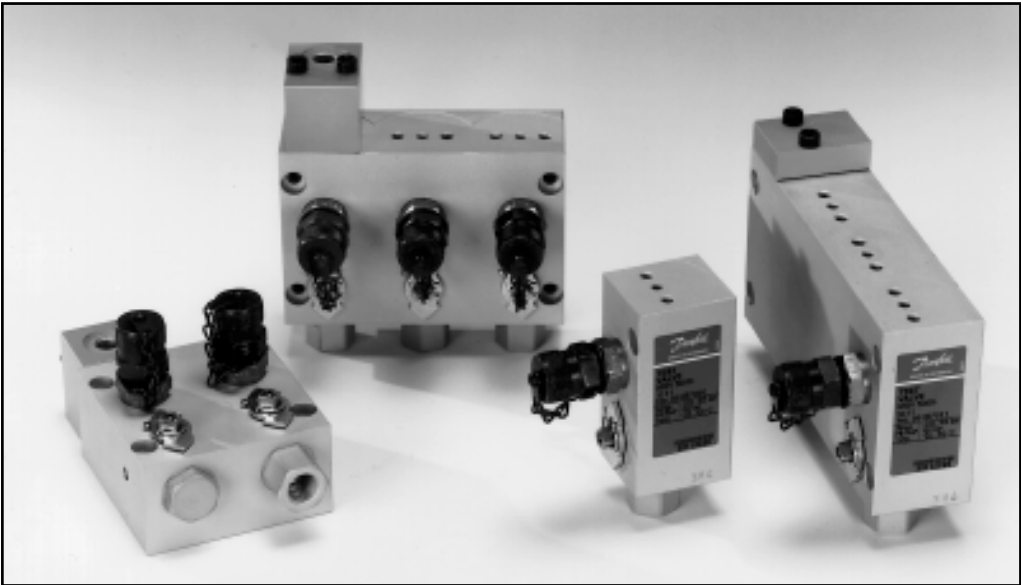


Pressure test valve MBV 5000

Danfoss block
components



The block concept has been developed to save space, weight, and costs. The product is intended for use in many applications, for example: monitoring, alarm indication, shut-down, diagnosing on equipment such as motors, gears, thrusters, pumps, filters, compressors, etc.

The range contains block pressure controls, block pressure transmitters, block test valves and accessories.

The concept meets the strict demands on marine equipment, including EU stipulations on such products.

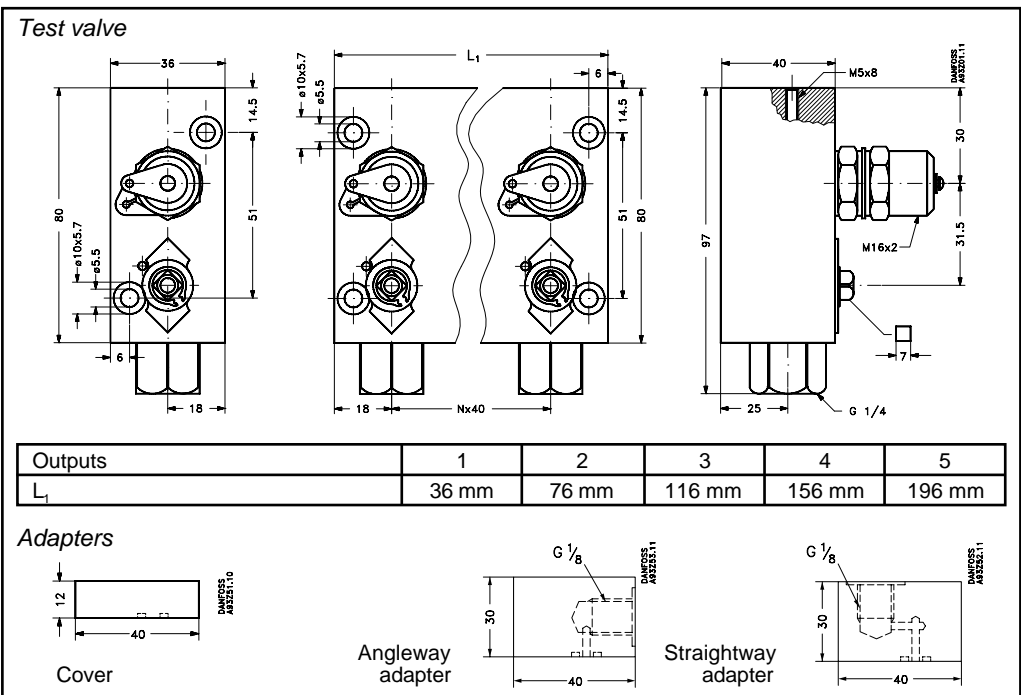
Block valve MBV 5000

MBV 5000 is a block valve designed in many different configurations for use in the marine industry. The valve meets demands for fast installation, simple isolation, and easy test pressure connection.

Advantages

- Compact design
- Light material
- Many configuration possibilities
- Low installation costs
- Fast and easy to operate

Dimensions



Technical data

Performance

Pressure	Overload pressure Burst pressure Operating pressure	180 bar 250 bar 0 to 120 bar
Temperature	Operating temperature Ambient temperature Temperature of medium	-20 to 120°C -20 to 120°C -20 to 120°C

Mechanical

Material	Housing Nipple Ball Gasket	Anodized AlMgSi1 AlMgSi1 1.4571 PEEK/FPM
Pressure connection	Input Output	G 1/4 Flange / M5 × 8

Specification and code numbers for standard types

Pressure connection: G 1/4. Test pressure connection: M16 × 2

Symbol	Type	Output no.	Weight kg	Length mm	Height mm	Width mm	Type no.	Code no.
	1	×1	0.4	36	80	40	MBV5000-1111	061B7000
		×2	0.8	76	80	40	MBV5000-1211	061B7001
		×3	1.2	116	80	40	MBV5000-1311	061B7002
		×4	1.6	156	80	40	MBV5000-1411	061B7003
		×5	2.0	196	80	40	MBV5000-1511	061B7004
	2	×2	0.8	76	80	40	MBV5000-2211	061B7005
		×3	1.2	116	80	40	MBV5000-2311	061B7006
		×4	1.6	156	80	40	MBV5000-2411	061B7007
		×5	2.0	196	80	40	MBV5000-2511	061B7008
	3	×2	0.7	76	80	40	MBV5000-3211	061B7009
		×3	1.0	116	80	40	MBV5000-3311	061B7010
		×4	1.3	156	80	40	MBV5000-3411	061B7011
		×5	1.6	196	80	40	MBV5000-3511	061B7012

Test pressure connection

Shut-off valve

Code numbers for standard flange → G 1/4 adapters

Description	Code no.
Cover	061B7200
Angleway adapter	061B7201
Straightway adapter	061B7202

Ordering special versions

Type no: MBV 5000-

Type	x	x	x	x	Pressure connection
Separate inputs and separate test functions	1			1	G 1/4
Common input and separate test functions	2			2	M10 × 1
Common input and common test function	3			x	Other
Other	X				
Number of outputs (n)					Test pressure connection
1 Output (only for type 1)	1	0			Hole plug G 1/4
2 Outputs	2	1			Pressure gauge connection M16 × 2
3 Outputs	3	X			Other
4 Outputs	4				
5 Outputs	5				
Other	X				