- **Compact, robust valves for a wide variety of situations**
- **Suitable for panel mounting**
- **Latching model available**
- **Flow control possible with some models**
- **Side ported and bottom ported sub-bases available**

OBSOLETE DOCUMENT Technical Reference Only

4/2 and 4/3 Plate Valves Manually Operated G¼

Technical Data

Medium:
Compressed air, filtered lubricated and non-lubricated

Operation:
Plate valve, directly operated

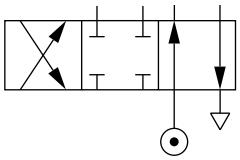
Mounting:
Threaded holes in sub-base

Port Size:
G¼

Operating Pressure:
0,7 - 10 bar

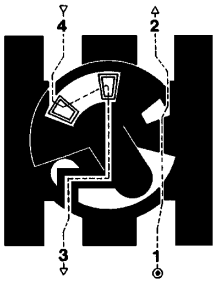
Flow (to CETOP RP50P):
'C' - Conductance $dm^3/s/bar$ 4,72
'b' - Critical pressure ratio 0,30
Cv 1,14

Operating Temperature:
–20°C* to +80°C
*Consult our Technical Service for use below +2°C



Materials

Aluminium alloy sub-base, zinc alloy body, aluminium operators, nitrile rubber seals.



Ordering Information

To order, quote model number from table overleaf, e.g. M/805/387 for the Three Position Rotary Knob Operated model with a side ported sub-base. Valves are supplied complete with sub-base.

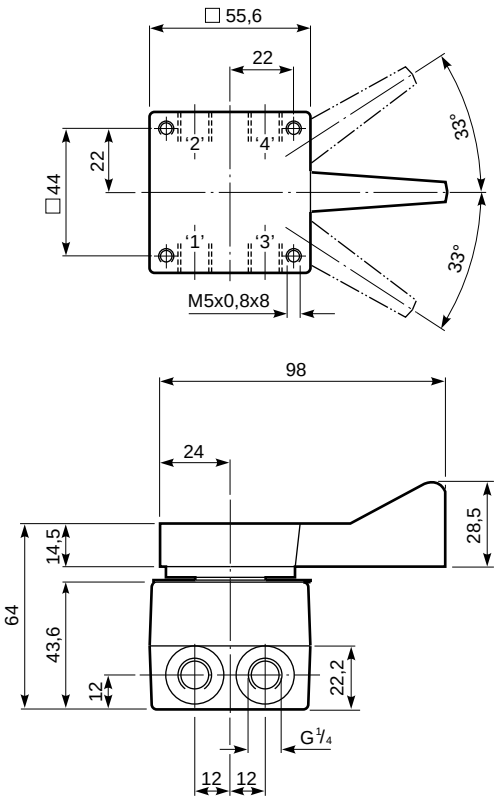
General Information

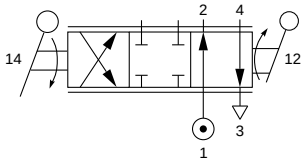
Model	Sub-base	Operator	Mid-position	Return	Weight (kg)	Spares kit
M/805/107	Side ported	Lever	–	Lever	0,61	QM/805/107/00
M/805/187	Side ported	Lever	Lever	Lever	0,61	QM/805/107/00
M/805/487	Side ported	Lever, Latching	Lever, Latching	Lever, Latching	0,66	QM/805/107/00
M/805/387	Side ported	Knob, Rotary	Knob, Rotary	Knob, Rotary	0,64	QM/805/107/00
BM/805/107	Bottom ported	Lever	–	Lever	0,61	QM/805/107/00
BM/805/187	Bottom ported	Lever	Lever	Lever	0,61	QM/805/107/00
BM/805/487	Bottom ported	Lever, Latching	Lever, Latching	Lever, Latching	0,66	QM/805/107/00
BM/805/387	Bottom ported	Knob, Rotary	Knob, Rotary	Knob, Rotary	0,64	QM/805/107/00

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where *pressures* and *temperatures* can exceed those listed under **'Technical Data'**.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN MARTONAIR.
Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

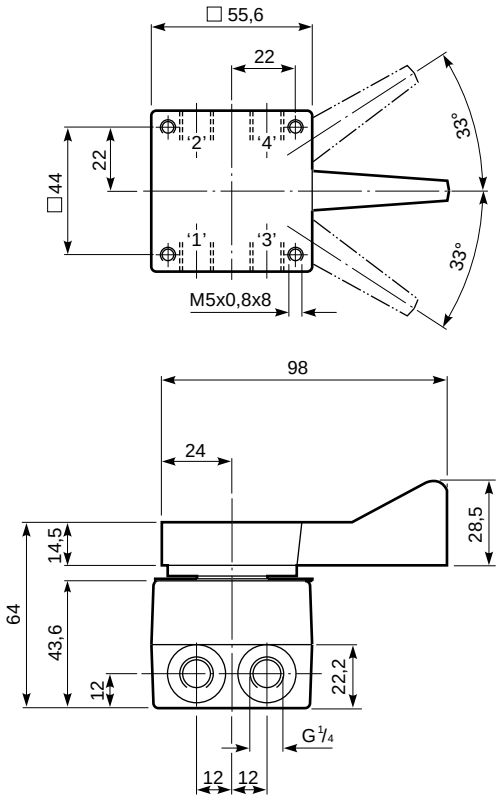
Rotary Lever Set-reset

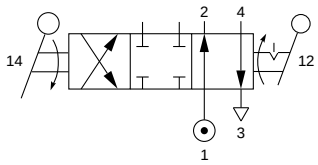




Model Number: **M/805/107**
Type: 4/2
Operating Force: 0,9 Nm
By varying the angle of the lever a degree of flow control can be achieved.

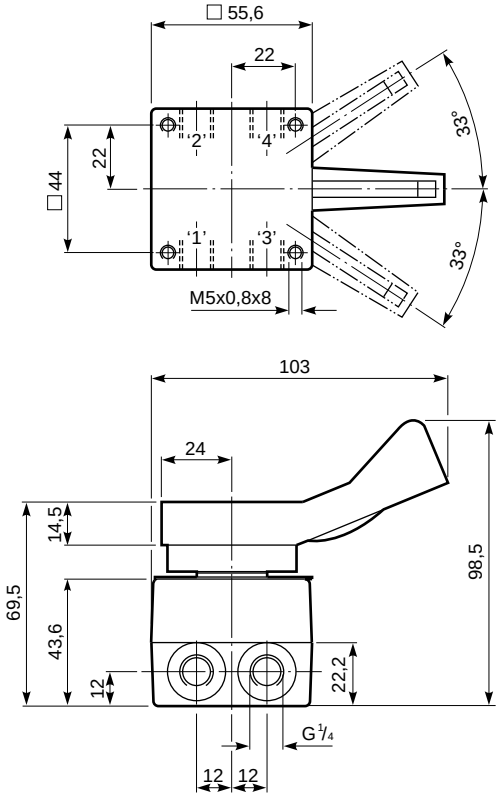
Three Position Lever Operated

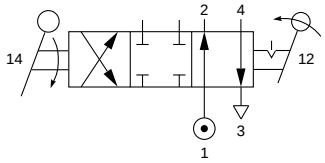




Model Number: **M/805/187**
Type: 4/3 All ports blocked mid-position
Operating Force: 1,6 Nm

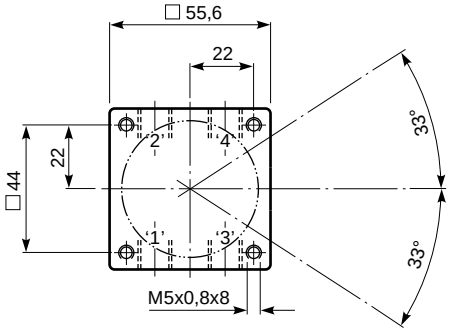
Rotary Lever Latch Operated

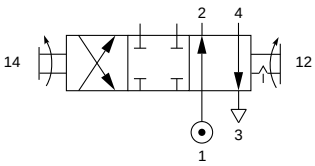




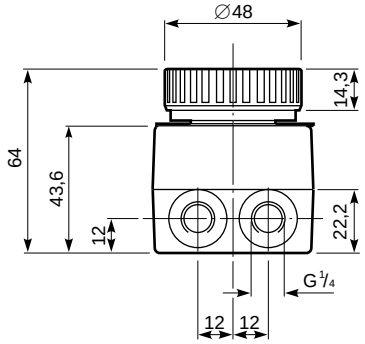
Model Number: **M/805/487**
Type: 4/3 All ports blocked mid-position
Operating Force: 1,6 Nm
This valve features a latching mechanism to prevent accidental movement of the lever.

Three Position Rotary Knob Operated



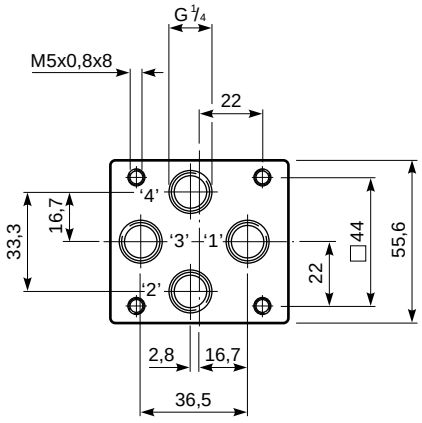


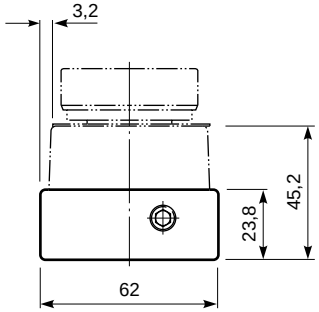
Model Number: **M/805/387**
Type: 4/3 All ports blocked mid-position
Operating Force: 1,6 Nm



Sub-bases for M/805 and BM/805 valves

Bottom Ported Sub-base Models



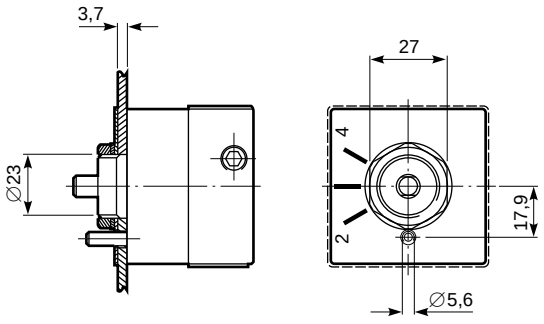


Model Numbers: **BM/805/107***
BM/805/187
BM/805/487
BM/805/387

Type: Single sub-base with all ports on the bottom

*Operating Force: 1,2 Nm

Panel Mounting



Remove skirt from lever or knob.