

# Grasso Y-1

## Specifications

Marque	Grasso
Le type	Y-1
Réfrigérant	NH 3 (ammonia)
kW at 0°C/+40°C	2321
kW at -30°C/+40°C	608
m3 / h	2390
Remarques	capacity 2325 based on +35 condensing temp and 608 based on -35+35
Weight	1300
Stock	1



## Description

### Used Grasso Y-1

Used, well maintained Grasso / GEA Y-1 Ammonia Nh3 screw refrigeration Compressor. Our capacity table is based on ammonia NH3. For all the other specs, see the picture of the manufacturer model plate or the attached pdf file (if available). \*Why choose for HOSBV? Were not only the largest used refrigeration specialist in Europe, but also, we deliver all equipment including an extensive test, warranty and industrial cleaning. \*Optional we can also perform a new paint job and arrange the logistics.



Capacity					
Series	Compressor type <sup>1)</sup>	28 bar compressor <sup>2)</sup>		52 bar compressor <sup>3)</sup>	
		Cooling capacity <sup>4)</sup> NH <sub>3</sub> -35/+35 °C (kW)	Cooling capacity NH <sub>3</sub> 0/+35 °C (kW)	Cooling capacity CO <sub>2</sub> -50/+5 °C (kW)	Heating capacity NH <sub>3</sub> +35/+80 °C (kW)
GEA Grasso LT	P	201	772	851	2327
	R	260	997	1100	2972
	S	322	1236	1391	3720
	T	364	1399	1574	-
	V	443	1690	1868	5024
	W	506	1932	2135	5726
	Y	608	2321	2565	6921
	Z	700	2670	2951	7821
	XA	827	3157	3524	-
	XB	1060	4030	4454	12265
	XC	1247	4759	5313	-
	XD	1476	5634	6289	-
	XE	1788	6825	7543	-
	XF	2135	8148	-	-

<sup>1)</sup> regarding swept volume, <sup>2)</sup> at 2940 min<sup>-1</sup> with 3 K superheat and 0 K subcooling, stated temperature values: evaporation/condensation, <sup>3)</sup> with economizer

Technical data										
Series	Compressor type <sup>1)</sup>	Swept volume <sup>2)</sup> (m <sup>3</sup> /h)	Swept volume <sup>3)</sup> (cfm)	Max. design pressure <sup>4)</sup> (bar)	Dimensions (mm)			DN1 <sup>5)</sup> (mm)	DN2 <sup>6)</sup> (mm)	Weight (kg)
GEA Grasso LT	P	805	572	28 / 52	817	600	525	150	100	595
	R	1040	739	28 / 52	965	660	570	175	100	895
	S	1290	917	28 / 52	1032	660	570	175	100	960
	T	1460	1038	28 / 52	1125	660	570	175	100	1060
	V	1740	1236	28 / 52	1040	750	670	250	150	1186
	W	1990	1418	28 / 52	1145	750	670	250	150	1200
	Y	2390	1703	28 / 52	1161	750	670	250	150	1388
	Z	2748	1953	28 / 52	1315	760	700	250	150	1670
	XA	3250	2309	28 / 52	1425	760	700	250	150	1740
	XB	4150	2949	28 / 52	1410	900	850	300	200	2100
	XC	4900	3486	28 / 52	1480	900	850	300	200	2400
	XD	5800	4122	28 / 52	1560	900	850	300	200	2600
	XE	7110	5095	28	1625	980	980	400	250	3500
	XF	8560	6083	28	1725	980	980	400	250	3850

<sup>1)</sup> regarding swept volume, <sup>2)</sup> at 2940 min<sup>-1</sup>, <sup>3)</sup> at 3550 min<sup>-1</sup>, <sup>4)</sup> some types 63 bar upon request, <sup>5)</sup> suction connection, <sup>6)</sup> discharge connection