



# HI FLOW GLANDS

The Milfos HI-FLOW Series of rotary transfer glands have been designed in a modular format so that your automation solutions are well catered for. From a standalone gland for transfer of Vacuum, Milk and Electrics to a full suite of services like Compressed Air, CIP or Wash Solution and Wash Down Water our HI FLOW Product line offers a great deal of flexibility.

## HI FLOW – ROTARY GLAND

The Milfos HI FLOW Rotary gland was developed to cater for the increasing size of Rotary installations that demand a high level of reliability and performance year round. The gland primarily transfers Vacuum, Milk, Electrics and Data onto the rotating platform.

The HI FLOW gland is well constructed using modern self lubricating plastics and high quality stainless steel.

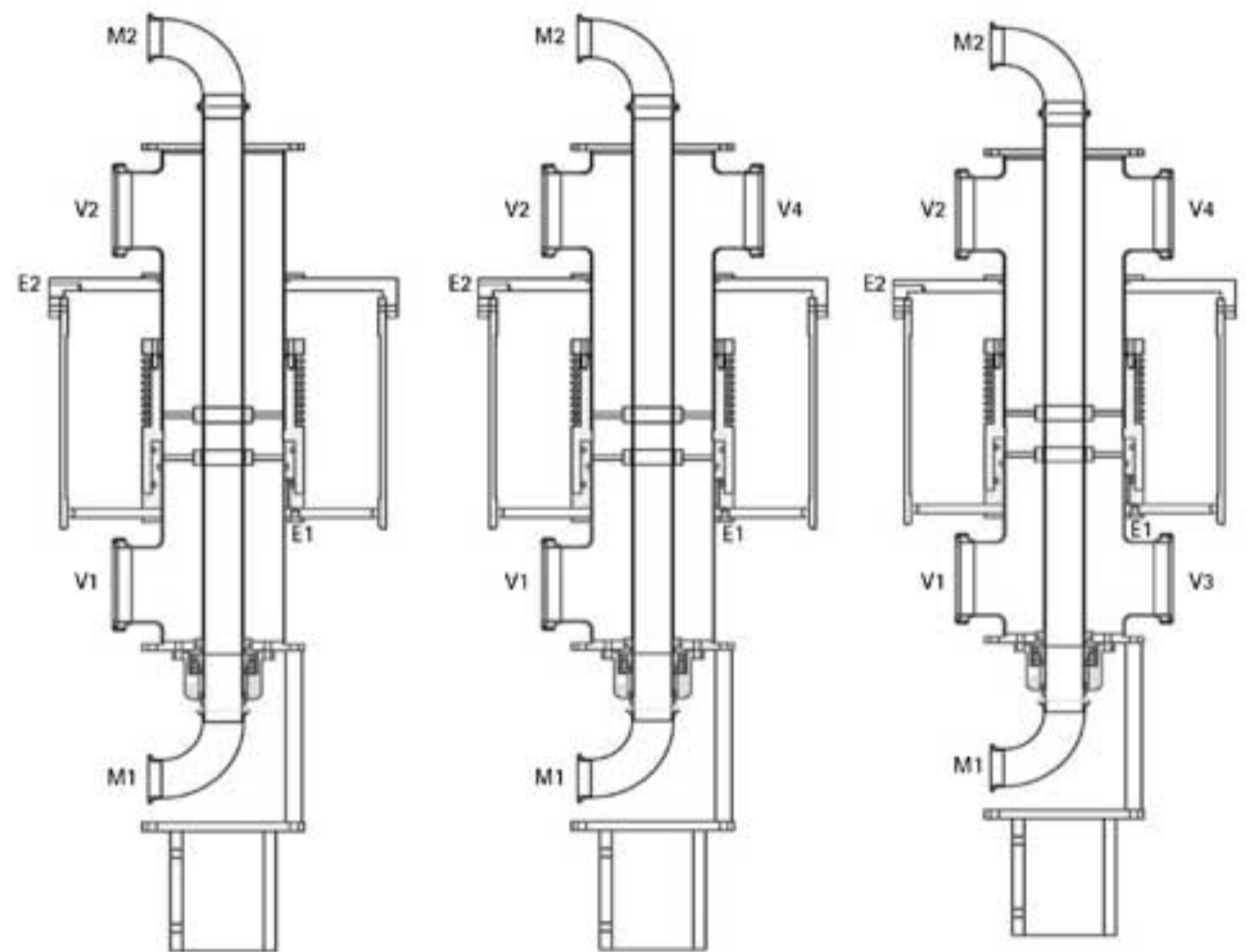
The main body has a 150mm diameter section for the transfer of vacuum. This design reduces frictional Air loss associated with traditional glands units. Connection to the vacuum section is made using 102mm RJT fittings. The main body has a Washing port and drain to keep the main body hygienically clean should milk enter the vacuum system. The Milk section is 50mm with welded tri-clover fittings.

Inlet and outlet ports can be interchanged which allows services such as Vacuum, Milk and Electrics to be fed overhead or from the floor.

The rotating bearings are self lubricated using automatic grease dispensers. This takes away the task of periodic lubrication which often gets neglected on busy farming operations.

The gland has 10 or 12 tracks for the transfer of both power and data communication if required. The gland utilises a twin pin set design to ensure uninterrupted flow of either the power or data.

The gland is supplied complete with stand.



REF	SIZE	CONNECTION	SUITABLE USE	GENERAL
M1	50mm	Tri-clover Clamp	Milk or Water	Milk delivery to filters & coolers
M2	50mm	Tri-clover Clamp	Milk or Water	Milk Delivery from pumps
V1	102mm	RJT Female	Vacuum Only	Vacuum delivery from pumps
V2	102mm	RJT Female	Vacuum Only	Vacuum supply to plant
V3	102mm	RJT Female	Vacuum Only	Vacuum delivery (2) from pumps
V4	102mm	RJT Female	Vacuum Only	Vacuum supply (2) to plant
E1	10 or 12 Track 20A / Track, 230/415v 50/60hz	3 x M20 cable entry glands. Electrical Screw Terminals	Electric & data	Supply of electrics and data to revolving platform
E2	10 or 12 Track 20A / Track, 230/415v 50/60hz	3 x M20 cable entry glands. Electrical Screw Terminals	Electric & data	Supply of electrics and data to revolving platform