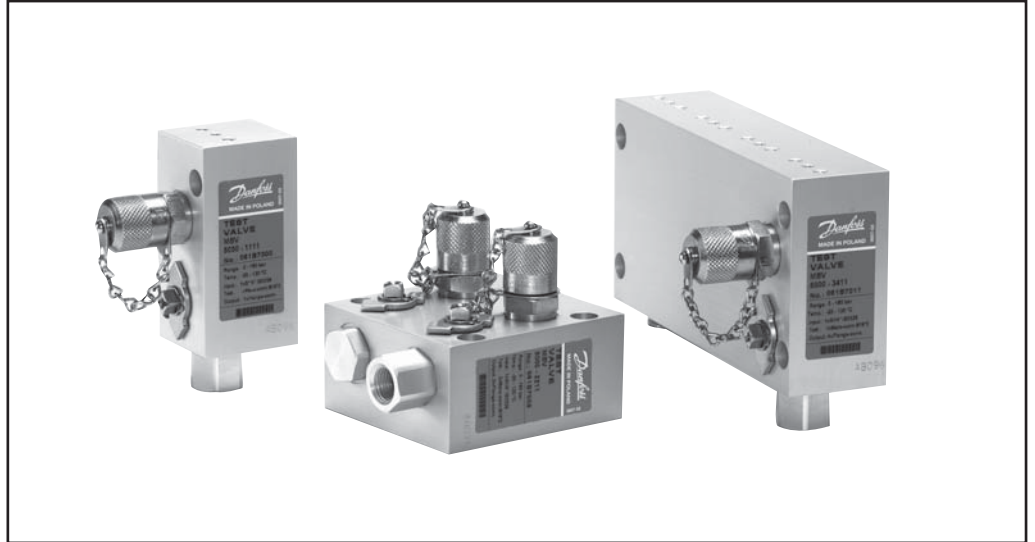


# Pressure Test Valve MBV 5000

**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

**Technical data**

*Performance*

Pressure	Burst pressure	720 bar
	Operating pressure	0 to 180 bar
Temperature	Operating temperature	-20°C to 120°C
	Ambient temperature	-20°C to 120°C
	Temperature of medium	-20°C to 120°C

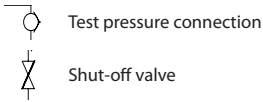
*Mechanical*

Material	Housing	Anodized AlMgSi1
	Nipple	AlMgSi1
	Ball	1.4404
	Gasket	PEEK/FPM
Pressure connection	Input	G¼
	Output	Flange / M5 x 8

**Specification and code numbers for standard types**

Pressure connection:  $G \frac{1}{4}$ , Test pressure connection:  $M16 \times 2$

Symbol	Type	Output no.	Weight kg	Length mm	Height mm	Width mm	Type no.	Code no.
	1	x1	0.4	36	80	40	MBV5000-1111 MBV5000-1211 MBV5000-1311 MBV5000-1411 MBV5000-1511	<b>061B7000</b>
		x2	0.8	76				<b>061B7001</b>
		x3	1.2	116				<b>061B7002</b>
		x4	1.6	156				<b>061B7003</b>
		x5	2.0	196				<b>061B7004</b>
	2	x2	0.8	76	80	40	MBV5000-2211 MBV5000-2311 MBV5000-2411 MBV5000-2511	<b>061B7005</b>
		x3	1.2	116				<b>061B7006</b>
		x4	1.6	156				<b>061B7007</b>
		x5	2.0	196				<b>061B7008</b>
	3	x2	0.7	76	80	40	MBV5000-3211 MBV5000-3311 MBV5000-3411 MBV5000-3511	<b>061B7009</b>
		x3	1.0	116				<b>061B7010</b>
		x4	1.3	156				<b>061B7011</b>
		x5	1.6	196				<b>061B7012</b>



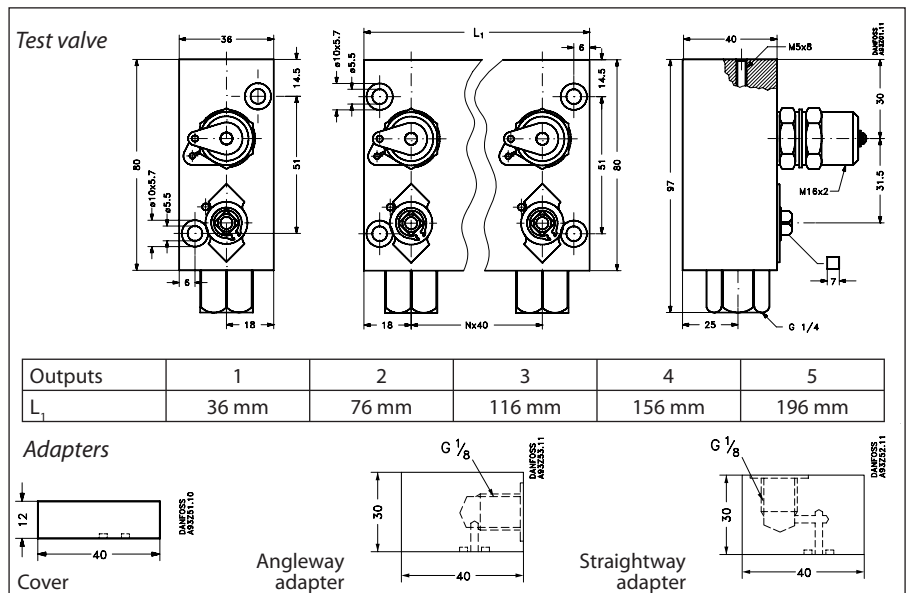
**Code numbers for standard flange →  $G \frac{1}{8}$  adapters**

Description	Code no.
Cover	<b>061B720001</b>
Angleway adapter	<b>061B720101</b>
Straightway adapter	<b>061B720201</b>

**Ordering special versions**

Type no: MBV 5000-	x	x	x	x
<b>Type</b>				
Separate inputs and separate test functions	1			
Common input and separate test functions	2			
Common input and common test function	3			
Other	X			
				<b>Pressure connection</b>
			1	$G \frac{1}{4}$
			2	$M10 \times 1$
			x	Other
				<b>Test pressure connection</b>
<b>Number of outputs (n)</b>				
1 Output (only for type 1)	1	0		Hole plug $G \frac{1}{4}$
2 Outputs	2	1		Pressure gauge connection $M16 \times 2$
3 Outputs	3	X		Other
4 Outputs	4			
5 Outputs	5			
Other	X			

**Dimensions**



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