ENGINEERING
TOMORROW

Data sheet

Check valves
VCH 30, VCH 60, VCH 120 and VCH 150



The function of the non-return valve is to allow flow in one direction while blocking it in the other.
The valve incorporates a conical poppet design, which ensures sealing with a low viscosity medium such as water.
The Water must be clean (according to the EU drinking water directives 98/83/EC) and must be free from abrasive sediments.

The valves are available for flows of 30 l/min, 60 l/min, 120 l/min. and 150 l/min.

If the recommendations in the manual are not followed, Danfoss reserves the right to void the warranty.

Features

- The non-return valve is produced in stainless steel AISI 304 L/W.No. 1.4301

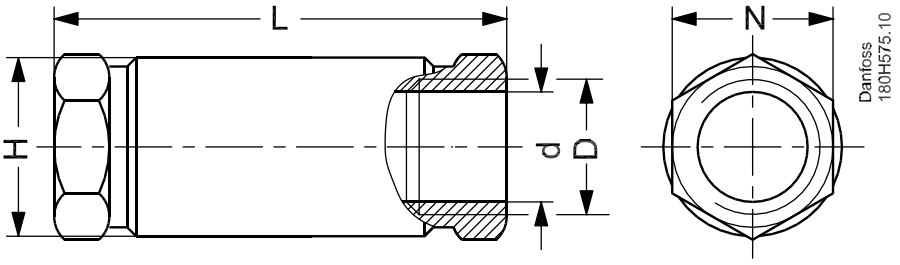
Technical data and ordering

Type	Max. pressure barg	Flow continuously l/min.	Opening pressure barg	Pressure loss at max. flow barg	Code number
VCH 30	300	30	0.5	2.5	180H0114
VCH 60	300	60	0.3	2.5	180H0115
VCH 120	250	120	0.5	2.5	180H0116
VCH 150	160	150	0.5	2.5	180H0117

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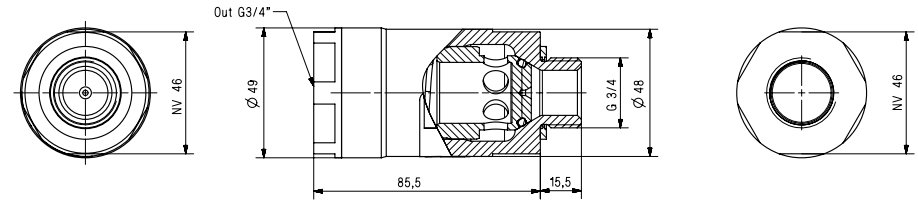
Dimensions

VCH 30, VCH 60 & VCH 120



Type	L mm	H mm	D	d mm	N mm	Weight kg
VCH 30	76	30	G 3/8	9.5	27	0.3
VCH 60	77	38	G ½	13	32	0.4
VCH 120	92	48	G ¾	19	41	0.8

VCH 150



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