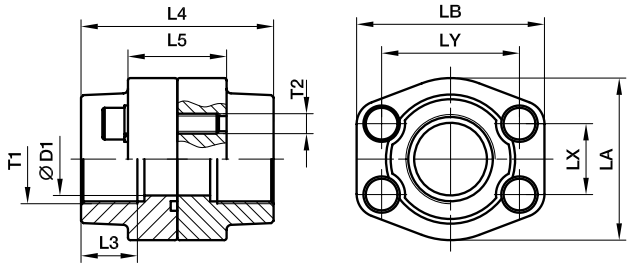
## PDFS-G SAE Straight 4 bolt flange connection

SAE Flange / Female BSPP thread
(ISO 6162-1/-2) (ISO 1179-1)




**3000 PSI Series**

| Nom. flange size SAE (in.) | Nom. flange size ISO (DN) | T1 | D1 | L3 | L4 | L5 | LA | LB | LX | LY | T2 (metr.) | T2 (unc.) | Weight (steel) kg/piece | Order code* | PN (bar)[1] S | PN (bar)[1] SS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2 | 13 | **G 3/8** | 13 | 19 | 72 | 32 | 47 | 57 | 17.5 | 38.1 | M 8 | 5/16 | 0.50 | **PDFS080G38** | 345 | 345 |
| 1/2 | 13 | **G 1/2** | 13 | 19 | 72 | 32 | 47 | 57 | 17.5 | 38.1 | M 8 | 5/16 | 0.56 | **PDFS080G** | 345 | 345 |
| 3/4 | 19 | **G 3/4** | 19 | 19 | 72 | 36 | 49 | 66 | 22.3 | 47.6 | M10 | 3/8 | 0.78 | **PDFS100G** | 345 | 345 |
| 1 | 25 | **G 1** | 25 | 19 | 76 | 36 | 53 | 71 | 26.2 | 52.4 | M10 | 3/8 | 0.92 | **PDFS102G** | 345 | 345 |
| 1 1/4 | 32 | **G 1 1/4** | 31 | 22 | 82 | 42 | 69 | 80 | 30.2 | 58.7 | M10 | 7/16 | 1.32 | **PDFS104G** | 276 | 276 |
| 1 1/2 | 38 | **G 1 1/2** | 38 | 24 | 88 | 48 | 77 | 94 | 35.7 | 69.9 | M12 | 1/2 | 2.10 | **PDFS106G** | 207 | 207 |
| 2 | 51 | **G 2** | 50 | 26 | 90 | 48 | 89 | 103 | 42.9 | 77.8 | M12 | 1/2 | 2.38 | **PDFS108G** | 207 | 207 |
| 2 1/2 | 64 | **G 2 1/2** | 63 | 30 | 100 | 48 | 101 | 115 | 50.8 | 88.9 | M12 | 1/2 | 2.80 | **PDFS110G** | 172 | 172 |
| 3 | 76 | **G 3** | 73 | 34 | 100 | 53 | 124 | 135 | 61.9 | 106.4 | M16 | 5/8 | 4.30 | **PDFS112G** | 138 | 138 |
| 3 1/2 | 89 | **G 3 1/2** | 89 | 27 | 100 | 54 | 136 | 152 | 69.9 | 120.7 | M16 | 5/8 | 4.80 | **PDFS114G** | 34 | 34 |
| 4 | 102 | **G 4** | 99 | 30 | 100 | 54 | 146 | 162 | 77.8 | 130.2 | M16 | 5/8 | 5.70 | **PDFS116G** | 34 | 34 |
| 5 | 127 | **G 5** | 120 | 30 | 100 | 54 | 180 | 184 | 92.1 | 152.4 | M16 | 5/8 | 6.60 | **PDFS118G** | 34 | 34 |

**6000 PSI Series**

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2 | 13 | **G 3/8** | 13 | 19 | 72 | 32 | 47 | 57 | 18.2 | 40.5 | M 8 | 5/16 | 0.52 | **PDFS401G38** | 420 | 420 |
| 1/2 | 13 | **G 1/2** | 13 | 19 | 72 | 32 | 47 | 57 | 18.2 | 40.5 | M 8 | 5/16 | 0.58 | **PDFS401G** | 420 | 420 |
| 3/4 | 19 | **G 3/4** | 19 | 22 | 72 | 38 | 53 | 71 | 23.8 | 50.8 | M10 | 3/8 | 1.00 | **PDFS402G** | 420 | 420 |
| 1 | 25 | **G 1** | 25 | 24 | 88 | 48 | 69 | 80 | 27.8 | 57.2 | M12 | 7/16 | 1.52 | **PDFS403G** | 420 | 420 |
| 1 1/4 | 32 | **G 1 1/4** | 31 | 25 | 88 | 54 | 77 | 94 | 31.8 | 66.6 | M14 | 1/2 | 2.40 | **PDFS404G** | 420 | 420 |
| 1 1/2 | 38 | **G 1 1/2** | 38 | 28 | 102 | 60 | 89 | 106 | 36.5 | 79.3 | M16 | 5/8 | 3.30 | **PDFS405G** | 420 | 420 |
| 2 | 51 | **G 2** | 50 | 33 | 140 | 74 | 116 | 135 | 44.5 | 96.8 | M20 | 3/4 | 4.90 | **PDFS406G** | 420 | 420 |
| 2 1/2 | 64 | **G 2 1/2** | 63 | 35 | 150 | 90 | 150 | 166 | 58.7 | 123.8 | M24 | – | 6.50 | **PDFS407G** | 420 | 420 |
| 3 | 76 | **G 3** | 73 | 40 | 180 | 110 | 178 | 208 | 71.4 | 152.4 | M30 | – | 8.00 | **PDFS408G** | 420 | 420 |

N

[1] Pressure shown = Item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

*Please add the **suffixes** below according to the material/surface required.

| Order code suffixes | | | | |
|---|---|---|---|---|
| Material | Suffix surface and material | Example 4 bolt flange coupling incl. metr. screws and O-ring | Example 4 bolt flange coupling incl. UNC screws and O-ring | Standard sealing material (no additional suffix needed) |
| Steel, blanc oil dipped | S | PDFS080GS | PDFS080GSU | NBR |
| Stainless steel | SS | PDFS080GSS | – | VIT |



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