



## FEATURES

**Compact size:**  
can be placed near the bearings

**Oil injection pressure:**  
from 15 to 100 bar

**Volumetric output of oil:**  
available from 0.005 cm<sup>3</sup> to 0.500 cm<sup>3</sup>

**Air mixing pressure:** up to 10 bar

## APPLICATIONS

- Air/oil lubrication system for machine tools
- Mandrel bearing lubrication

## AIR-OIL MANIFOLD BLOCK

An effective and easy to apply oil injector, in an air solution that is suitable for Air-Oil lubrication applications.

The Air-Oil systems are ideal for applications such as mandrel bearing lubrication or spray applications.

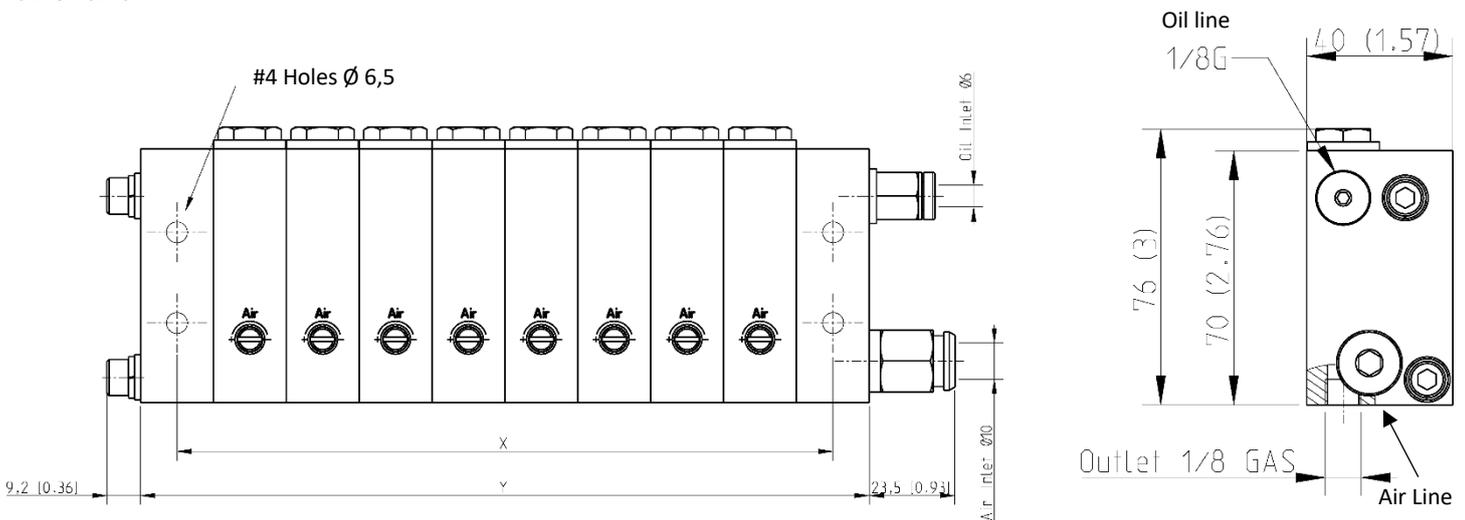


## TECHNICAL FEATURES

Max oil viscosity	230 cSt at 40°C
Max delivery per stroke	0.005±0.5 cc/injection cycle
Minimum pressure, Oil	15 bar
Maximum pressure, Oil	100 bar
Air supply	Ø10 Hose, Push Fit
Oil feed	Ø8 Hose, Push Fit
Air/Oil Outlet	1/8" G

## DIMENSIONS (DRAWINGS NOT TO SCALE)

NPT air-oil unit

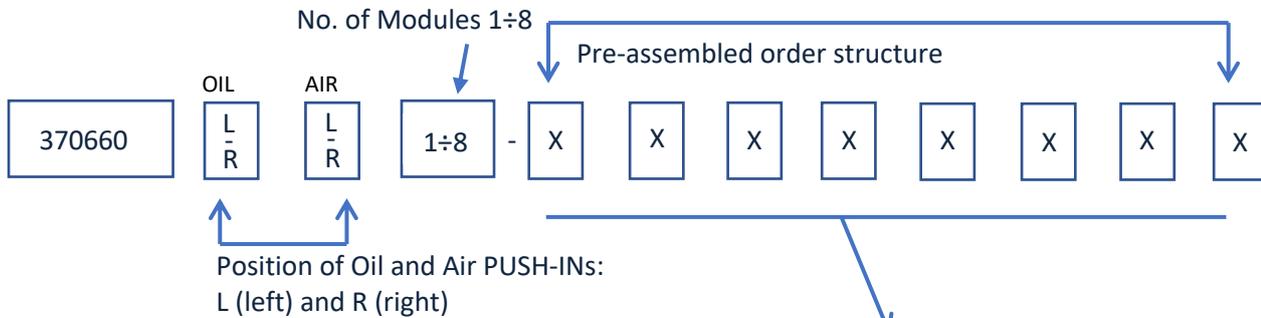


Number of elements	x	y
1	40 [1.57]	60 [2.36]
2	60 [2.36]	80 [3.15]
3	80 [3.15]	100 [3.94]
4	100 [3.94]	120 [4.72]
5	120 [4.72]	140 [5.51]
6	140 [5.51]	160 [6.3]
7	160 [6.3]	180 [7.09]
8	180 [7.09]	200 [7.87]



## ORDERING INFORMATION

To order pre-assembled AOB distributor blocks, use the assembly code indicated in the parts design. The maximum number of blocks is 8.



	Description	Code (*)	Coding
X =	Air-oil injector module 0.005cc	3071430	1
	Air-oil injector module 0.010cc	3071440	2
	Air-oil injector module 0.020cc	3071450	3
	Air-oil injector module 0.030cc	3071460	4
	Air-oil injector module 0.120cc	3071470	5
	Air-oil injector module 0.500cc	3071480	6

(\*) If ordered separately by code, the module includes the screws required to join the modules

### Example of an order for pre-configured item with:

5 elements with output value 0.5cc, 0.01 cc, 0.02cc, 0.02cc, 0.01cc per cycle)



### Individual codes, Accessories and spare parts

Item pos.	Description	Order code
A	SCREW-CHC-M6x30	0014091
B	SPRING WASHER 6.1	0016009
C	WASHER 6.4	0016080
D	AIR/OIL BLOCK OUTLET MODULE	3071433
E	AIR/OIL BLOCK INLET MODULE	3071435
F	PUSH-IN 1/8BSP Ø6	3084578
G	PUSH-IN 1/4BSP Ø10	3084702
H	CAP 1/8 BSP	3234252
I	CAP 1/4 BSP	3234253