

MAXIMATOR®

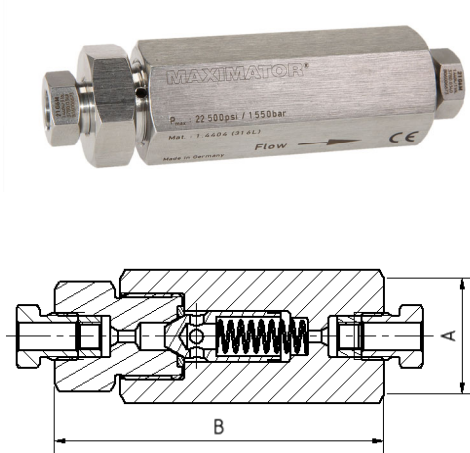
Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet

Hydrogen Cone Check Valve 21CC..M-H2



Technical Data

Operating temperature:	-80°C / +200°C
Operating pressure:	22500 psi (1550 bar)
Net weight:	refer to table "Valve Type"

Materials:

Valve body:	1.4404 (SST 316L)
Sealing cone:	1.4404 (SST 316L)
Seal:	PEEK

Dimensions:

Lenght:	refer to table "Valve Type"
Width across flats (Hex.) :	refer to table "Valve Type"
Orifice:	refer to table "Catalog Part Number"

Catalog Part Number

Pressure Rating	Component Type	Connection Size	Type	Orifice in. (mm)	Rated Cv	Application
21 = 22500 psi (1550 bar)	CC = Cone Check Valve	4 = 1/4"	M = Medium Pressure	0.106 (2.7)	0.28	H2 = Hydrogen
		6 = 3/8"		0.201 (5.1)	0.84	
		9 = 9/16"		0.307 (7.8)	2.30	
		12 = 3/4"		0.438 (11.1)	4,7	
		16 = 1"		0.562 (14.3)	7,4	

Valve Type

Catalog Number	Opening pressure (bar)	Width across flats (Hex.) (A) in. (mm)	Lenght (B) in. (mm)	Weight (kg)
21CC4M-H2	approx. 0,4	1.06 (27.0)	2.91 (73.9)	0,35
21CC6M-H2	approx. 0,4	1.06 (27.0)	3.31 (84.1)	0,40
21CC9M-H2	approx. 0,1	1.44 (36.5)	4.29 (109.0)	0,96
21CC12M-H2	approx. 0,1	1.44 (36.5)	5.35 (136.0)	1,16
21CC16M-H2	approx. 0,1	2 (50,8)	6.88 (175)	3,18

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