

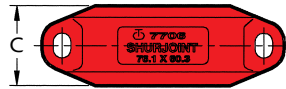
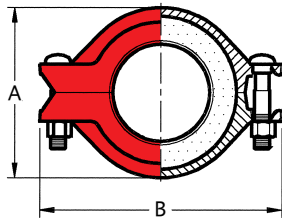


Reducing Couplings

Class 7706

Technical Features

- Available coupling sizes (Nominal) : From DN50/2" x DN40/1 1/2" to DN200/8" x DN150/6 1/2".
- Max Working Pressure : See table below
- Material : Ductile Iron to ASTM A536, Gr. 65-45-12. Grade "E" EPDM Rubber Gasket (Grade "T" Nitrile optional). Zinc Plated Steel Bolts to ASTM A449-83a (or A183 Gr.2), Hex Nuts to ASTM A563.
- Finish : RAL3000 Red, Optionally Galvanised or Epoxy Coated.



Grooved Products

Reducing Couplings - Class 7706

Physical Data

Coupling Size		Pipe O.D.		Max. Wk Pressure ¹² MPa/PSI	Dimensions			Deflection Pipe mm/5.5M In/Ft	Bolt Size Ø x L Inches	Weight Kgs/lbs	Reference	
metric	inches	metric	inches		A	B	C				Painted	Galvanized
50 x 40	2" x 1 1/2"	60.3 x 42.2	2.375 x 1.90	2.4 / 350	85 / 3.35	122 / 4.80	48 / 1.89	26.0 / 0.31	3/8 x 2	1.0 / 2.2	7706/060048	7706/060048G
65 x 50	3" OD x 2"	73.0 x 60.3	2.50 x 2.00	2.5 / 350	102 / 4.02	138 / 5.43	48 / 1.89	22.0 / 0.33	3/8 x 2	1.2 / 2.6	7706/073060	7706/073060G
65 x 50	3" OD x 2"	76.1 x 60.3	2.50 x 2.00	2.5 / 350	102 / 4.02	138 / 5.43	48 / 1.89	21.0 / 0.25	3/8 x 2	1.2 / 2.6	7706/076060	7706/076060G
80 x 50	3" x 2"	88.9 x 60.3	3.50 x 2.375	2.4 / 350	116 / 4.57	168 / 6.61	48 / 1.89	18.0 / 0.22	1/2 x 3	1.5 / 3.3	7706/089060	7706/089060G
80 x 65	3" x 2 1/2"	88.9 x 73.0	3.50 x 2.875	2.4 / 350	116 / 4.57	168 / 6.61	48 / 1.89	18.0 / 0.22	1/2 x 3	1.7 / 3.7	7706/089073	7706/089073G
80 x 65	3" x 2 1/2" OD	88.9 x 76.1	3.50 x 3.0"OD	2.4 / 350	116 / 4.57	168 / 6.61	48 / 1.89	18.0 / 0.22	1/2 x 3	1.7 / 3.7	7706/089076	7706/089076G
100 x 50	4" x 2"	114.3 x 60.3	4.50 x 2.375	2.4 / 350	146 / 5.75	198 / 7.80	52 / 2.05	21.0 / 0.25	1/2 x 3	2.4 / 5.3	7706/114060	7706/114060G
100 x 65	4" x 2 1/2"	114.3 x 73.0	4.50 x 2.85	2.4 / 350	146 / 5.75	198 / 7.80	52 / 2.05	21.0 / 0.25	1/2 x 3	2.6 / 5.7	7706/114073	7706/114073G
100 x 65	4" x 3" OD	114.3 x 76.1	4.50 x 3"OD	2.4 / 350	146 / 5.75	198 / 7.80	52 / 2.05	21.0 / 0.25	1/2 x 3	2.6 / 5.7	7706/114076	7706/114076G
100 x 80	4" x 3"	114.3 x 88.9	4.50 x 3.50	2.4 / 350	146 / 5.75	198 / 7.80	52 / 2.05	21.0 / 0.25	1/2 x 3	2.4 / 5.3	7706/114089	7706/114089G
125 x 100	5" x 4"	141.3 x 114.3	5.563 x 4.50	2.4 / 350	160 / 6.30	250 / 9.84	52 / 2.05	23.0 / 0.27	5/8 x 3 1/2	3.8 / 8.4	7706/141114	7706/141114G
150 x 80	6 1/2" OD x 3"	168.3 x 88.9	6.625 x 3.50	2.4 / 350	202 / 7.95	269 / 10.59	52 / 2.05	20.0 / 0.23	5/8 x 3 1/2	4.6 / 10.1	7706/168089	7706/168089G
150 x 80	6 1/2" x 3"	165.1 x 88.9	6.50OD x 3.5	2.4 / 350	202 / 7.95	269 / 10.59	52 / 2.05	19.0 / 0.21	5/8 x 3 1/2	4.6 / 10.1	7706/165089	7706/165089G
150 x 100	6 1/2" OD x 4"	165.1 x 114.3	6.50OD x 4.5	2.5 / 350	202 / 7.95	269 / 10.59	52 / 2.05	20.0 / 0.23	5/8 x 3 1/2	4.5 / 9.9	7706/165114	7706/165114G
150 x 100	6" x 4"	168.3 x 114.3	6.625 x 4.50	2.5 / 350	208 / 8.19	275 / 10.83	52 / 2.05	19.0 / 0.21	5/8 x 3 1/2	4.5 / 9.9	7706/168114	7706/168114G
150 x 100	8" x 6"	168.3 x 165.1	6.625 x 6.50	2.4 / 350	260 / 10.24	334 / 13.15	57 / 2.24	19.0 / 0.21	3/4 x 4 3/4	4.5 / 9.9	7706/168165	7706/168165G
200 x 150	8" x 6 1/2" OD	219.1 x 168.3	8.625 x 6.625	2.4 / 350	260 / 10.24	334 / 13.15	57 / 2.24	15.0 / 0.18	3/4 x 4 3/4	7.6 / 16.7	7706/219168	7706/219168G
200 x 150	8" x 6 1/2" OD	219.1 x 165.1	8.00 x 6.50OD	2.4 / 350	260 / 10.24	334 / 13.15	57 / 2.24	15.0 / 0.18	3/4 x 4 3/4	7.6 / 16.7	7706/219165	7706/219165G

¹ Working pressure and/or End Load are total pressure and/or load permissible when mounted on standard weight steel pipe, standard roll or cut grooved. Test pressure fields may be increased to 1.5 times the max. working pressure shown above. For working pressure in other pipe schedules, contact your King Distributor for details.

² VdS Listed to 2.0 MPa (300 psi) or 1.2 MPa (only)