

# Grasso 7S & 8S series

*Reciprocating compressors for industrial refrigeration*

Grasso 5HP - 100 to 200 m<sup>3</sup>/h

Grasso 6 - 135 to 270 m<sup>3</sup>/h

> **Grasso 7S - 100 to 270 m<sup>3</sup>/h**

> **Grasso 8S - 360 to 435 m<sup>3</sup>/h**

Grasso 10 - 145 to 580 m<sup>3</sup>/h

Grasso 12 - 530 to 1590 m<sup>3</sup>/h

Grasso 12E - 795 to 2390 m<sup>3</sup>/h

*Ammonia Semi-hermetic*



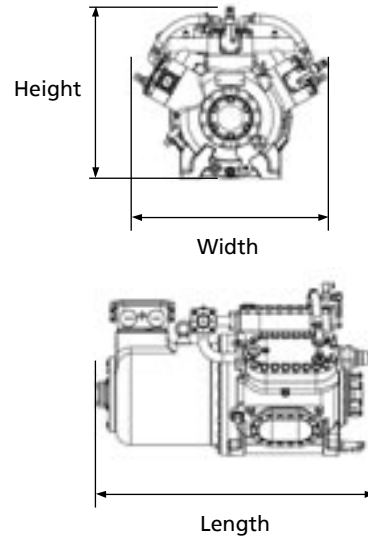
**Grasso 7S & 8S**

# Product range

The Grasso 7S and 8S compressor series offers a unique range of compact cast iron *semi-hermetic* reciprocating compressors in single-stage execution. Both series of compressors have been especially developed for use in standardised NH<sub>3</sub> water chillers for air conditioning or process cooling.

A combination of a proven NH<sub>3</sub> compatible electric motor, a unique development, and the new Grasso 7S and Grasso 8S compressors fitted with industrial components result in „the best of 2 worlds“. The lack of shaft seal guarantees extra safety in sensitive areas such as office buildings, public areas etc.

These *semi-hermetic* series comprise 8 single-stage models and, in combination with 4 different sizes of electric motors, the optimum selection can be made.



Type *	Swept Volume □ 1500 min <sup>-1</sup> (m <sup>3</sup> /h)	Q <sub>0</sub> (kW) NH <sub>3</sub>		Dimensions (mm) ◀▶			Weight (kg) ▲
		0/+40 °C	+5/+40 °C	L	W	H	
Grasso 7S single-stage ●							
Grasso 37S	101	75	95	1125	660	660	536
Grasso 47S	134	100	127	1125	660	660	538
Grasso 57S	168	125	158	1150	770	735	675
Grasso 67S	202	150	190	1220	770	735	677
Grasso 77S	235	175	222	1240	900	702	706
Grasso 87S	269	200	254	1240	900	702	708
Grasso 8S single-stage ●●							
Grasso 58S	363	283	349	1325	1100	845	950
Grasso 68S	435	339	419	1325	1100	845	958

Liquid subcooling = 0 K Suction superheat = 5 K

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