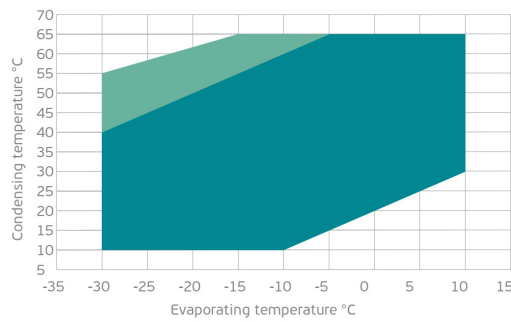


### GENERAL DATA

<b>Type:</b>	Hermetic Scroll Compressor
<b>Refrigerant:</b>	R404A
<b>Application:</b>	MBP
<b>Evaporating Temperature Range:</b>	-30°C to 10°C
<b>Voltage/Frequency:</b>	380-420 V 50 ~3 460 V 60 ~3
<b>Compressor Cooling:</b>	Static
<b>Tube connections:</b>	Brazing
<b>Packing Quantity:</b>	9
<b>Horse Power:</b>	8
<b>Oil Type:</b>	
<b>Oil Initial Charge volume:</b>	l
<b>Oil Recharge volume:</b>	l
<b>Free Internal Volume:</b>	l - l
<b>Refrigerant Charge:</b>	g
<b>Institute Approvals:</b>	CE

### OPERATING ENVELOPE



**MECHANICAL DATA**

At maximum evaporating temperature and maximum ambient temperature.

**ELECTRICAL DATA**

At maximum evaporating temperature and maximum ambient temperature.

**ELECTRICAL COMPONENTS**

	Component type	Description	Code
Run Capacitor:	-	-	-
Starting Device:	-	-	-
Start Capacitor:	-	-	-
Motor Protection:	Internal Protector	-	-
CSR Box:	-	-	-

**EXTERNAL CHARACTERISTICS**

Base Plate Max Dimensions:	-
Base Plate Holes Interaxis:	-
Height:	-
Compressor Shell Diameter:	-
Hanger Tab:	no
Oil Side Glass:	no

	Shape	Material	Internal Diameter (mm)
Suction Connector			
Discharge Connector			



**RATED POINTS**

	460V 60Hz	380V 50Hz
Conditions	EN12900: Te -10°C; Tc 45°C; Rg 20°C; No subcooling; Ta 35°C	
Capacity (W)	15503	13362
Power Input (W)	7039	5908
COP (W/W)	2.2	2.26
Rated Load Amps RLA (A)	11.6	11.6
Locked Rotor Amps LRA (A)	117	117
Maximum Operating Current MOC (A)	18.4	18.4
Sound Power Level (dBA)	77	75



**PERFORMANCE CURVE DATA**

Standard: en-12900 / W

50 Hz

**35°C**  
Condensing  
Temperature

Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Efficiency (W/W)
10°C	30 932	5 816	5.32
5°C	26 181	5 617	4.66
0°C	22 043	5 407	4.08
-5°C	18 461	5 190	3.56
-10°C	15 379	4 968	3.10
-15°C	12 738	4 743	2.69
-20°C	10 480	4 518	2.32
-25°C	8 549	4 295	1.99
-30°C	6 886	4 077	1.69

**45°C**  
Condensing  
Temperature

10°C	26 537	6 815	3.89
5°C	22 502	6 612	3.40
0°C	18 999	6 392	2.97
-5°C	15 971	6 156	2.59
-10°C	13 362	5 908	2.26
-15°C	11 112	5 650	1.97
-20°C	9 166	5 384	1.70
-25°C	7 465	5 112	1.46
-30°C	5 951	4 837	1.23



	Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Efficiency (W/W)
55°C Condensing Temperature	10°C	21 885	8 051	2.72
	5°C	18 565	7 835	2.37
	0°C	15 698	7 594	2.07
	-5°C	13 225	7 330	1.80
	-10°C	11 088	7 046	1.57
	-15°C	9 231	6 744	1.37
	-20°C	7 596	6 426	1.18
	-25°C	6 125	6 096	1.00
	-30°C	4 761	5 755	0.83