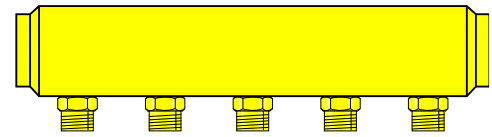


Norsok Manifolds

Item numbers covered by his datasheet

303742	Ci MT2 Norsok ø7.1
303743	Ci MT3 Norsok ø8.7
303744	Ci MT4 Norsok ø10.0
303745	Ci MT5 Norsok ø11.2
303746	Ci MT7 Norsok ø12.2
303747	Ci MT7 Norsok ø13.2
303748	Ci MT8 Norsok ø14.1
303749	Ci MT9 Norsok ø15.0
303750	Ci MT10 Norsok ø15.8



General

The manifold is as standard supplied with connectors for 2 to 10 cylinders. And features an integrated orifice to reduce from high pressure to low pressure as well ensuring sufficient pressure in the manifold to provide pressure on the outlet ports of valves connected to the manifold (the Back pressure activation is only to be used on Ci IV8 valves).

The standard Orifice is based on a flow of $\varnothing 5\text{mm}$ (19.6mm^2) per connected cylinders by which the requirements for discharge time according MSC Circ 1267 and other are meet.

Specifications

Pressure:

Work:	400 bar (300 bar fill @ 15°C)
Proof (burst):	> 1440 bar

Temperature:

-40 to +70°C

Flow way:

max $211\text{mm}^2/\text{connection}$ ($\varnothing 16.4\text{mm}$)
min $50\text{mm}^2/\text{connection}$ ($\varnothing 8\text{mm}$)

Tread connections:

Hose connection (a):	ISO228 G3/8" (60° seat), male
Pipe connection (b):	ISO228 G3/4" Female (flat face seal)
Additional outlet (c):	SO228 G1/4" (for pressure switch)

Materials:

Brass

Dimension:

LxDxH:	see table 1 Lx40x40 (60) mm
Weight:	see table 1

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Table 1

Item number	Marking	Orifice std.	Weight	Length
		mm	kg	mm
303742	Ci-MT 2 Norsok	ø7.1	0.9	100
303743	Ci-MT 3 Norsok	ø8.7	0.9	120
303744	Ci-MT 4 Norsok	ø10.0	0.9	140
303745	Ci-MT 5 Norsok	ø11.2	2.2	220
303746	Ci-MT 6 Norsok	ø12.2	2.2	240
303747	Ci-MT 7 Norsok	ø13.2	2.2	260
303748	Ci-MT 8 Norsok	ø14.1	3.7	340
303749	Ci-MT 9 Norsok	ø15.0	3.7	360
303750	Ci-MT 10 Norsok	ø15.8	3.7	380

Markings

Manifold: Fire Eater Logo, Norsok-MT##, Serial number, Orifice ##.#.

Installation**MT2-10**

If change to the orifice is required the manifold must be drilled out prior to installation.

The pipe connection must have a flat face to ensure proper sealing on the supplied cupper seal, if a pipe adapter with a chest is used a seal may be placed between this and the manifold.

If there is not sufficient space to rotate the manifold a union must be installed.

Operating

No operations are necessary.

Maintenance

No requirements.

Routine testing

No requirements.

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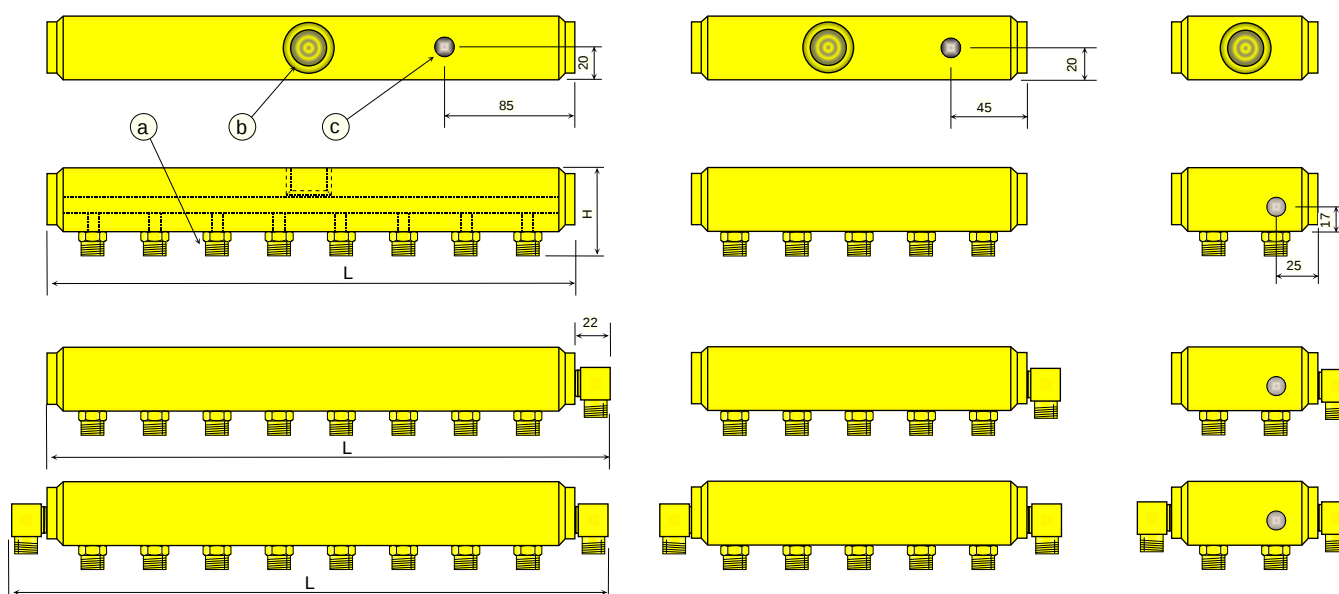
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Section drawings**Document:** 30374x Manifold Norsok.docx

Text

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