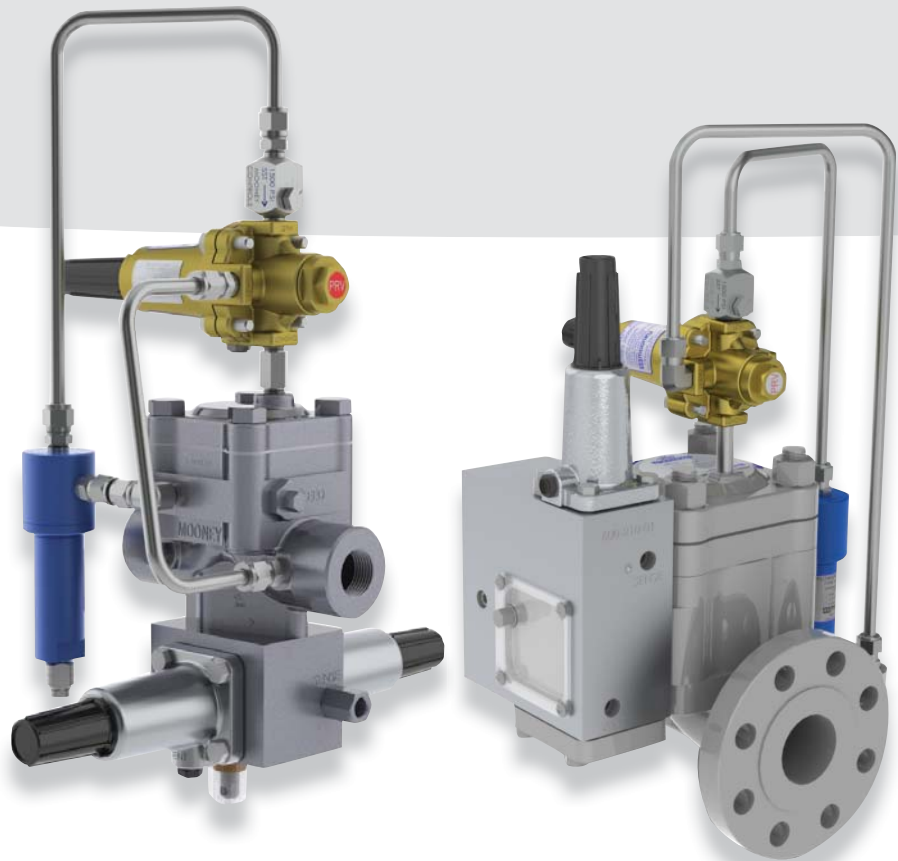




Mooney® Flowgrid® Slam Shut Order Guide

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 |

| 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) | Silver |
| 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) | Silver |
| 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 |

**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) | Silver |
| 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) | Silver |
| 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) | Silver |
| 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) | Silver |
| 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) | Silver |
| 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) | Silver |
| 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) | Silver |
| 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) | Silver |
| 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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