Castel®
Italian technology

POLYHEDRA

VIBRATION ABSORBERS FOR FLAMMABLE REFRIGERANTS





DESIGNED FOR NEXT-GENERATION REFRIGERANTS

Compatibility, safety, and reliability

WHY INSTALL A VIBRATION ABSORBER?

Vibrations generated by the compressor are transmitted to the refrigerant circuit piping. The vibration absorber absorbs them, reducing mechanical stress and contributing to the system's reliability.

HOW DOES IT WORK?

Thanks to the flexible metal bellows, the vibration absorber compensates for compressor movements and dampens the transmission of vibrations to the piping, helping to preserve the integrity of the connections and the longevity of the system.



VIBRATION ABSORBERS

- Stainless steel
- TIG welding
- Stainless steel ring
- Stainless steel wire braid
- Corrugated stainless steel flexible hose

APPLICATION

Operation

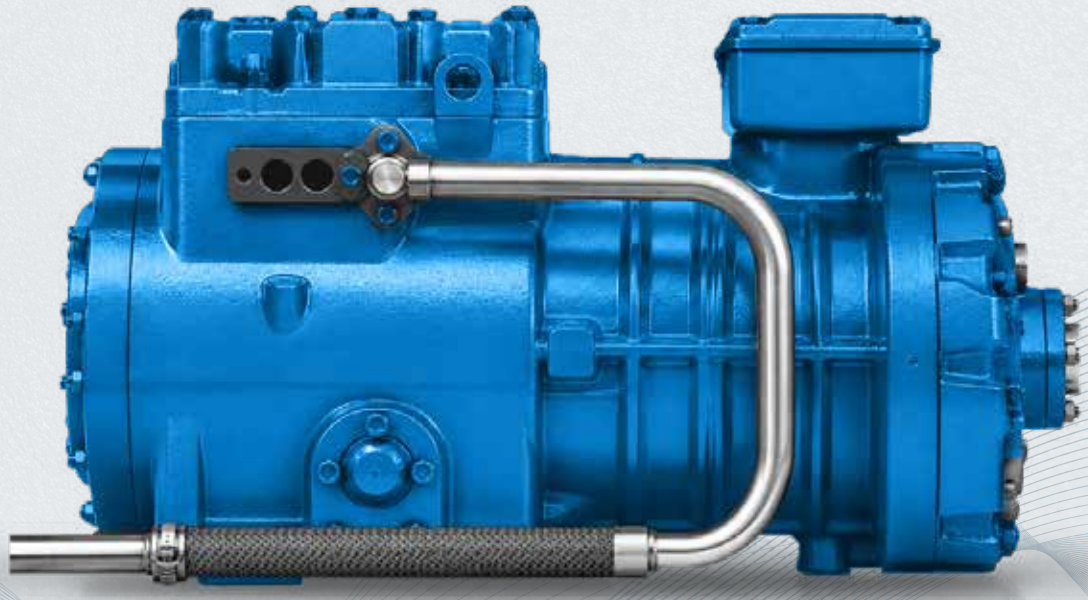
The corrugated bellows absorbs vibrations and minor movements generated by the compressor, reducing the transmission of mechanical stress to the piping and helping to increase the reliability of the refrigeration circuit.

Components

Made of a stainless steel bellows with welded stainless steel end fittings, the vibration absorber is designed to ensure high flexibilityand mechanical strength.

Materials

Made entirely of stainless steel, it ensures corrosion resistance and is suitable for all application.



Drawing		Part number	Connections		PS [bar]
			Ø [in.]	Ø [mm]	
		7690N/3	3/8"	-	50
		7690N/M10	-	10	
		7690N/M12		12	
		7690N/4	1/2"	-	
		7690N/M15	-	15	
		7690N/5	5/8"	16	
		7690N/M18	-	18	
		7690N/6	3/4"	-	
		7690N/7	7/8"	22	
		7690N/M28	-	28	
		7690N/9	1.1/8"	-	
		7690N/11	1.3/8"	35	
		7690N/13	1.5/8"	-	
		7690N/M42	-	42	
		7690N/17	2.1/8"	54	
	NEW	7690N/M64	-	64	50
	NEW	7690N/21	2.5/8"	67	
	NEW	7690N/24	3"	76	
	NEW	7690N/25	3.1/8"	80	
	NEW	7690N/28	3.1/2"	89	
	NEW	7690N/34	4.1/4"	108	

POLYHEDRA

ISO 14001

Castel has always been aware of environmental sustainability issues and gives its contribution to a cleaner environment, supplying the refrigeration and air conditioning industry with state-of-the-art and environment-friendly technology. With its commitment and steady research in its laboratories, Castel has developed a whole range of products using natural refrigerants, which reduce emissions to the minimum. The large range of products belonging to the Castel "GoGreen" line has been developed to be used in CO_2 (R744) filled systems.

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CASTEL S.r.l.
Via Provinciale, 2-4
20042 Pessano con Bornago (MI)
Tel. +39 02.957021
Fax +39 02.95741317
info@castel.it
castel.it