

Copeland Selection Software

REFRIGERANT

R134a

Operating Conditions:

Evaporating Temperature:	-10,0 °C
Condensing Temperature:	35,0 °C
Liquid subcooling:	0,0K
Suction Return Temperature:	20,0 °C

Required Capacity:

15,0 kW

Compressor Selected:

D3DA-75X

PERFORMANCE AT SPECIFIED OPERATING POINT **D3DA-75X Data at 50 Hz**

Operating conditions outside Compressor limits

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders 3	Bore/Stroke, mm 55.6/50.8
Length/Width, mm 680/370	Height, mm 480
Net Weight, kg 152	Gross Weight, kg 163
Suction, inch 1 3/8	Oil Quantity, l 3.7
Sound Power, dBA 81	High Side PS, bar(g) 32.5
Low Side PS, bar(g) 22.5	
Displacement @ 50 Hz, cu.m/h 32.2	
Rotalock Discharge, inch 1 1/8	
Frequency Range, Hz 25 - 60	
Base mounting (hole dia), mm 381 x 305 (18.0)	
Sound Pressure @ 1m, dBA 70	

COMPRESSOR ELECTRICAL DATA (380/420V - 3~ - 50Hz)

Locked Rotor Current, A 106
 Maximum Operating Current, A 17.5
 Default Enclosure Class IP 54 (IEC 34)

ACCESSORIES INCLUDED

Oil Pressure Switch	OPS2 Sensor
Mounting Springs	4

ACCESSORIES OPTIONAL

Additional Cooling
Capacity Control
Crankcase Heater
Enclosure Class
Oil Pressure Switch
Unloaded start
Deep Oil Sump
Adapter Kit
Check Valve (NRV)
Oil Control System
Inverter

70 W Vertical Air Flow Fan
Moduload
70 W Internal
IP 56

OPS2 Electronic Switch
Available

Mounted

For Parallel Operation

For unloaded start operation

ALCO Trax-Oil OM3

Emerson Industrial Automation, Unidrive M200 05 400