Grasso FKS PP 450/S

Specifications

Brand	Grasso
Type	FKS PP 450/S
Product type	Water Cooled Chiller
Capacity kW	445,0*
Capacity Tons	126,5
Refrigerant	NH 3 (ammonia)
Refrigerant Type	R717
Weight in kg.	5200
Sizes	3400x1900x2400 mm (LxWxH)
Compressor(s) type & model	1 Grasso HR-H36S-28
Display	Siemens Simatic HMI
Remarks |	*Capacity based on a cold water inlet/outlet of 12°C/6°C and a cooling water temperatures of 27°C/32°C.
Remarks ||	Y.o.b. 2013
Stock	1



Description

Used Grasso FKS PP 450/S

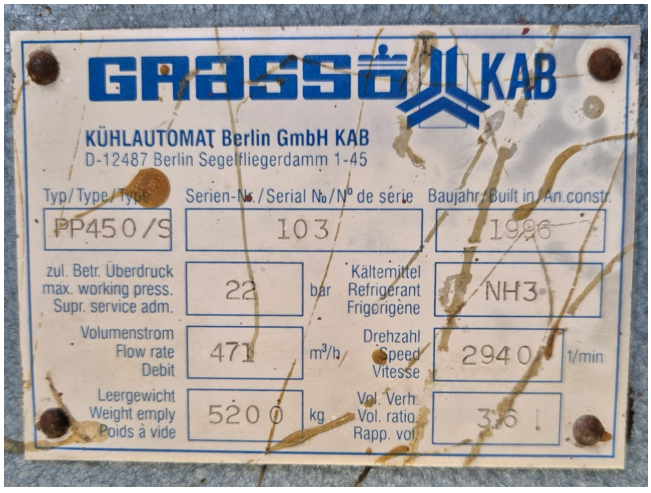
Used Grasso FKS PP 450/S water cooled chiller on Ammonia (R717). Complete with 1 Grasso HR-H36S-28 screw compressor, 2EC IE4-0DP-250M2 electric motor - 50 Hz - 110 kW - 2970 RPM, brazed heat exchanger as evaporator, brazed heat exchanger as condenser, Grasso oil separator with a volume of 275 liter, oil cooler, oil pump and a control cabinet with a Siemens Simatic HMI controller. Capacity based on a cold water inlet/outlet of 12°C/6°C and a cooling water temperatures of 27°C/32°C.
*All components of this used chiller will be tested on good working, leak free condition (condensing blocks), compressors, fans, control panel, etcetera). Choosing HOSBV means buying with warranty. We perform a

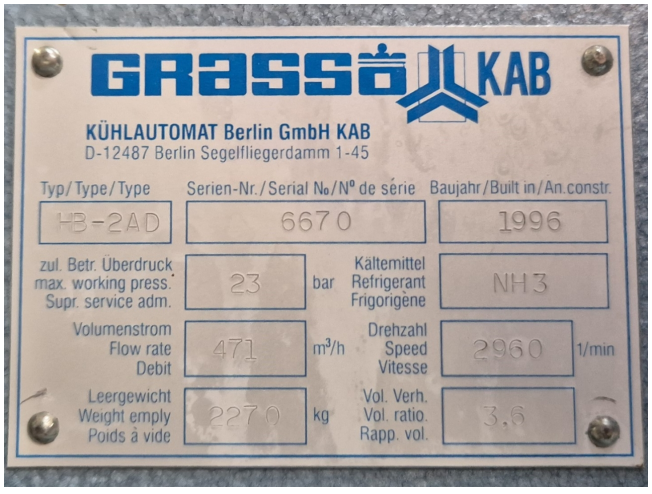
industrial cleaning and rust spots will be covered. Also, we can arrange your shipment.






GRASSÖ KAB
KÜHLAUTOMAT Berlin GmbH KAB
D-12487 Berlin Segelfliegerdamm 1-45
Typ/Serien-Nr.
Type/Serial-No.
Type/No de série
FKS PP 450/S
Herstelljahr
Built in
An.constr.
1996
Kältemittel
Refrigerant
Frigorigène
NH3
größtes Füllgewicht der Kälteanlage
max. charg.weight of refr.plant
Charge maxi du groupe frigorifique
45 kg
Druckseite
Disch. side
Côté refoulem.
22 bar
zulässiger Betriebsüberdruck
max. working pressure
Surpression service adm.
Saugseite
Suct. side
Côté aspir.
16 bar

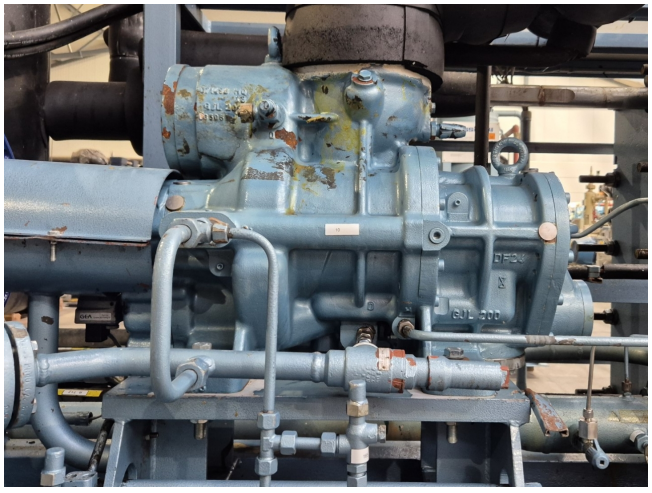

GRASSÖ KAB
KÜHLAUTOMAT Berlin GmbH KAB
D-12487 Berlin Segelfliegerdamm 1-45
Typ/Type/Type
Serien-Nr./Serial No/N° de série
Baujahr/Built in/An.constr.
PP450/S
103
1996
zul. Betr. Überdruck
max. working press.
Supr. service adm.
22 bar
Kältemittel
Refrigerant
Frigorigène
NH3
Volumenstrom
Flow rate
Debit
471 m³/h
Drehzahl
Speed
Vitesse
2940 1/min
Leergewicht
Weight emply
Poids à vide
520 kg
Vol. Verh.
Vol. ratio
Rapp. vol.


GRASSÖ KAB
KÜHLAUTOMAT Berlin GmbH KAB
D-12487 Berlin Segelfliegerdamm 1-45
Typ/Type/Type
Serien-Nr./Serial No/N° de série
Baujahr/Built in/An.constr.
HB-2AD
6670
1996
zul. Betr. Überdruck
max. working press.
Supr. service adm.
23 bar
Kältemittel
Refrigerant
Frigorigène
NH3
Volumenstrom
Flow rate
Debit
471 m³/h
Drehzahl
Speed
Vitesse
2960 1/min
Leergewicht
Weight emply
Poids à vide
2270 kg
Vol. Verh.
Vol. ratio.
Rapp. vol.
3,6



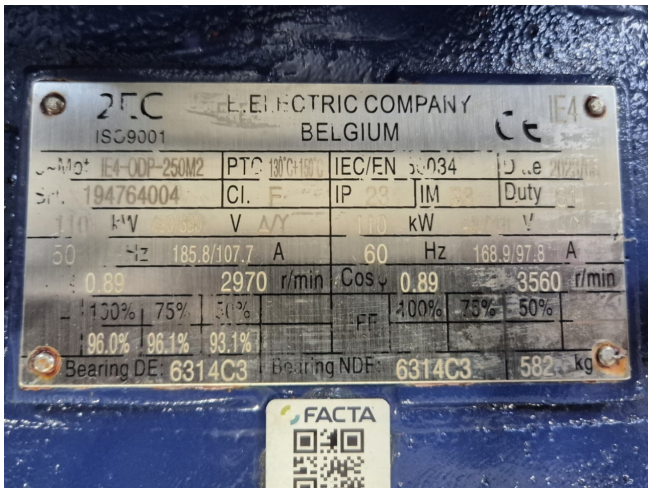






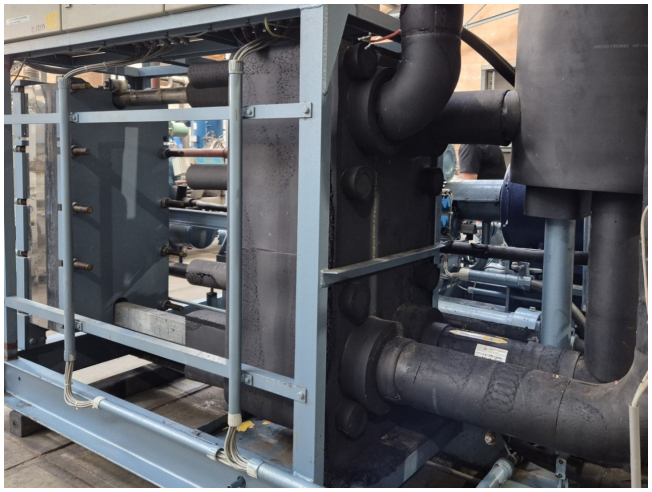

GEA Refrigeration Germany GmbH
Holzhauser Str. 165 13509 Berlin
GEA
Type
Grasso HR-H36S-28
Serien-Nr. / Serial No.
H1333
zulässiger Druck
allowable pressure
28
bar
Baujahr
built in
2013
geom. Volumen
geometric volume
2670
cm³/U
cm³/rot
max. Drehz.
max. speed
4500
1/min
rpm
Leergewicht
weight empty
366
kg
Arbeitsmedium
working fluid
Kältemittel
Refrigerant
P + I Diagramm
P & I diagram
MM12
Made in Germany



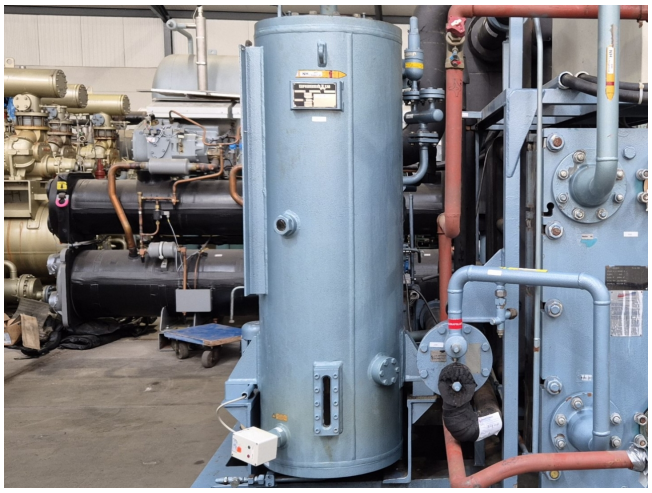

ISO9001
BELGIUM
IEC/EN
IP
IM
Duty
kW
Hz
185.8/107.7 A
168.9/97.8 A
2970 r/min
0.89
3560 r/min
100%
75%
50%
96.0%
96.1%
93.1%
Bearing DE: 6314C3
Bearing NDE: 6314C3
582 kg
FACTA



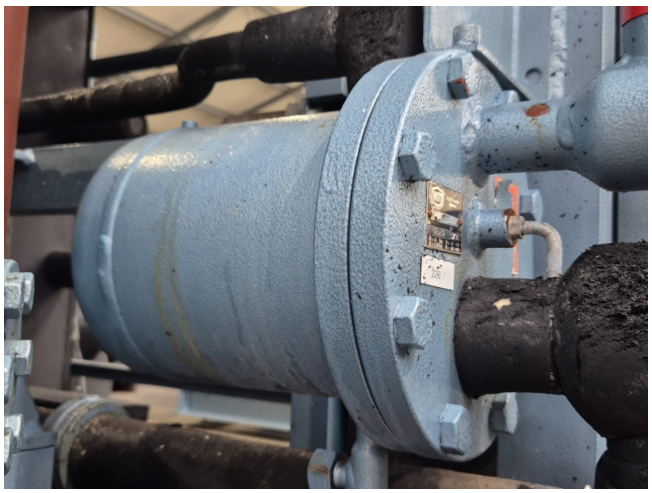

Tel. +31 (0)183 - 678664
www.abalco.nl
SPACE A
SPACE B
GLYCOL
thermowave
Gesellschaft für Wärmetechnik mbH
Eichenweg 4, D-06536 Berga

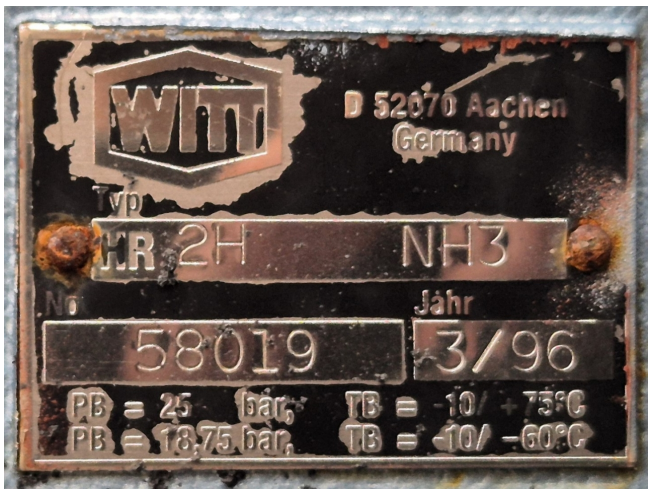


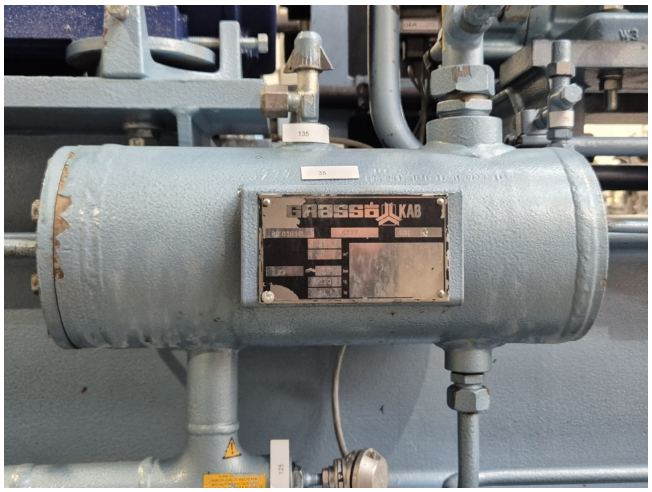


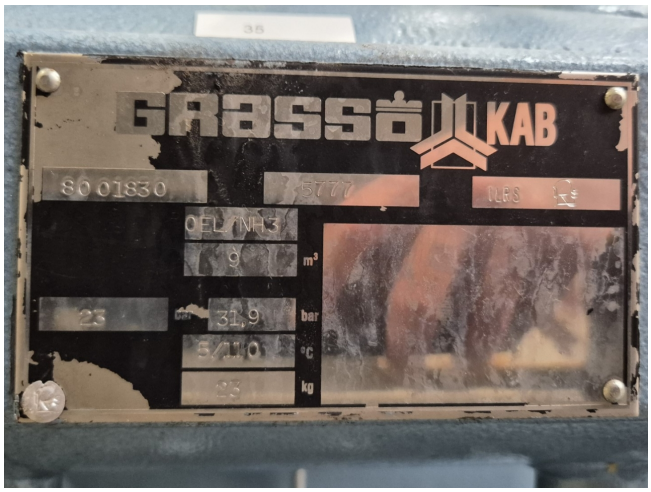


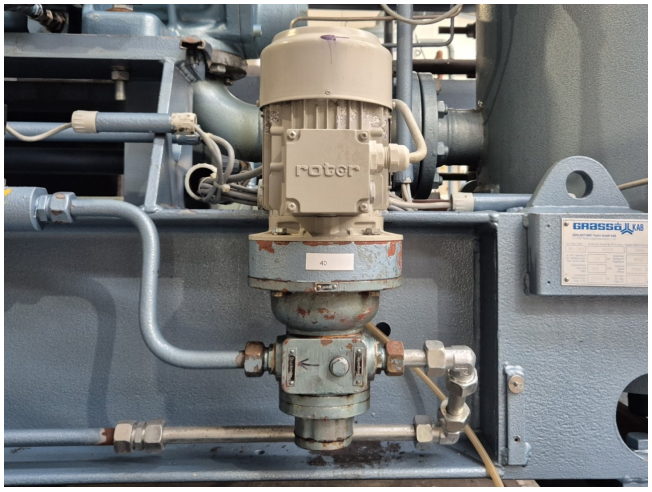

GRASSO
KAB
8001545
5340
275
23
bar
3L9
bar
°C
325
kg



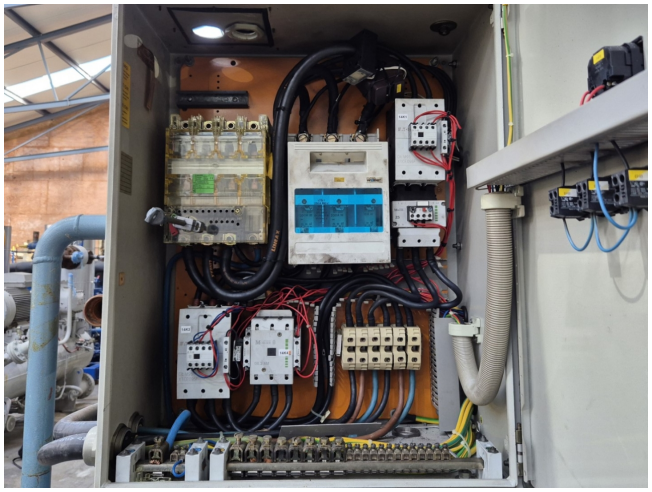

Wm
D 52070 Aachen
Germany
Typ
HR 2H
NH3
No
Jahr
58019
3/96
PB = 25 bar
TB = 10/ +75°C
PB = 18,75 bar
TB = -10/ -60°C



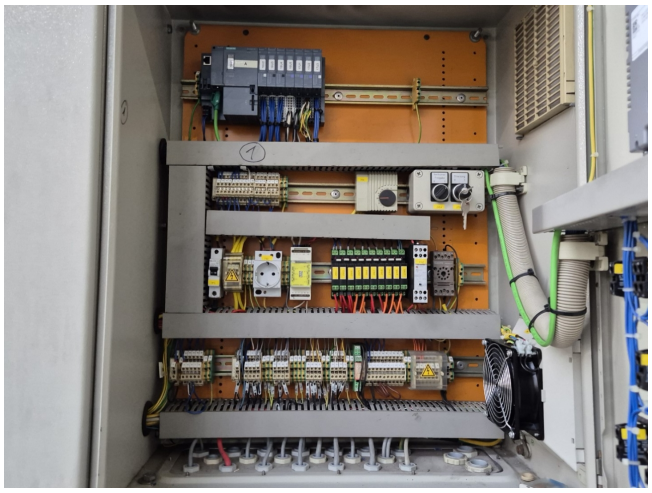

GRASSO KAB
NH3
bar
°C
kg


rotor
GRASSO KAB


GEA








SIEMENS
SIMATIC HMI
TOUCH
WACHTWOORD: 1234