



OV-TYPE CHECK VALVES

special feature: low pressure loss and low noise, self-retention in flow direction

Size: 10 – 50 mm | corresponding bore diameter: 10.1 - 50.1 mm

Installation: preferably against flow direction

Design: open cage, with snap-fit tabs

designation	bore diameter	recommended flow rate		sealing material	part number
		l/min	gpm		
OV10/DN8	10.1 mm	3.0 - 16.2	0.8 - 4.3	silicone	314210000
OV15/DN15-EPDM	15.1 mm	12.6 - 45.0	3.3 - 11.9	EPDM	310001000
OV20/DN20-EPDM	20.1 mm	24.0 - 81.0	6.3 - 21.4	EPDM	310003000
OV25/DN25-EPDM	25.1 mm	27.0 - 129.0	7.1 - 34.1	EPDM	314339000
OV32/DN32-EPDM	32.1 mm	51.0 - 234.0	13.5 - 61.8	EPDM	310122000
OV40/DN40-EPDM	40.1 mm	75.0 - 360.0	19.5 - 95.1	EPDM	314343000
OV50/DN50-EPDM	50.1 mm	204.0 - 540.0	59.9 - 142.7	EPDM	310132000
OV15/DN15	15.1 mm	12.6 - 45.0	3.3 - 11.9	NBR	314215000
OV20/DN20	20.1 mm	24.0 - 81.0	6.3 - 21.4	NBR	314220000
OV25/DN25	25.1 mm	27.0 - 129.0	7.1 - 34.1	NBR	314225000
OV32/DN32	32.1 mm	51.0 - 234.0	13.5 - 61.8	NBR	314232000
OV40/DN40	40.1 mm	75.0 - 360.0	19.5 - 95.1	NBR	314240000
OV50/DN50	50.1 mm	204.0 - 540.0	59.9 - 142.7	NBR	314250000



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For high tech and hot water applications (-HT):

designation	bore diameter	recommended flow rate		sealing material	part number
		l/min	gpm		
OV15/DN15-HT	15.1 mm	12.6 - 45.0	3.3 - 11.9	EPDM	310022000
OV20/DN20-HT	20.1 mm	24.0 - 81.0	6.3 - 21.4	EPDM	310012000
OV25/DN25-HT	25.1 mm	27.0 - 129.0	7.1 - 34.1	EPDM	310028000
OV32/DN32-HT	32.1 mm	51.0 - 234.0	13.1 - 61.8	EPDM	310030000
OV40/DN40-HT	40.1 mm	75.0 - 360.0	19.8 - 95.1	EPDM	310046000
OV50/DN50-HT	50.1 mm	204.0 - 540.0	53.9 - 142.7	EPDM	314350000

With glass fiber reinforced plunger for high backpressure loads (-GF):

designation	bore diameter	recommended flow rate		sealing material	part number
		l/min	gpm		
OV15/DN10-GF-F1-EPDM	15.1 mm	3.0 - 21.0	0.8 - 5.5	EPDM	310123000
OV15/DN10-GF-F1	15.1 mm	3.0 - 21.0	0.8 - 5.5	NBR	310047000

F1: with integrated filter

With integrated pressure relief (-PR):

designation	bore diameter	recommended flow rate		sealing material	part number
		l/min	gpm		
OV15/DN15-PR-EPDM	15.1 mm	12.6 - 45.0	3.3 - 11.9	EPDM	310120000
OV15/DN15-PR	15.1 mm	12.6 - 45.0	3.3 - 11.9	NBR	310070000
OV20/DN20-PR	20.1 mm	24.0 - 81.0	6.3 - 21.4	NBR	310072000