

PN 16 (EN1092-2)

Grooved split adapter flanges allow the connection between flanged and grooved end equipment.

Reference		Nominal size		Pipe Ø O.D.	Grooved split flange dimensions (PN16, EN 1092-2)							Weight	Marking
Red	Galva	NPS inch	DN mm	mm	L mm	Ø D mm	Ø d mm	Thickness	Holes n	Hole Ø mm	Bolt size	kg	
GSF16R	GSF16G	2	50	60,3	210	165	125	25	4	18	M16	1,64	XGQT09
GSF16R	GSF16G	2½	65	73,0	240	182	145	25	4	18	M16	2,16	XGQT09
GSF16R	GSF16G	2½	65	76,1	240	182	145	25	4	18	M16	2,11	XGQT09
GSF16R	GSF16G	3	80	88,9	250	194	160	25	8	18	M16	2,54	XGQT09
GSF16R	GSF16G	4	100	108,0	266	216	180	25	8	18	M16	2,48 <sup>1)</sup>	XGQT09
GSF16R	GSF16G	4	100	114,3	266	216	180	25	8	18	M16	2,60	XGQT09
GSF16R	GSF16G	5	125	133,0	300	247	210	25	8	18	M16	3,59 <sup>1)</sup>	XGQT09
GSF16R	GSF16G	5	125	139,7	300	247	210	25	8	18	M16	2,87	XGQT09
GSF16R	GSF16G	5	125	141,3	300	247	210	25	8	18	M16	2,97	XGQT09
GSF16R	GSF16G	6	150	159,0	336	282	240	25	8	22	M20	3,63 <sup>1)</sup>	XGQT09
GSF16R	GSF16G	6	150	165,1	336	282	240	25	8	22	M20	3,52	XGQT09
GSF16R	GSF16G	6	150	168,3	336	282	240	25	8	22	M20	4,19	XGQT09
GSF16R	GSF16G	8	200	219,1	395	335	295	25	12	22	M20	5,61	XGQT09
GSF16R	GSF16G	10	250	273,0	470	405	355	25	12	26	M24	7,84 <sup>1)</sup>	XGQT09

**Material specifications**

**Housing:** ductile iron conform to ASTM A536 GR 65-45-12

**Coating:** red paint coating RAL 3000, EPD Epoxy coating

**Bolts and nuts:** medium carbon steel, zinc electroplated, quenched and tempered.

**Rubber gasket:** EPDM gaskets dispose of the international certifications and have undergone the aging test at 110C/230°F during a period of 45 days/1080 hours and the frozen test at -40°C/-40°F during a period of 4 days/96 hours.

**Working pressure**

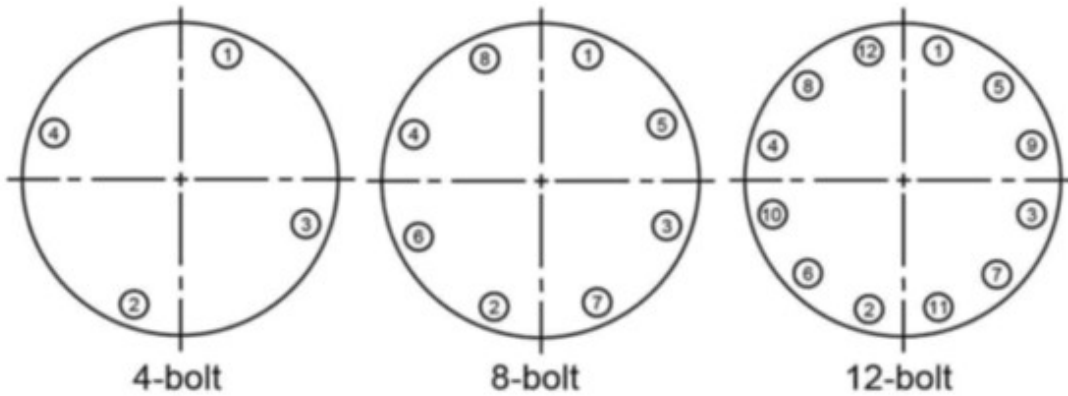
300 PSI/2068 kPa

**General notes:**

- <sup>1)</sup> No FM- and UL-approval.
- Pressure ratings listed are CWP (cold working pressure) or MWP (maximum working pressure) at a maximum service temperature of 50°C. This rating may occasionally differ from maximum working pressure listed and/or approved by UL and/or FM, as testing conditions and test pipes differ. For more information, please contact info@pipinglogistics.eu.
- Maximum working pressure listed is total of internal and external pressures, based on standard weight (ANSI) steel pipe and standard roll or cut groove, in accordance with Profit specifications. For more information, please contact info@pipinglogistics.eu.
- For one time field test only, the maximum joint working pressure may be increased one and a half times the figure shown.
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and/or removal of any components.
- Profit reserves the right to change specifications, designs and/or standard equipment without notice and without incurring in any obligations.
- Profit red coated products are intended for piping with indoor application (EN 12944-2 corrosivity category C1 & C2). For outdoor installations near the sea (corrosivity category C3) we advise to use our hot dip galvanized couplings and fittings. For application in corrosivity category C4 (higher salinity climate) or higher, please contact info@pipinglogistics.eu.
- We strongly advise to always store our products in closed and dry warehouses.

### BOLT TORQUE SEQUENCE

(Bolt N°1 is the bolt closest to biggest gap between the 2 flanges)



Our advice =

- STEP1 =30 %
- STEP2 =60%
- STEP3=100%

**BOLT TORQUE** = depends on the applied gasket-type and on the bolt material grade.