

Fuelling products

Coupling

1 1/2 and 2-inch stainless steel self sealing coupling

1 1/2-inch stainless steel self sealing coupling



Key Features

- Fail safe tank unit
- Hose unit with built-in swivel
- 60 psi coupling pressure
- 300 psi working pressure constructed from 316 stainless steel
- Choice of seal material
- Optional handle

GENERAL INFORMATION

The Meggitt CCMY 8150-series stainless steel, self-sealing couplings are designed primarily for use in the petroleum, chemical and brewing industries where reliability and safety are of primary concern. The positive action, bayonet-type locking mechanisms facilitate the coupling and uncoupling of pressurised hoses and pipelines, under no-flow conditions. A coupling consists of a hose unit and a tank unit, each with its own dust cap. Design features of the couplings include PTFE coating of components to promote ease of operation, selectivity to prevent inadvertent mixing of products and a choice of seal material to suit particular applications.

TANK UNIT

The tank units include a male bayonet-type connector and are flanged or threaded to suit installation requirements. Each unit contains a 'fail-safe' spring-loaded valve seating on a tapered seat. The valve is controlled by the action of coupling and uncoupling the base unit.

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 Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
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 smart engineering for
 extreme environments

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Specification

Operation

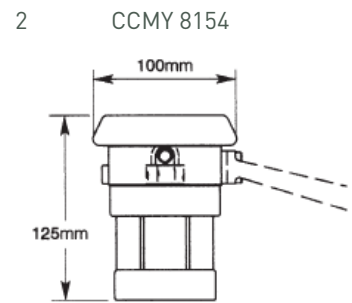
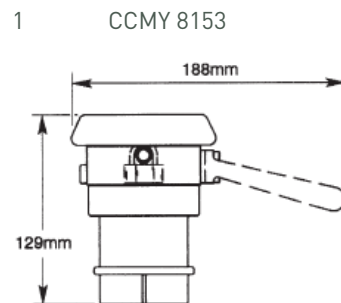
Hose unit

The hose unit consists of a cam-operated, self-sealing valve assembly, a female bayonet type connector and a threaded hose connector which is free to rotate in its housing. The bayonet connector and valve assembly are interlocked such that the valve can only be opened by fully engaging the hose unit on its matching tank unit.

1 - HOSE UNIT 1.5-IN BSP
2 - HOSE UNIT 2-IN BSP

CCMY 8153
CCMY 8154

Material	316 stainless steel
Weight	1.95 kg
(with handle)	2.09 kg
Max. working pressure	300 psi
Max. coupling pressure	60 psi
Handle (optional)	Pt. No. suffix H

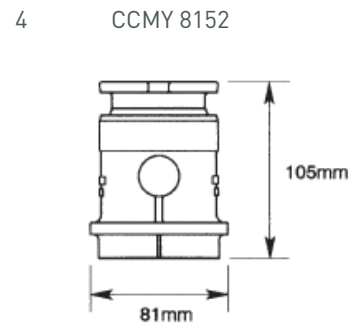
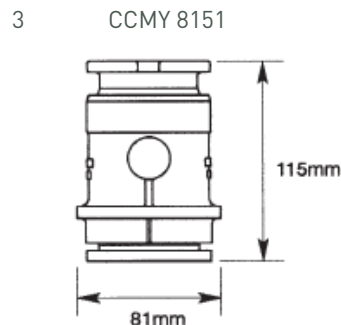


TANK UNIT THREADED VERSION

3 - 1.5 - BSP
4 - 2-IN BSP

CCMY 8151
CCMY 8152

Material	316 stainless steel
Weight	1.59 kg
Max. working pressure	300 psi
Max. coupling pressure	60 ps



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