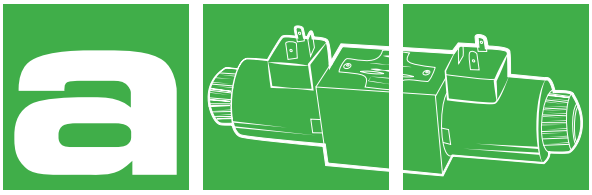


MONOBLOCK WITH MULTIPLE SECTIONS ISO 03

MR-3-*G

80 l/min 30 MPa (300 bar)

1 DESCRIPTION

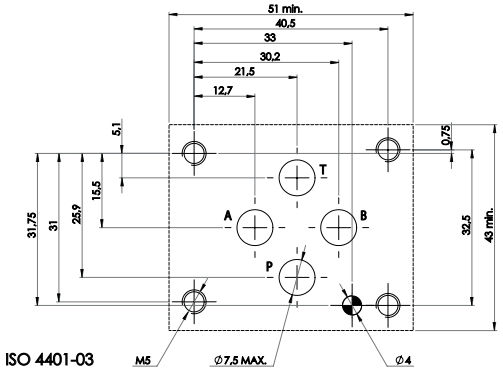
Ports A and B (3/8" BSP) on the sides P and T lines with ports (1/2" BSP) on the two rear sides Parallel connections P and T Monoblocks with multiple sections from 1 to 8, for hydraulic 4 ways operated valves ISO 03 with parallel internal connections P and T. The utility ports A and B are positioned laterally to the valve assembly face.

2 ORDERING CODE

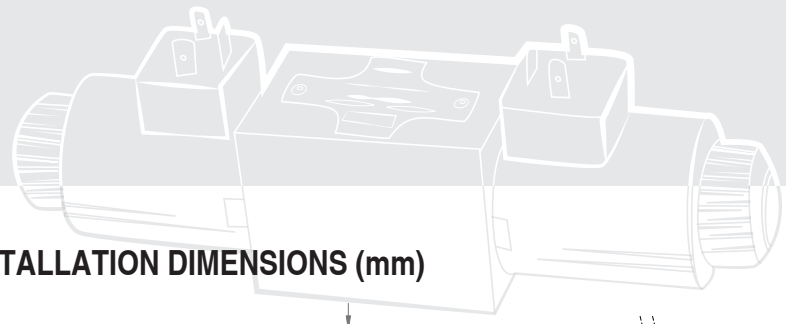
(1)		(2)		(3)	(4)
MR	-	3	-		G

3 TECHNICAL DATA

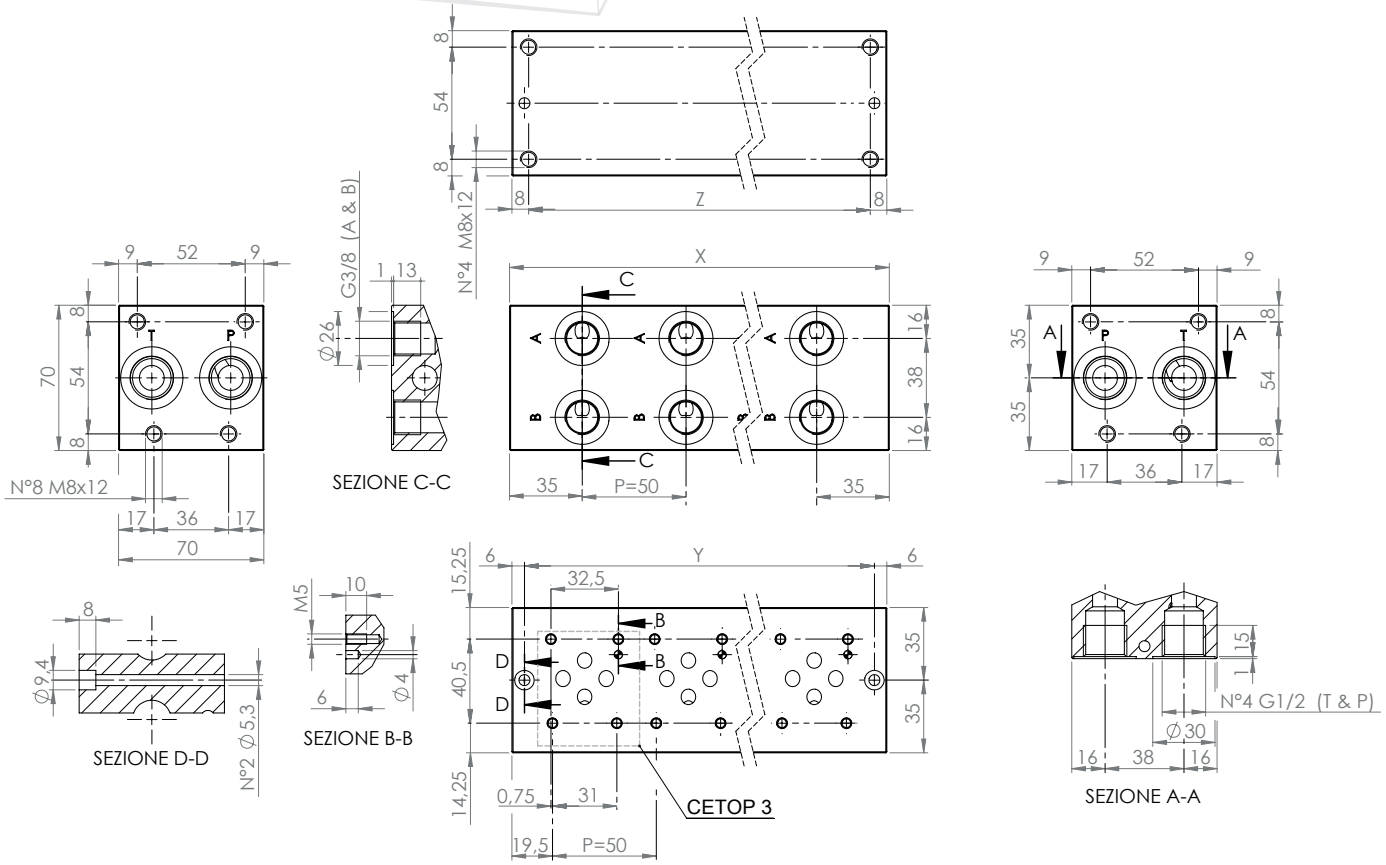
Material:	Cast Iron GG 25
Coating:	Manganese phosphating
Pressure allowed in the ports:	P, A, B and T = 300 bar
Incoming flow, maximum recommended: (*)	From 40 to 80 l/min, decreasing with the rise of the number of sections. If both pairs of ports P and T are used, maximum recommended Q values can be increased.
Connecting ports:	Standard cylindrical BSP thread with maximum rugosity of a surface Ra 1,6 for the fitting of connections.
A and B ports P:	3/8" BSP one pair per section
P and T:	1/2" BSP one pair on each rear side of a monoblock; it allows to double supply if needed (P) or double outlet (T); close the unused ports



Type	Number of sections 03	Q max recommended (*) l/min
MR-3-1 G	1	80 - 80
MR-3-2 G	2	80 - 80
MR-3-3 G	3	60 - 80
MR-3-4 G	4	60 - 80
MR-3-5 G	5	50 - 80
MR-3-6 G	6	50 - 80
MR-3-7 G	7	40 - 80
MR-3-8 G	8	40 - 80



4 INSTALLATION DIMENSIONS (mm)



- 2 passing holes diameter ø 5,5 mm, with a counterbore for a bolt head with diameter ø 9x8 mm
- 4 mounting holes threaded M8 on the rear side

Type	X (mm)	Y (mm)	Z (mm)	mass (kg)
MR-3-1 G	70	58	54	2,10
MR-3-2 G	120	108	104	3,60
MR-3-3 G	170	158	154	5,20
MR-3-4 G	220	208	204	6,70
MR-3-5 G	270	258	254	8,30
MR-3-6 G	320	308	304	9,80
MR-3-7 G	370	358	354	11,40
MR-3-8 G	420	408	404	13,00

5 HYDRAULIC FLUID

Seals and materials used on standard valves MR-3-*G are fully compatible with hydraulic fluids of mineral oil base, upgraded with antifoaming and antioxidizing agents. The hydraulic fluid must be kept clean and filtered to ISO 4406 class 19/17/14, or better, and used in a recommended viscosity range from 10 cSt to 60 cS

6 MOUNTING SURFACE OF THE VALVE:

Planary of the surface: 0,01/100
rugosity: Ra 0,8
Every section has a mounting surface according to ISO 4401-03.