



Grooved elbows provide an economical and efficient method of changing direction in grooved piping systems.

Reference		Nominal size		Pipe Ø O.D.	Grooved elbow 22,50° dimensions				Weight	Marking
Red	Galva	NPS inch	DN mm	mm	L mm	A mm	B mm	C mm	kg	
GB22R	GB22G	1¼	32	42,4	45	15,9	7,9	39,0	0,26	GB22 <sup>1)</sup>
GB22R	GB22G	1½	40	48,3	45	15,9	7,9	45,1	0,26	GB22 <sup>1)</sup>
GB22R	GB22G	2	50	60,3	48	15,9	7,9	57,2	0,48	GB22
GB22R	GB22G	2½	65	73,0	51	15,9	7,9	69,1	0,82	GB22
GB22R	GB22G	2½	65	76,1	51	15,9	7,9	72,3	0,89	GB22
GB22R	GB22G	3	80	88,9	57	15,9	7,9	84,9	1,01	GB22
GB22R	GB22G	4	100	108,0	73	15,9	9,5	103,7	1,05	GB22 <sup>2)</sup>
GB22R	GB22G	4	100	114,3	73	15,9	9,5	110,1	1,67	GB22
GB22R	GB22G	5	125	133,0	73	15,9	9,5	129,1	3,12	GB22 <sup>2)</sup>
GB22R	GB22G	5	125	139,7	73	15,9	9,5	135,5	2,63	GB22
GB22R	GB22G	5	125	141,3	73	15,9	9,5	137,0	2,63	GB22
GB22R	GB22G	6	150	159,0	79	15,9	9,5	154,5	2,95	GB22 <sup>2)</sup>
GB22R	GB22G	6	150	165,1	79	15,9	9,5	160,9	3,70	GB22
GB22R	GB22G	6	150	168,3	79	15,9	9,5	164,0	3,62	GB22
GB22R	GB22G	8	200	219,1	98	19,1	11,1	214,4	6,02	GB22
GB22R	GB22G	10	250	273,0	111	19,1	12,7	268,3	7,70	GB22 <sup>1)</sup>
GB22R	GB22G	12	300	323,9	124	19,1	12,7	318,3	20,65	GB22 <sup>1)</sup>

**Material specifications**

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

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

**Working pressure**

300 PSI/2068 kPa

**General notes:**

- <sup>1)</sup> No FM-approval / <sup>2)</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 can 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 by 150% 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 the use of our hot dip galvanized couplings and fittings. For application in corrosivity category C4 (higher salinity climate) or higher, please contact info@pipinglogistics.eu.
- We advise to always store our products in closed and dry environments.