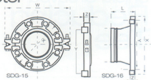


Shield Grooved & Adaptor Flange



Grooved Flange SDG-15 & Adaptor Flange SDG-16 PN10/PN16

| Nominal Size in | Pipe O.D. mm | Max. Working Pressure PG | Grooved Flange Dimensions | | | | | Adaptor Flange Dimensions | | | | | | |
|-----------------|--------------|--------------------------|---------------------------|------|------|------|----------------------------|---------------------------|------|-------|------|------|----------------------------|-----------|
| | | | W mm | Z mm | X mm | Y mm | Bolt / Nut No. - Size (mm) | Weight Kg | L mm | X mm | Y mm | Z mm | Bolt / Nut No. - Size (mm) | Weight Kg |
| 1 1/2 | 48.3 | 300 | 195 | 24 | 150 | 110 | 2-M12x55 4-M16 | 1.80 | 80.3 | 150 | 110 | 16 | 4-M16 | 1.56 |
| 2 | 60.3 | 300 | 220 | 24 | 165 | 125 | 2-M12x55 4-M16 | 2.30 | 80.3 | 152.5 | 125 | 18 | 4-M16 | 2.21 |
| 3 O.D. | 76.1 | 300 | 235 | 24 | 185 | 145 | 2-M12x55 4-M16 | 2.85 | 80.3 | 185 | 145 | 18 | 4-M16 | 3.47 |
| 3 | 88.9 | 300 | 252 | 24 | 200 | 160 | 2-M12x55 8-M16 | 3.10 | 80.3 | 200 | 160 | 18 | 8-M16 | 4.00 |
| 4 | 114.3 | 300 | 280 | 25.5 | 229 | 180 | 2-M12x55 8-M16 | 4.15 | 80.3 | 229 | 180 | 18 | 8-M16 | 4.20 |
| 5/8" O.D. | 139.7 | 300 | 320 | 25.5 | 254 | 210 | 2-M12x55 8-M16 | 4.70 | 80.3 | 254 | 210 | 18 | 8-M16 | 5.25 |
| 6/8" O.D. | 165.1 | 300 | 348 | 25.5 | 280 | 240 | 2-M12x55 8-M16 | 5.25 | 85.1 | 280 | 240 | 20 | 8-M20 | 6.64 |
| 6 | 168.3 | 300 | 348 | 25.5 | 280 | 240 | 2-M12x55 8-M16 | 5.20 | 85.1 | 280 | 240 | 20 | 8-M20 | 6.91 |
| 8 | 219.1 | 300 | 405 | 32.0 | 340 | 295 | 2-M12x55 12-M16 | 8.55 | 78.1 | 340 | 295 | 23 | 12-M20 | 10.70 |
| 10 | 273.0 | 300 | 485 | 33.0 | 406 | 355 | 2-M12x55 12-M16 | 12.00 | 85 | 406 | 355 | 24 | 12-M24 | 19.00 |
| 12 | 323.9 | 300 | 560 | 33.0 | 480 | 410 | 2-M12x55 12-M16 | 18.30 | 90 | 480 | 410 | 32 | 12-M24 | 30.80 |

Grooved Flange SDG-15 & Adaptor Flange SDG-16 ANSI 125/150

| Nominal Size in | Pipe O.D. mm | Max. Working Pressure PG | Grooved Flange Dimensions | | | | | Adaptor Flange Dimensions | | | | | | |
|-----------------|--------------|--------------------------|---------------------------|------|------|-----------------------|-----------|---------------------------|------|------|------|-----------------------|-----------|--|
| | | | X mm | Z mm | Y mm | Bolt / Nut Size - No. | Weight Kg | L mm | X mm | Y mm | Z mm | Bolt / Nut Size - No. | Weight Kg | |
| 2.5 | 73.0 | 300 | 178 | 24 | 140 | 5/8 4 | 2.30 | 80.3 | 178 | 140 | 18 | 5/8 4 | 1.56 | |
| 3 | 88.9 | 300 | 190 | 24 | 152 | 5/8 4 | 2.50 | 80.3 | 191 | 152 | 18 | 5/8 4 | 2.21 | |
| 4 | 114.3 | 300 | 229 | 24 | 191 | 5/8 8 | 3.50 | 80.3 | 229 | 191 | 18 | 5/8 8 | 3.47 | |
| 5 | 141.3 | 300 | 254 | 24 | 218 | 3/4 8 | 4.40 | 80.3 | 254 | 218 | 18 | 3/4 8 | 4.00 | |
| 6 | 168.3 | 300 | 279 | 25 | 241 | 3/4 8 | 4.60 | 85.1 | 279 | 241 | 20 | 3/4 8 | 6.91 | |
| 8 | 219.1 | 300 | 342 | 32 | 296 | 3/4 8 | 7.10 | 78.1 | 342 | 296 | 23 | 3/4 8 | 10.70 | |
| 10 | 273.0 | 300 | 408 | 34 | 362 | 7/8 12 | 10.50 | 85 | 408 | 362 | 24 | 7/8 12 | 19.00 | |
| 12 | 323.9 | 300 | 482 | 34 | 432 | 7/8 12 | 15.90 | 90 | 482 | 432 | 32 | 7/8 12 | 30.80 | |

SHIELD reserves the right to change the contents without notice • Refer to UL/FM approvals for details.

