



COUPLINGS AND FLANGE ADAPTORS



MATERIAL SPECIFICATION & STANDARDS

Rapid/Cascade clamps Variable Couplings and Flange Adaptors are designed and manufactured under Quality Management System, certificate to ISO9001:1994.

Gasket and Epoxy Powder Coating, conforms to BS6920 WRAS, for potable water.

Couplings and Flange Adaptor End Rings

Ductile iron to BS 2789

Grade 420/12

Gasket

EPDM Rubber; BS6920 for potable water.

Bolts, Nuts and Washers

Couplings = 316 Stainless Steel, 8MPa.

Flange Adaptors = Gal. Plated. 4.6MPa.

Couplings and Flange Adaptors Body

Ductile iron to BS 2789

Grade 420/12

Coating

The Centre Sleeve, End Rings, and Bodies, Epoxy Powder Coated, BS6920 for potable water.

Working Pressure: 1.6MPa. Test pressure: 2.4MPa Working Temperature: 0 to 80 Degrees C

Couplings and Flange Adaptors, total angular deflection of ± 3 degrees.

Flange Adaptors drilled to suit AS2129 Table C, D, E, & AS4087 PN16

COUPLINGS

Pipe		Pipe Materials	OD Range	Bolt Size, Length, No.
Nom	Code		(mm)	(mm)
80mm	RV-88SS	Ductile Iron, PVC, Cast Iron, Steel, AC	88 - 107	M16 x 200 x 4
100mm	RV-109SS	Ductile Iron, PVC, Cast Iron, Steel, AC	109 - 135	M16 x 200 x 3
150mm	RV-160SS	Ductile Iron, PVC, Cast Iron, Steel, AC	160 - 188	M16 x 200 x 3
200mm	RV-217SS	PVC, Ductile Iron, Steel, Cast Iron Imp AC	217 - 244	M16 x 200 x 4
225/250mm	RV-240SS	PVC, Ductile Iron, Steel, Cast Iron Imp AC	240 - 268	M16 x 235 x 4
250mm	RV-272SS	PVC, Ductile Iron, Steel, Cast Iron Imp AC	272 - 298	M16 x 235 x 5
300mm	RV-315SS	PVC, Ductile Iron, Steel, Cast Iron Imp AC	315 - 346	M16 x 300 x 5

RV = Rapid Variable Couplings. S = Short Sleeve, S = SS316. Fasteners

FLANGE ADAPTORS

Pipe		Pipe Materials	OD Range	Flange	Connection Bolts Type
Nom	Code		(mm)	Hole No.	
100mm	RFA-109G	Ductile Iron, PVC, Cast Iron, Steel, AC	109 - 135	8	M16 x 70
150mm	RFA-160G	Ductile Iron, PVC, Cast Iron, Steel, AC	160 - 188	8	M16 x 80

RFA = Rapid Flange Adaptors. G = Gal. Fasteners. S = SS316 Fasteners.