

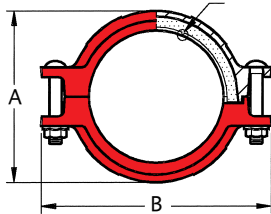


Rigid Couplings

Class K-9 Lightweight

Technical Features

- Available coupling sizes (Nominal) : From DN32/1 1/4 to DN200/8"
- 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

Rigid Couplings - Class K-9 Lightweight

Physical Data

Coupling Size		Pipe O.D.		Max. Wk Pressure 2) MPa/PSI	Max. End Load 1) kN/lbs	Pipe End Separation (mm/inch)		Dimensions			Bolt Size Ø x L Inches	Weight Kgs/lbs	Reference	
metric	inches	metric	inches			A	B	C	Painted	Galvanized				
32	1 1/4"	42.2	1.660	2.0 / 300	1.7 / 379	0~1.6	0~0.06	65 / 2.56	102 / 4.00	45 / 1.77	3/8 x 1 3/4	0.6 / 1.3	K9H/042	K9H/042G
40	1 1/2"	48.3	1.900	2.0 / 300	2.2 / 496	0~1.6	0~0.06	71 / 2.80	108 / 4.25	45 / 1.77	3/8 x 2 1/8	0.6 / 1.3	K9H/048	K9H/048G
50	2"	60.3	2.375	2.0 / 300	3.4 / 775	0~1.6	0~0.06	83 / 3.27	124 / 4.88	45 / 1.77	3/8 x 2 1/8	0.7 / 1.5	K9H/060	K9H/060G
-	2 1/2"	73.0	2.875	2.0 / 300	5.1 / 1135	0~1.6	0~0.06	98 / 3.86	137 / 5.39	45 / 1.77	3/8 x 2 1/8	0.8 / 1.8	K9H/073	K9H/073G
65	3" OD	76.1	3.000	2.0 / 300	5.5 / 1235	0~1.6	0~0.06	102 / 4.00	140 / 5.51	45 / 1.77	3/8 x 2 1/8	0.8 / 1.8	K9H/076	K9H/076G
80	3"	88.9	3.500	2.0 / 300	7.5 / 1685	0~1.6	0~0.06	114 / 4.50	151 / 5.94	45 / 1.77	3/8 x 2 3/4	1.2 / 2.7	K9H/089	K9H/089G
100	4"	114.3	4.500	2.0 / 300	12.7 / 2780	0~3.2	0~0.13	143 / 5.63	184 / 7.25	55 / 2.00	3/8 x 2 3/4	1.7 / 3.4	K9H/114	K9H/114G
125	5 1/2" OD	139.7	5.500	2.0 / 300	18.5 / 4156	0~3.2	0~0.13	172 / 6.77	225 / 8.86	55 / 2.00	1/2 x 3	2.0 / 4.4	K9H/139	K9H/139G
125	5"	141.3	5.563	2.0 / 300	18.9 / 4250	0~3.2	0~0.13	175 / 6.89	228 / 8.98	55 / 2.00	1/2 x 3	2.0 / 4.4	K9H/141	K9H/141G
150	6 1/2" OD	165.1	6.500	2.0 / 300	25.8 / 5804	0~3.2	0~0.13	197 / 7.75	252 / 9.92	55 / 2.00	1/2 x 3	2.5 / 5.5	K9H/165	K9H/165G
150	6"	168.3	6.625	2.0 / 300	26.8 / 6030	0~3.2	0~0.13	200 / 7.87	255 / 10.04	55 / 2.00	1/2 x 3	2.7 / 5.9	K9H/168	K9H/168G
200	8"	219.1	8.625	2.0 / 300	45.4 / 10219	0~3.2	0~0.13	258 / 10.16	355 / 13.98	61 / 2.40	5/8 x 3 1/2	4.4 / 9.7	K9H/219 ³	K9H/219G ³
200	8"	219.1	8.625	4.1 / 600	154.5 / 35038	0~4.1	0~0.16	261 / 10.27	346 / 13.62	61 / 2.40	5/8 x 5 5/16	6.0 / 13.2	R20/219	R20/219G

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 1.2MPa (175 psi).

³ K9H/219 AND K9H/219G are not VdS approved, use the models R20/219 and R20/219G instead.