SS	185060
VS-238	VS-21	1.625	NBR / Premium Carbon / Cer / SS	186544

VS2100 used on B&G Model VSX

Seal Solutions	Seal	Shaft	Materials of Construction	Bell & Gossett
Part No.	Type	Size		Part No.
VS-4357	VS2100	2.000	EPDM / Premium Carbon / SiC / SS	P5001889
VS-4357SC	VS2100	2.000	EPDM / GSIC / RB-SiC / SS	P5001028
VS-3804	VS2100	2.500	EPDM / Premium Carbon / SiC / SS	P5001891
VS-3804SC	VS2100	2.500	EPDM / GSIC / RB-SiC / SS	P5001086
VS-3802	VS2100	3.000	EPDM / Premium Carbon / SiC / SS	P5001893
VS-3802SC	VS2100	3.000	EPDM / GSIC / RB-SiC / SS	P5001237
VS-3793	VS2100	3.500	EPDM / Premium Carbon / SiC / SS	P5001895
VS-3793SC	VS2100	3.500	EPDM / GSIC / RB-SiC / SS	P5001238

Split Case Pumps Require 2 Seals

Optional Seat Design



Features

- Unitized Rotating Assembly Simplifies Installation
- Full Convolution Elastomer Bellows Is Pressure Supported
- Interlocking Drive Band Tabs Reduce Bellows Stress
- Temperatures to 300° F
- Other Elastomers & Seal Faces Available Upon Request

Other materials available upon request. VS2100 with 316SS, add "GG" to SSI Part# VS-XXXXXXGG.