

MECHANICAL COUPLING

PVC, GRP, DUCTILE IRON & STEEL PIPELINE SYSTEMS



Clover unrestrained mechanical couplings comply with AS/NZS 4998 for potable, non-potable, wastewater and gas applications.

Features

Clover's high strength 316 stainless steel mechanical couplings join a wide range of pipe materials and can be used to join pipes with equal or differing outside diameters (Up to 29mm). This makes the coupling ideal for joining PVC-O, PVC-M, PVC-U, GRP, ductile iron, asbestos cement, steel and copper pipes.

Our couplings are manufactured with a lightweight 316 Stainless Steel barrel and fasteners and feature wedge shape Nitrile Rubber Seals.

Three bolt coupling design up to DN150 for fast field installation.

Can be installed without disassembling which makes installation faster and simpler.

Captive bolt head for one spanner operation, simplifying field assembly.

Applications

The Clover unrestrained mechanical coupling range is suitable for connecting two pipe spigots together. This product range does not provide longitudinal thrust restraint and is not recommended for use on polyethylene pipe.

Technical Data

Size Range: DN80 - DN600

Allowable Operatina Pressure: 1600kPa

Maximum Temperature: 60 °

Certifications: AS/NZS 4998:2009

AS/NZS 4020

Product License OMK30040

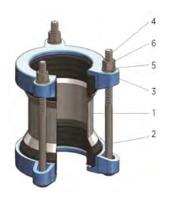
WSAA Appraisal PA12/04



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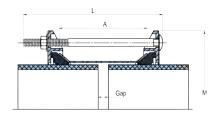
ltem	Part Name	Material
1	Barrel	316 Stainless Steel ASTM A240M
2	Seal	NBR AS1646
3	Flange	Ductile Iron AS1831
4	Bolt	316 Stainless Steel ASTM F593
5	Hex Nut	316 Stainless Steel ASTM F844
6	Washer	316 Stainless Steel ASTM F594

Extended Barrel



DN	Range	A (Barrel)	L	М	# Bolts	Gap	Def °	Code
080	88-103	176	270	216	3	10-40	6	DGCS080
100	108-132	176	270	243	3	15-50	6	DGCS100
150	158-182	176	270	304	3	15-50	6	DGCS150
200	216-242	176	285	353	5	15-50	6	DGCS200
225	243-268	176	285	397	5	15-50	6	DGCS225
250	270-295	176	285	417	6	15-50	6	DGCS250
300	330-356	216	340	481	6	15-80	6	DGCS300
375	400-429	216	340	565	8	15-80	5	DGCS375
450	488-512	216	340	636	10	15-80	4	DGCS450
500	540-565	216	340	703	12	20-80	4	DGCS500
600	656-680	216	340	818	14	25-80	3	DGCS600

Standard Barrel



DN	Range	A (Barrel)	L	M	# Bolts	Gap	Def o	Code
080	88-103	101	210	216	3	10-40	6	DGCS080SB
100	108-132	121	210	243	3	15-50	6	DGCS100SB
150	158-182	136	210	304	3	15-50	6	DGCS150SB

All fasteners supplied as M16. All dimensions are quoted in millimetres.

Contact Clover for information on additional sizes not shown on this data sheet.

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The products shown form part of Clover's continuous improvement program and as such the product designs, specifications and materials may change without notice.

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