



## BOA SIGMA / OMEGA

**Stainless steel vibration absorbers, with loose flange fitting**

Thanks to the double-ply corrugated metal hose BOA DUO, the vibration absorbers type SIGMA and OMEGA are perfectly appropriate to absorb engine vibrations.

### Materials:

Corrugated hose	stainless steel 1.4571
Braid	stainless steel 1.4301
End rings	stainless steel 1.4301
Collar	stainless steel 1.4571
Loose flanges	steel 37.2, drilled acc. to PN16, from DN 200 on, drilled acc. To PN10 (special version: stainless steel)

### Application fields:

**SIGMA:** longer version, therefore suitable for bigger vibrations of lower frequency.

**OMEGA:** shorter version, therefore applicable when high-frequency vibrations occur.

### Max. operating temperature:

- 350°C with steel loose flanges
- 450°C as special version with stainless steel loose flanges

DN [mm]	∅ Outside [mm]	Flange drilling PN [bar]	Nominal pressure PN [bar]	Type [ - ]	Nominal length L [mm]	Weight [kg]	BOA item n° [ - ]
40	50.7	16	16	SIGMA	400	4.3	M-0001146 <sup>1)</sup>
				OMEGA	200	4.0	M-0001155 <sup>1)</sup>
50	63.0	16	16	SIGMA	450	6.1	M-0001147 <sup>1)</sup>
				OMEGA	240	5.5	M-0001156 <sup>1)</sup>
65	78.0	16	16	SIGMA	500	7.8	M-0001148 <sup>1)</sup>
				OMEGA	270	7.0	M-0001157 <sup>1)</sup>
80	95.5	16	16	SIGMA	600	9.8	M-0001149 <sup>1)</sup>
				OMEGA	320	8.5	M-0001159 <sup>1)</sup>
100	115.6	16	16	SIGMA	650	11.7	M-0001150 <sup>1)</sup>
				OMEGA	350	9.5	M-0001160 <sup>1)</sup>
125	146.0	16	16	SIGMA	750	17.1	M-0001151 <sup>1)</sup>
				OMEGA	400	14.0	M-0001161 <sup>1)</sup>
150	171.5	16	6	SIGMA	850	22.0	M-0001152
				OMEGA	450	17.5	M-0001162
200	222.0	10	6	SIGMA	1000	35.0	M-0001154
				OMEGA	520	27.0	M-0001164
250	281.0	10	6	OMEGA	550	35.0	M-0001165

<sup>1)</sup>Preferred series; usually available at short term

### Useful data for placing an inquiry or order:

- Item description: BOA SIGMA / OMEGA
- BOA item n° (M- .....)
- DN
- Quantity

The three leaflets for metal hoses and metal hose assemblies "Technical Information", "Installation Instructions" and "Guarantee/ Delivery terms/ Conditions" are integrating part of the present product data sheet.