

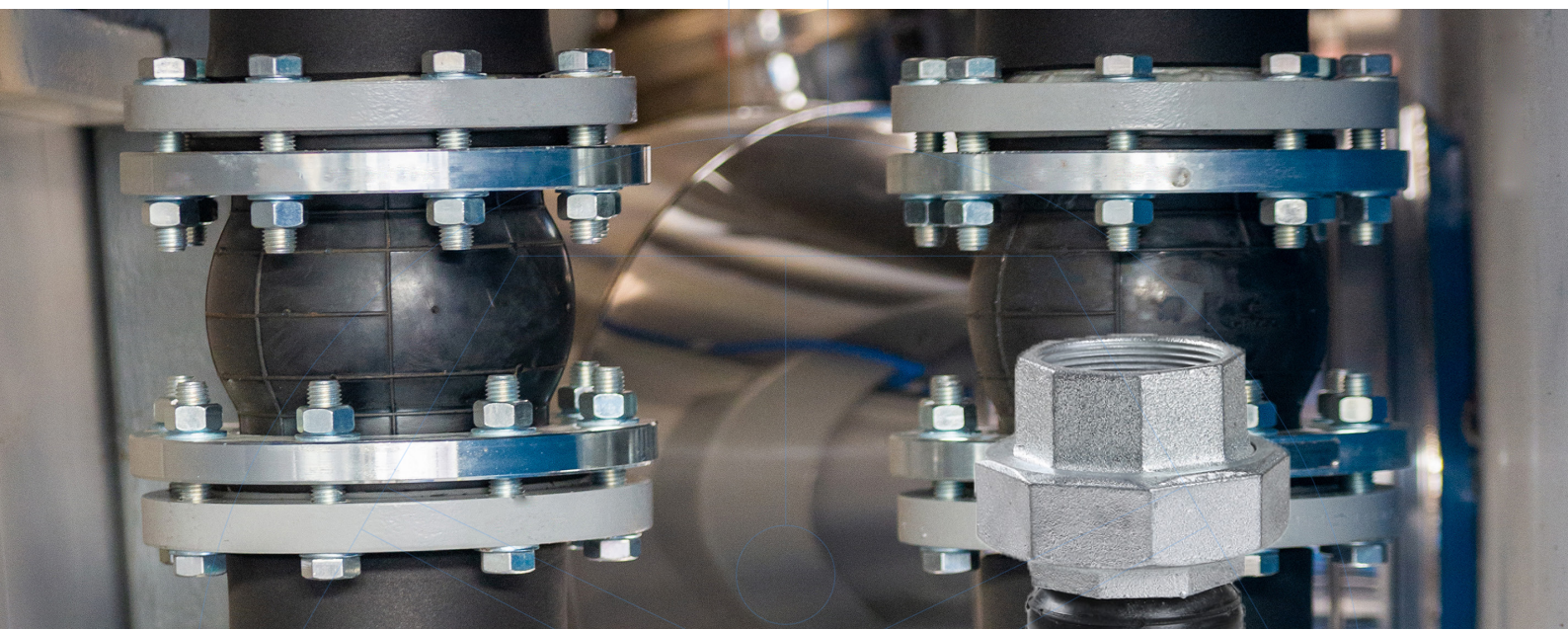
DAVINCI TECHNICAL DATA GUIDE

RUBBER EXPANSION JOINTS

THREADED ENDS

Ref. 221A-CM / PN 10-16

CE



Application

Heating and HVAC systems.
Cooling and overheated water circuits.
Pumping stations.
Compressor connections.
Industrial and marine piping systems.

Approvals/Standards

Mounting with threaded ends: GAS/NPT
Pressure Tests acc. to EN 12266-1 Rate A. GB/T13927-1992
Pressure Tests: Body: 1,5 x PN
Products excluded from directive directive 2014/68/EU Equipment under pressure (Article 4&3).

Certifications

CE

Range

DN15-80, PN10



GENERAL CHARACTERISTICS

Range from DN15 up to DN80

Full bore.

Twin wave construction with minimum head loss. Designed to absorb vibration and noises in fluid conduction pipelines.

Made with a special moulding technique using synthetic fiber of high resistance to reinforce the body, can support a braking pressure of more than 60 bar, even if the usual working pressure is not above 16 bar.

Installation in horizontal and vertical position.

WORKING CONDITIONS

Maximum working pressure: 10 bar.

Working pressure: 10 bar.

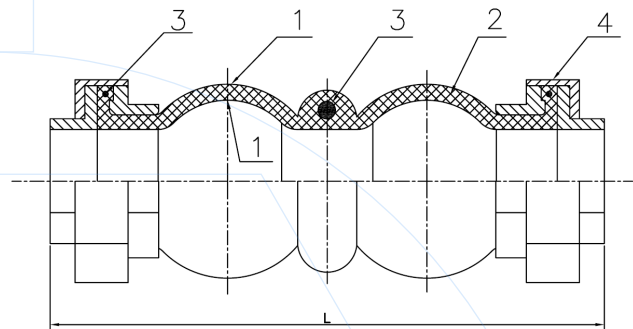
Working temperature: -5°C +100°C (for EPDM).

Suitable media: water.

Consult factory for other applications.

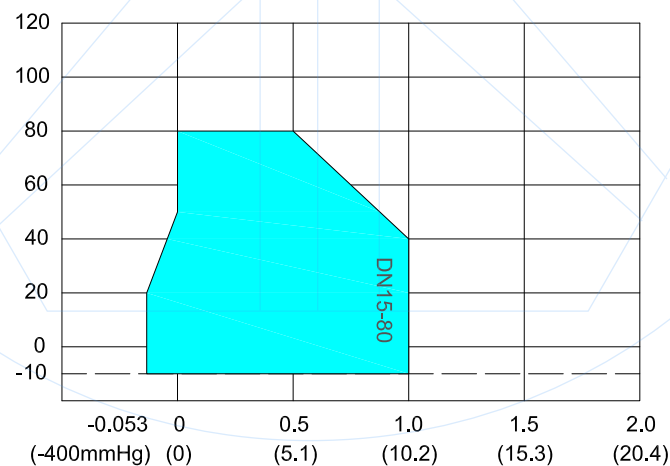
N°	ITEM	MATERIAL
1	Outer / Innet rubber	EPDM
2	Key frame	Cord fabric
3	Reinforcing ring	Steel wire strand
4	Threads	Cast iron

Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.



DN	L	DISPLACEMENT				Weight (kg)
		Extension	Compresion	Transversal	Angle	
15	200	6	22	22	30°	0.7
20	200	6	22	22	30°	0.9
25	200	6	22	22	30°	1.2
32	200	6	22	22	30°	1.4
40	200	6	22	22	30°	2.0
50	200	6	22	22	30°	2.5
65	225	6	24	24	30°	3.7
80	225	6	24	24	30°	5.0

Temp.[°C]



TEMPERATURE/PRESSURE RATE FOR EPDM

Highest temperature and working pressure						
DN	50°C	55°C	60°C	70°C	80°C	90°C
15-80	10 bar	9 bar	10 bar	7 bar	4 bar	2 bar



CONTACT US

DAVINCI VALVES ORDER REQUEST

Ref. 221A-CM / PN 10-16



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