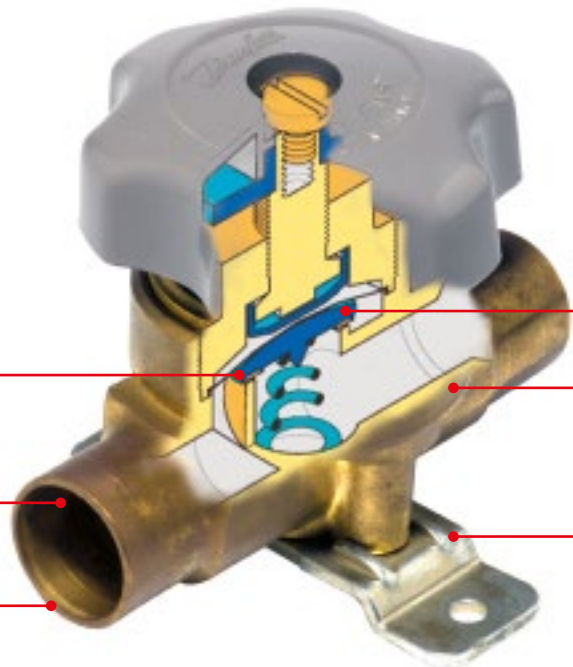
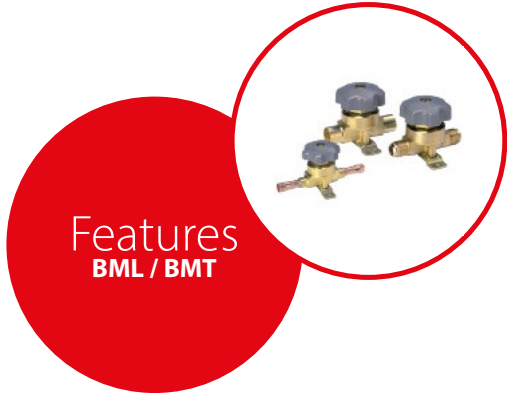


BML / BMT, Shut-off diaphragm valves

BML are manual shut-off diaphragm valves designed for installation in the liquid, suction and hot gas lines of refrigeration plants. BML valves can be delivered with flare, ODF solder or ODF solder with extended ends.

In the same product category, BMT 6 is a three-way manual shut-off valve with similar characteristics.



Complete shut-off with minimum torque due to valve plate in nylon

No leakage - fitted with three stainless steel diaphragms

Also available as 3-way version (type BMT)

Available with solder brass or copper connections and flare

Ready for mounting - delivered with mounting bracket

Connections: 6 mm (¼ in) up to 22 mm (¾ in)

Facts

Application:

- Traditional refrigeration
 - Applicable to R134a, R22 / R407C, R404A / R507, R290, R600, R600a, R1270, R513A, R450A, R1234ze, R1234yf
- Only solder versions are allowed for flammable refrigerant.
 For a fully updated list of approved refrigerants, visit www.products.danfoss.com and search for individual code numbers, where refrigerants are listed as part of product specifications.

- Fitted with three stainless steel diaphragms which ensure long operating life
- Valve plate of polyamide nylon to give complete shut-off with minimum torque
- Valve cover with counter-seat to prevent the ingress of moisture in fully open position

- Temperature range: -55 – 100 °C / -67 – 212 °F
- Max. working pressure PS / MWP: 28 bar / 406 psig
- Working range: $\Delta p = -1 - 21$ bar / -14 - 304 psig
- Approvals: C UL US LISTED, EAC
- Solder versions are compliant with ATEX hazard zone 2

Technical data and ordering

BML flare, with hand wheel



Ordering

Type	Version	Flare connection		Max. working pressure PS / MWP		K _v value [m ³ /h]	C _v value [gal/min]	Code no.
		[in]	[mm]	[bar]	[psi]			Flare
BML 6	Straight way	¼	–	28	406	0.30	0.35	009G0101
BML 10	Straight way	¾	–	28	406	0.84	0.98	009G0127
BML 12	Straight way	½	–	28	406	1.50	1.75	009G0141
BML 15	Straight way	¾	–	28	406	2.20	2.57	009G0168
BML 18	Straight way	¾	–	28	406	2.90	3.38	009G0183

BML ODF solder, with hand wheel



Ordering

Type	Version	[in]	[mm]	Max. working pressure PS / MWP		K _v value [m ³ /h]	C _v value [gal/min]	Code no.
				[bar]	[psi]			
BML 6s	Straight way	¼	–	28	406	0.30	0.35	009G0102
	Straight way	–	6	28	406	0.30	0.35	009G0108
BML 10s	Straight way	¾	–	28	406	0.84	0.98	009G0122
	Straight way	–	10	28	406	0.84	0.98	009G0128
BML 12s	Straight way	½	–	28	406	1.50	1.75	009G0142
	Straight way	–	12	28	406	1.50	1.75	009G0148
BML 15s	Straight way	¾	16	28	406	2.20	2.57	009G0170
BML 18s	Straight way	¾	–	28	406	2.90	3.38	009G0181
	Straight way	–	18	28	406	2.90	3.38	009G0184
BML 22s	Straight way	¾	22	28	406	2.90	3.38	009G0191

BML ODF solder extended connections, with hand wheel



Ordering

Type	Version	[in]	[mm]	Max. working pressure PS / MWP		K _v value [m ³ /h]	C _v value [gal/min]	Code no.
				[bar]	[psi]			
BML 6s	Straight way	¼	–	28	406	0.30	0.35	009G0202
	Straight way	–	6	28	406	0.30	0.35	009G0208
BML 10s	Straight way	¾	–	28	406	0.84	0.98	009G0222
	Straight way	–	10	28	406	0.84	0.98	009G0228
BML 12s	Straight way	½	–	28	406	1.50	1.75	009G0242
	Straight way	–	12	28	406	1.50	1.75	009G0248
BML 15s	Straight way	¾	16	28	406	2.20	2.57	009G0262
BML 22s	Straight way	¾	22	28	406	2.90	3.38	009G0291

BMT 3-way flare, with hand wheel



Ordering

Type	Version	Flare connection		Max. working pressure PS / MWP		K _v value [m ³ /h]	C _v value [gal/min]	Code no.
		[in]	[mm]	[bar]	[psi]			Flare
BMT 6	Three-way	¼	–	28	406	0.3	0.35	009G0105

Note

Only solder versions are approved for flammable refrigerants now

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Technical data and ordering

Spare parts

Ordering

Type	Pos.	Description	Qty.	Code no.	
BML 6	1	Diaphragm assy without Teflon	1	009G0025	
	2	Diaphragm	2		
	3	Fag with grease	1		
BMT 6	1	Diaphragm assy without Teflon	1		009G0026
	2	Diaphragm	2		
	3	Fag with grease	1		
BML 10	1	Diaphragm assy without Teflon	1	009G0027	
	2	Diaphragm	2		
	3	Fag with grease	1		
BML 12	1	Diaphragm assy without Teflon	1		009G0028
	2	Diaphragm	2		
	3	Fag with grease	1		
BML 15	1	Diaphram assy without Teflon	2	009G0029	
	2	Diaphragm	1		
	3	Fag with grease	2		
BML 18	1	Diaphram assy without Teflon	1		009G0025
	2	Diaphragm	2		
	3	Fag with grease	1		
BML 22	1	Diaphram assy without Teflon	1	009G0026	
	2	Diaphragm	2		
	3	Fag with grease	1		

