

FLOW UNITS

DESCRIPTION

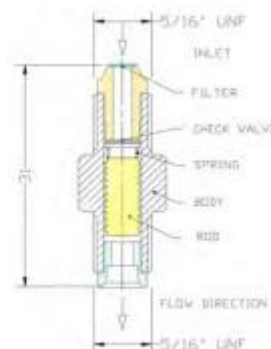
The resistance metering units are supplied for centralized lubrication systems with oil. They can be installed on one side or two-side manifolds or directly on the lubrication points. For correct operation, the line pressure has not to be lower than 2 bar and has not to be higher than 15 bar.

FLOW DIAGRAM

Metering units have a check valve to hold residual pressure during intervals, a filter to prevent contaminants at the bearing, and a restrictor pin. The flow of each unit is determined by the restrictor pin, oil is forced around the rod when the system is pressurized. The amount of flow is determined by the size of the restrictor pin. The flow rate and direction of flow of the unit are stamped on the body. Metering units can be mounted either at the bearing or in a manifold. Use one metering unit for each different point of lubrication in any variety on one machine as required. An auxiliary line pressure is recommended for all systems. The filter is recommended for all systems.

Metering units for manifold

Metering units for manifold installation/oil 50-500 cSt



Nut 4 mm, item no. 223-13032-1

Cone 4 mm, item no. 5-013

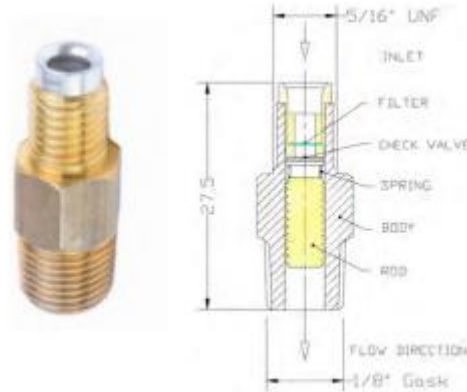
These valves are supplied for intermittent lubrication systems and can be installed on aluminum manifolds, single junctions, or double junctions from 1 to 14 ways. For circulating oil systems, we need to know the discharge and the layout of the system to understand if they can be used or not.

Item no.	Description	Marking	Quantity
2.804030.2	Flow unit EQ 20	0	0,1 cm ³ / min
2.804031.1	Flow unit EQ 21	1	0,2 cm ³ / min
2.804032.1	Flow unit EQ 22	2	0,4 cm ³ / min
2.804033.1	Flow unit EQ 23	3	0,8 cm ³ / min
2.804034.1	Flow unit EQ 24	4	1,6 cm ³ / min
2.804035.2	Flow unit EQ 25	5	3,2 cm ³ / min
2.804036.2	Flow unit EQ 26	6	6,4 cm ³ / min
2.804037.2	Flow unit EQ 27	7	12,8 cm ³ / min
2.804038.1	Flow unit EQ 28	8	25,6 cm ³ / min
2.804039.2	Flow unit EQ 29	9	51,2 cm ³ / min

The metered quantity (CC/minute) is calculated with a pressure of 7 bar, oil with a viscosity of 65 cSt, and a temperature of 25°C.

Metering units for Bearing

Metering units for bearing installation/oil 50-500 cSt



Nut 4 mm, item no. 223-13032-1

Cone 4 mm, item no. 5-013

These valves are supplied for intermittent lubrication systems and can be installed directly at the bearing and used at the end of the pressure lines. For circulating oil systems, we need to know the discharge and the layout of the system to understand if they can be used or not.

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Item no.	Description	Marking	Quantity
2.804050.1	Flow unit IB 20	IB 20	0,1 cm ³ / min
2.804051.1	Flow unit IB 21	IB 21	0,2 cm ³ / min
2.804052.1	Flow unit IB 22	IB 22	0,4 cm ³ / min
2.804053.1	Flow unit IB 23	IB 23	0,8 cm ³ / min
2.804054.1	Flow unit IB 24	IB 24	1,6 cm ³ / min
2.804055.1	Flow unit IB 25	IB 25	3,2 cm ³ / min
2.804056.1	Flow unit IB 26	IB 26	6,4 cm ³ / min
2.804057.1	Flow unit IB 27	IB 27	12,8 cm ³ / min
2.804058.1	Flow unit IB 28	IB 28	25,6 cm ³ / min
2.804059.1	Flow unit IB 29	IB 29	51,2 cm ³ / min

The metered quantity (CC/minute) is calculated with a pressure of 7 bar, oil with a viscosity of 65 cSt, and a temperature of 25°C.