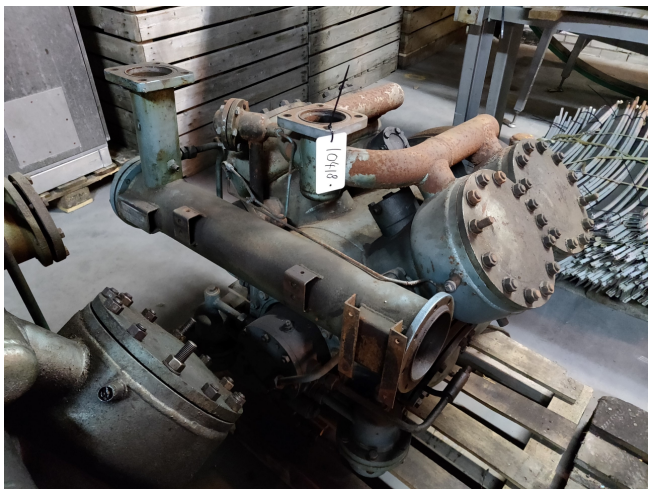
Grasso RC 3111

Specifications

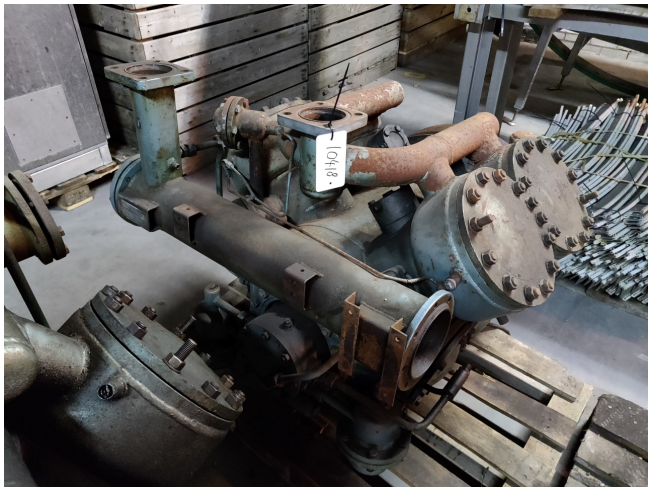
Brand	Grasso
Type	RC 3111
Refrigerant	NH 3 (ammonia)
kW at -20ºC/+40ºC	130,7
kW at -30ºC/+40ºC	103,2
kW at -40ºC/+40ºC	61,6
Remarks |	Capacity 130,7 based on -25C/+40C
Stock	1

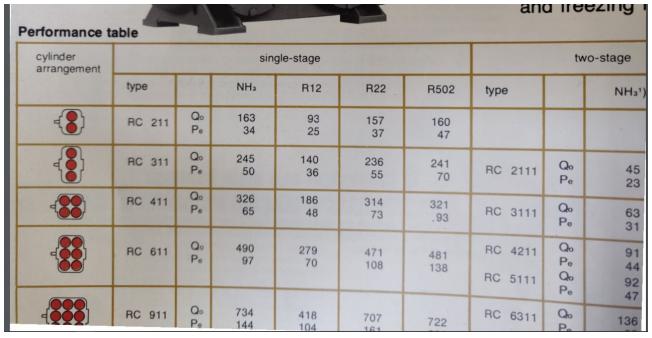


Description

Used Grasso RC 3111

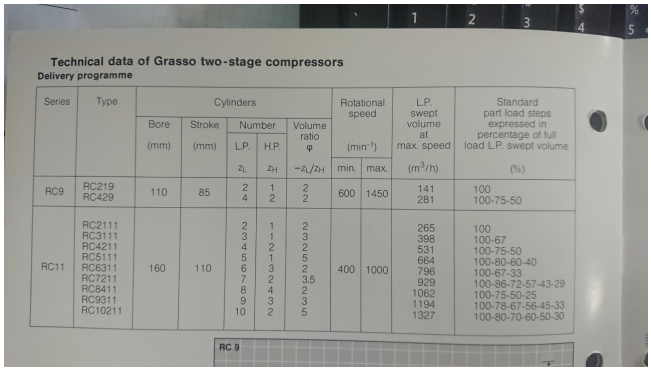
Used Gea - Grasso RC 3111 two-stage compressor. For all the other specs (if available), see the picture of the manufacturer model plate or the attached pdf file. *Why choose for HOSBV? Were not only the largest used refrigeration specialist in Europe, but also, we deliver all equipment including an extensive test, warranty and industrial cleaning. *Optional we can also perform a new paint job and arrange the logistics





Performance table

cylinder arrangement	single-stage type		NH_3	R12	R22	R502	two-stage type		NH_3 [1]
	RC 211	Q_o	163	93	157	160			
		P_e	34	25	37	47			
	RC 311	Q_o	245	140	236	241	RC 2111	Q_o	45
		P_e	50	36	55	70		P_e	23
	RC 411	Q_o	326	186	314	321	RC 3111	Q_o	63
		P_e	65	48	73	.93		P_e	31
	RC 611	Q_o	490	279	471	481	RC 4211	Q_o	91
		P_e	97	70	108	138		P_e	44
							RC 5111	Q_o	92
								P_e	47
	RC 911	Q_o	734	418	707	722	RC 6311	Q_o	136
		P_e	144	104	161			P_e	

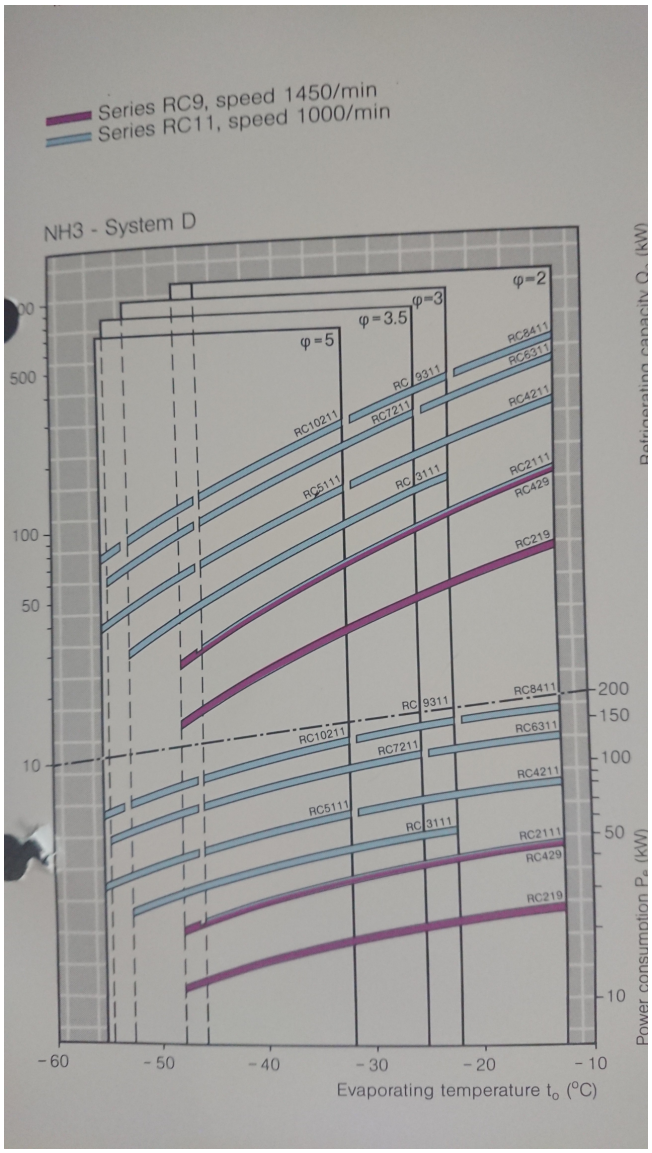


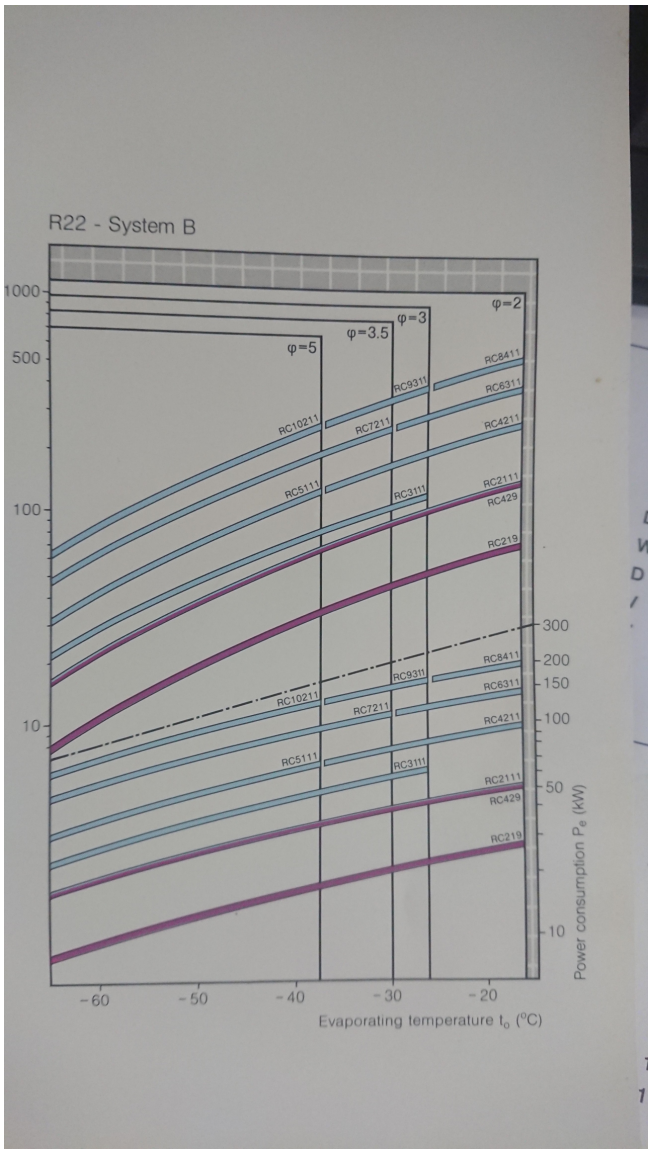
Technical data of Grasso two-stage compressors

Delivery programme

Series	Type	Cylinders Bore (mm)	Stroke (mm)	Number L.P. z_L	Number H.P. z_H	Volume ratio φ $=z_L/z_H$	Rotational speed (min⁻¹) min.	Rotational speed (min⁻¹) max.	L.P. swept volume at max. speed (m^3/h)	Standard part load steps expressed in percentage of full load L.P. swept volume (%)
RC9	RC219 RC429	110	85	2 4	1 2	2 2	600	1450	141 281	100 100-75-50
RC11	RC2111 RC3111 RC4211 RC5111 RC6311 RC7211 RC8411 RC9311 RC10211	160	110	2 3 4 5 6 7 8 9 10	1 1 2 1 3 2 4 3 2	2 3 2 5 2 3.5 2 3 5	400	1000	265 398 531 664 796 929 1062 1194 1327	100 100-67 100-75-50 100-80-60-40 100-67-33 100-86-72-57-43-29 100-75-50-25 100-78-67-56-45-33 100-80-70-60-50-30

RC 9


Series RC9, speed 1450/min
Series RC11, speed 1000/min
NH3 - System D
φ=2
φ=3
φ=3.5
φ=5
RC8411
RC6311
RC9311
RC4211
RC10211
RC7211
RC5111
RC3111
RC2111
RC429
RC219
500
100
50
10
200
150
100
50
10
-60
-50
-40
-30
-20
-10
Evaporating temperature t_o (°C)
Power consumption P_e (kW)


R22 - System B
1000
500
100
10
φ=2
φ=3
φ=3.5
φ=5
RC8411
RC6311
RC9311
RC4211
RC10211
RC7211
RC5111
RC3111
RC2111
RC429
RC219
300
200
150
100
50
10
-60
-50
-40
-30
-20
Evaporating temperature t_o (°C)
Power consumption P_e (kW)