



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 kg
	NPS inch	DN mm		L mm	A mm	B mm	C mm	
GB22R	2	50	60,3	48	15,9	7,9	57,2	0,50
GB22R	2½	65	76,1	51	15,9	7,9	72,3	0,91
GB22R	3	80	88,9	57	15,9	7,9	84,9	1,10
GB22R	4	100	114,3	73	15,9	9,5	110,1	1,65
GB22R	6	150	168,3	79	15,9	9,5	164,0	3,72
GB22R	8	200	219,1	98	19,1	11,1	214,4	5,49

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:

- 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@profitings.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@profitings.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@profitings.eu.
- We advise to always store our products in closed and dry environments.