HIGH PRESSURE

Flexible Metal Hoses

KLINGER India

It is our product group that meets the needs of our customers at very high pressures with special braiding designs and due to their larger wall thickness compared to industrial type hoses.

In addition to our standard production from DN6 to DN16, production up to DN50 is made in line with customer demands.



Advantages

» Can withstand high pressures without braid
» Used in moving parts

Applications

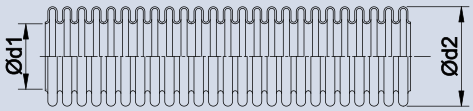
» Hydraulic systems
» High pressure pumps
» Gas distribution lines
» Machinery industry
» Chemical industry

DESIGN VALUES

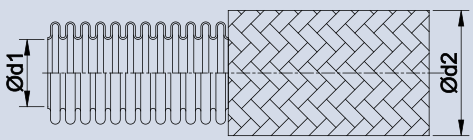
Without Braid	MH 221 OG
With Braid	MH 221 MG
Hose Material	316L, 321
Braid Material	304, 306
Working Pressure	0-345 barg
Sizes	DN6-DN150



221 OG



DN		Type	d1	d2	Tolerance	Bending Radius		Working Pressure		Weight (±%10)	Length
						Once-only	Frequent	Permissible Pressure at 20°C (SF3)	Nominal Pressure EN10380 (SF4)		
mm	inch		mm	mm	mm	mm	mm	barg	barg	kg/m	m
6	1/4"	MH 221 OG	6,1	10,2	±0,3	15	140	43		0,152	10-100
8	5/16"	MH 221 OG	8,1	12,9	±0,3	20	180	50		0,213	10-100
10	3/8"	MH 221 OG	10,1	16,1	±0,3	25	220	33		0,225	10-100
12	1/2"	MH 221 OG	12,1	18,8	±0,3	30	250	32		0,375	10-100
16	5/8''	MH 221 OG	16,2	24,5	±0,3	40	300	22		0,585	10-100



221 MG

DN		Type	d1	d2	Tolerance	Bending Radius		Working Pressure		Weight (±%10)	Length
						Once-only	Frequent	Permissible Pressure at 20°C (SF3)	Nominal Pressure EN10380 (SF4)		
mm	inch		mm	mm	mm	mm	mm	barg	barg	kg/m	m
6	1/4"	MH 221 MG	6,1	11,6	±0,3	25	140	345	255	0,257	10-100
8	5/16"	MH 221 MG	8,1	14,5	±0,3	32	180	265	200	0,365	10-100
10	3/8"	MH 221 MG	10,1	17,6	±0,3	38	220	220	165	0,470	10-100
12	1/2"	MH 221 MG	12,1	20,4	±0,3	45	250	186	140	0,595	10-100
16	5/8''	MH 221 MG	16,2	26,5	±0,3	58	300	186	140	0,945	10-100

Subject to technical alterations.
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