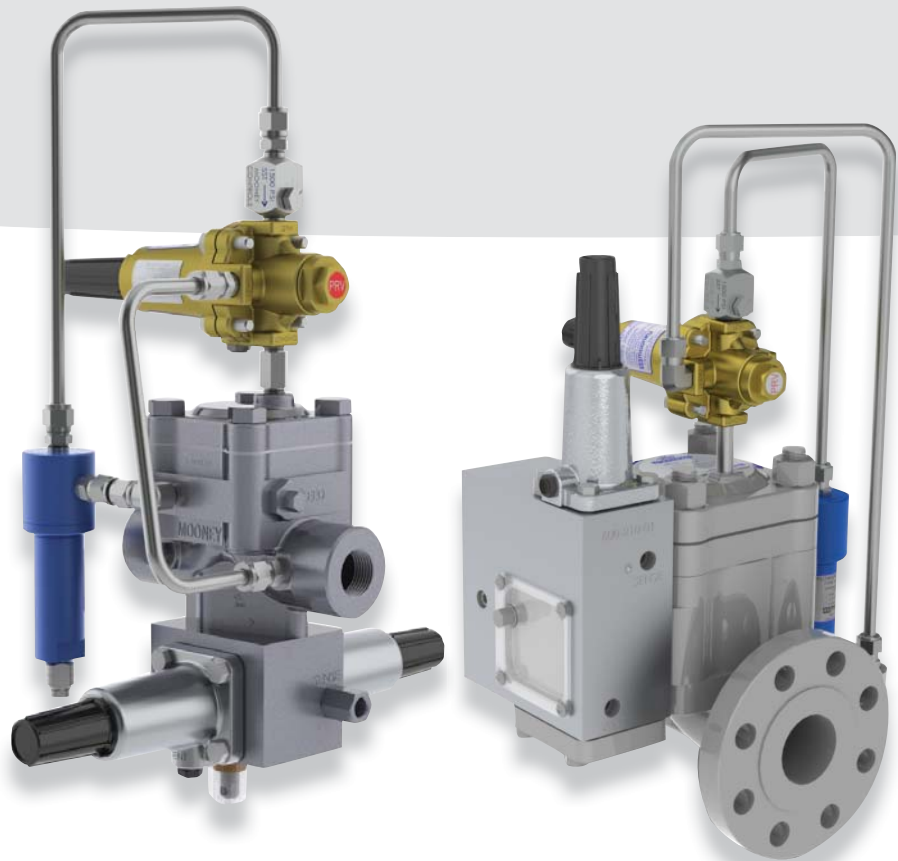


Mooney® Flowgrid® Slam Shut Order Guide

Supplement to Parts List



This is a guide to help in the selection of the Flowgrid Slam Shut Regulators, Stand Alone Slam Shut Valve and the Slam Shut Retrofit Kit for Flowgrid® Regulators

1 inch Flowgrid Regulator with an Integrated SSV

Body Code	Description
SG 123	1 inch NPT
SG 124	1.25 inch NPT
SG 125	1 inch SWE
SG 126	1.25 inch SWE
SG 127	CL 150 RF
SG 128	CL 300 RF

Main Spring Code	Description
	Standard

L	Low Differential
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Throttle Plate Code	Description
100	100% Slotted
75	75% Slotted
50	50% Slotted
35	35% Slotted
100 DH	100% Drilled Hole
75 DH	75% Drilled Hole
50 DH	50% Drilled Hole
35 DH	35% Drilled Hole
75 SDH	75% Stepped Drilled Hole
50 SDH	50% Stepped Drilled Hole
35 SDH	35% Stepped Drilled Hole

Diaphragm Code	Description
60	60 Durometer
75	75 Durometer
80H	80 Durometer High ACN
80L	80 Durometer Low ACN
V	Viton®

Controller Type Code	Description
A	Series 41 (Single Function)
B	Series 41D (Dual Function)

Seat Material Code	Description
N	95 Durometer Nitrile
B	80L Durometer Nitrile

Function 1

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 1 Color
R	5 - 10 psi (0.35 - 0.7 Bar)	Red
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

Function 2

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 2 Color
R	5 - 10 psi (0.35 - 0.7 Bar)	Red
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

SA-123 — B N O B U R

**1 inch Stand Alone Slam Shut Valve
(Code SA)**

Body Code	Description
SA 123	1 inch NPT
SA 124	1.25 inch NPT
SA 125	1 inch SWE
SA 126	1.25 inch SWE
SA 127	CL 150 RF
SA 128	CL 300 RF

Controller Type Code	Description
A	Series 41 (Single Function)
B	Series 41D (Dual Function)

Seat Material Code	Description
N	95 Durometer Nitrile
B	80L Durometer Nitrile

Function 1

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 1 Color
R	5 - 10 psi (0.35 - 0.7 Bar)	Red
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

Function 2

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 2 Color
R	5 - 10 psi (0.35 - 0.7 Bar)	Red
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

SG-2

L - 75 SDH - 80H - B N O B U PL

2 inch Flowgrid Standard Port Regulators with an Integrated SSV

Body Code	Description
SG 1	2" NPT
SG 2	2" SWE
SG 3	CL 150 RF
SG 4	CL 300 RF
SG 15	CL 150/300 Flangeless
SG 76	Buttweld

2 inch Flowgrid Large Port Regulators with an Integrated SSV

Body Code	Description
SG 27	2" NPT
SG 28	2" SWE
SG 29	CL 150 RF
SG 30	CL 300 RF
SG 35	CL 150/300 Flangeless
SG 77	Buttweld

3 inch Flowgrid Regulators with an Integrated SSV

Body Code	Description
SG 16	CL 150 RF
SG 17	CL 300 RF
SG 61	CL 150/300 Buttweld

4 inch Flowgrid Large Port Regulators with an Integrated SSV

Body Code	Description
SG 39	CL 150 RF
SG 40	CL 300 RF
SG 63	CL 150/300 Buttweld

Main Spring Code	Description
	Standard
L	Low Differential

Throttle Plate Code	Description
100	100% Slotted
75	75% Slotted
50	50% Slotted
35	35% Slotted
100 DH	100% Drilled Hole
75 DH	75% Drilled Hole
50 DH	50% Drilled Hole
35 DH	35% Drilled Hole
75 SDH	75% Stepped Drilled Hole
50 SDH	50% Stepped Drilled Hole
35 SDH	35% Stepped Drilled Hole

Diaphragm Code	Description
60	60 Durometer
75	75 Durometer
80H	80 Durometer High ACN
80L	80 Durometer Low ACN
V	Viton®

Controller Type Code	Description
A	Series 50 (Single Function)
B	Series 50D (Dual Function)
C	Series 50 DS (Dual Function, Dual Sense)

Seat Material Code	Description
N	Nitrile

Function 1

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 1 Color
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

Function 2

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 2 Color
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

SG-82 — L - 75 - 80H - B N O B U PL

2 inch Flowgrid 250 Regulators with an Integrated SSV

Body Code	Description
SG 82	NPT
SG 83	CL 150 RF
SG 84	CL 150 FF

Main Spring Code	Description
	Standard
L	Low Differential

Restrictor Plate Code	Description
None 100	None 100% Capacity
75	75% Capacity
50	50% Capacity
35	35 % Capacity

Diaphragm Code	Description
60	60 Durometer
75	75 Durometer
80H	80 Durometer High ACN
80L	80 Durometer Low ACN
V	Viton®

Controller Type Code	Description
A	Series 50 (Single Function)
B	Series 50D (Dual Function)
C	Series 50 DS (Dual Function, Dual Sense)

Seat Material Code	Description
N	Nitrile

Function 1

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 1 Color
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

Function 2

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 1 Color
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

SA-82

B N O B U PL

2 inch Flowgrid 250 Stand Alone Slam Shut Valve (Code SA) or added on Integrated Slam Shut Valve to a Flowgrid Regulator (Code SR)

Body Code	Description
SA 82, SR 82	NPT
SA 83, SR 83	CL 150 RF
SA 84, SR 84	CL 150 FF

Controller Type Code	Description
A	Series 50 (Single Function)
B	Series 50D (Dual Function)
C	Series 50DS (Dual Function, Dual Sense)

Seat Material Code	Description
N	Nitrile

Function 1

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 1 Color
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

Function 2

Protection Pressure Code	Description
U	Under Pressure Trip
O	Over Pressure Trip

Spring Range Code	Description	Function 2 Color
PL	10 - 40 psi (0.7 - 3 Bar)	Plated
B	40 - 90 psi (3 - 6 Bar)	Blue
P	90 - 175 psi (6-12 Bar)	Purple
BK	175 - 250 psi (12 - 17 Bar)	Black
WG	250 - 450 psi (17 - 31 Bar)	White/Green

For additional assistance contact your local Dresser representative.

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