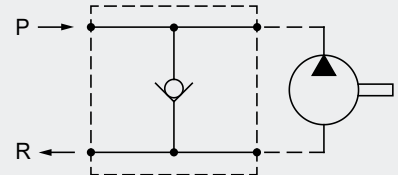


Bypass/anti-cavitation valve HNV



Cavitation protection for orbital motors
With G 3/8" hollow bolts



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Characteristics

- Hydraulic motor anti-cavitation valve
- Cavitation protection for Danfoss OMM and motors with the same connection pattern
- Oil is drawn in by the check valve on the opposite side when the motor runs on after switching off
- Space-saving installation
- Maintenance-free

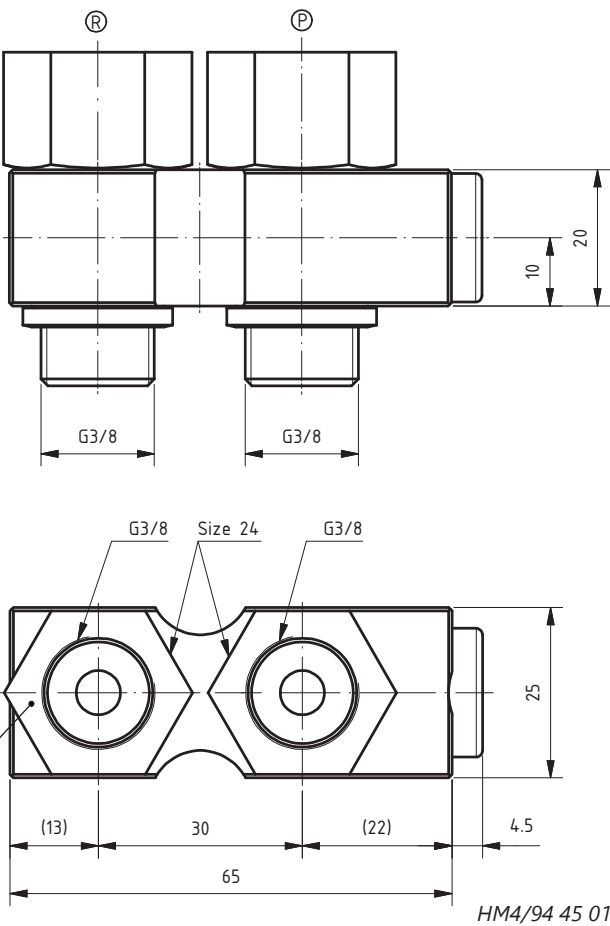
Technical data

Hydraulic characteristics	Max operating pressure:	210 bar
	Max. flow rate:	10 l/min
	Check valve opening pressure:	0.3 bar
	Operating fluids:	Mineral oils according to DIN 51524, others on request
	Viscosity range:	7.4 - 420 cSt
	Filtration:	Oil purity according to ISO 4406 (1999) 18/16/13, filter with β 5(c) > 200

Mechanical characteristics	Design:	Bypass/anti-cavitation valve
	Size:	G 3/8"
	Fluid temperature:	-20 °C to +80 °C
	Ambient temperature:	-20 °C to +80 °C
	Storage temperature:	-20 °C to +60 °C (non-condensing)
	Installation position:	Any
	Weight:	0.23 kg
	Materials:	Casing: Aluminum Hollow bolts and edge sealing rings: Steel
	Surface protection:	Aluminum: anodized, steel: galvanized

Dimensions

Bypass/
anti-cavitation valve
HNV



Type code

Article designation	Article number
Bypass/anti-cavitation valve HNV including G 3/8" hollow bolts	203.0029

Installation instructions

If the tightening torque is exceeded when installing port P and R, damage may occur to the hollow bolts! The tightening torque values of the hollow bolt are maximum values which are not be exceeded (Nm, counter material steel). This must be guaranteed by using the necessary tools (torque wrench) and tightening procedure.

If leaks occur on the edge sealing ring despite a correct tightening torque, the group must never be tightened to a higher torque. It may be necessary to replace the bypass/anti-cavitation valve and/or the counter piece. The edge sealing ring must also be replaced at the same time.

The group is designed to absorb hydraulic forces. If there are any mechanical forces, e.g. applied through hydraulic tubing (fixed tubing), this may lead to failure. Hydraulic tubing must be connected to the valve without any tension.

Accessories and further information

Accessories/spare parts	Article:	Article number:
	Hollow bolt G 3/8"	805.0001
	Edge sealing ring R 3/8 "	809.0011

Operating manual

Information regarding assembly, commissioning and maintenance is available in section 11, "General information" in the "General Operating Manual" category or on request.

Standard program



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Subject to changes