

Mounting subplates type BA-243

modular execution

The subplates series BA-243 are modular elements for installation of directional and modular valves size 06.

Each element provides: P and T passing through lines, A and B user ports and the valve mounting surface. Up to 10 elements can be stacked by means of tie rods, composing multi-station manifolds with valves connected in parallel.

The subplates are available in different configurations also with integral pressure relief valves.

1 MODULAR SUBPLATES

BA - 243	/	3	/	T	-	M	/	*	/	350	/	*	-	*	/	*
<p>BA-243: for ISO 4401 size 06 valves</p> <p>Number of intermediate elements type BA-***A</p> <p>Closing element: T = BA-***/T BT = BA-***/BT</p> <p>Basic element: A = Intermediate element B = basic element M = basic element with double stage pressure relief valve MP = basic element with direct pressure relief valve</p> <p>Version with directional valve for venting: 10 = 1 setting; venting with de-energized solenoid</p>																
<p>Optional: suffix for directional valve for venting, see table C045</p> <p>Optional: V = with setting adjustment by handwheel (only for versions /M and /MP)</p>																
<p>Calibration range for BA-243/M: 100, 210, 350 for BA-243/MP: 15, 75, 150, 250</p>																
<p>Seals material: - = NBR PE = FKM</p>																

ISO 4401 size 06

For the valve connection surface (BA-243/A), see figure on side 1 but without ports X and Y (ISO 4401-03-02-0-05)

Subplate	Tie-rod
BA-243/1	M8x80
BA-243/2	M8x138
BA-243/3	M8x186
BA-243/4	M8x234
BA-243/5	M8x282
BA-243/6	M8x330
BA-243/7	M8x378
BA-243/8	M8x426
BA-243/9	M8x474
BA-243/10	M8x522

UNIT ELEMENTS

BA-243/B: basic element with 1/2" P and T ports on the base, rear ports with P 3/8" and T 1/2".

BA-243/M/...: basic element with double stage pressure relief valve; base and rear P and T ports 1/2". It can be supplied also with handwheel:
BA-243/M/.../V

BA-243/MP/...: basic element with direct operated pressure relief valve; base and rear P and T ports 1/2". It can be supplied also with handwheel:
BA-243/MP/.../V

BA-243/A: intermediate element for ISO 4401 size 06 valves assembly; rear 3/8" A and B ports.

BA-243/T: closing element with 1/4" manometer port.

BA-243/BT: terminal element with 1/2" P and T ports on top side, rear 3/8" P and 1/2" T ports.

FUNCTIONAL LIMITS

- units BA-243 are designed to stack a maximum of 10 intermediate (/A) elements
- Qmax on uses A-B = 70 l/min
- Qmax on lines P-T = 100 l/min
- Pmax up to 4 elements = 350 bar
- Pmax 5 to 10 elements = 250 bar

Optional directional valve for venting is shown with dotted line.
Each unit is supplied with appropriate caps, O-rings and tie rods as indicated in the table on the right
For all tie rods : M8x*** tightening torque = 22 Nm