

Chainflex

Installation and maintenance instructions



RENOLD
Superior Coupling Technology

Installation

- 1 Remove cover and disconnect chain.
- 2 Seat the rubber 'O' rings in their respective grooves in the boss of each coupling half body.
- 3 Key each coupling half body securely on its shaft, ensuring teeth are the correct distance apart. Use chain to locate in correct position when the shafts are at the mean position of float.
- 4 Wrap chain round teeth and connect up using connecting link.
- 5 Before fitting partly fill cover with lubricant, using Mobilplex 47, Mobilgrease HP222 or equivalent for normal applications. Mobilgrease FM102 or equivalent should be used where incidental contact with food may occur. Mobilgrease EAL102 or equivalent should be used where biodegradable and non toxic products are required.
- 6 Fit one half of cover, ensuring that the rubber 'O' rings are not displaced from their grooves in the half-body bosses and that locating peg in cover registers with hole in coupling half-body.
- 7 Assemble remaining half of cover, tightening screws firmly.

Setting width

The half-bodies should be set on the shafts with the 'setting width' gap shown in the table.

Alignment

Chain couplings can provide for angular misalignment of 1° and offset misalignment of 0.25mm (0.010") to 0.50mm (0.020") as shown in the table, however for optimum performance, maximum accuracy of alignment should be aimed for in order to allow for future deterioration.

Maintenance

Keep the cover full of grease by using a grease gun periodically.

Coupling Size	Product No	Setting width mm	Alignment mm
C28BBK	642602	3	0.25
C33BBK	642603	5	0.25
C43BBK	642604	7	0.25
C63BBK	642606	9	0.30
C81BBK	642608	16	0.38
C101BBK	642610	19	0.38
C122BBK	642612	25	0.50
C2140BBK	642614	31	0.50