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**GACO SARL**

28, Rue Bencharif Madani

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## Product details

<b>Gross weight</b>	168.25 Kg
<b>Net weight</b>	162 Kg
<b>Approval standard</b>	CE UL
<b>Brand technique</b>	Scroll compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Brazed
<b>Description</b>	SY380-4
<b>Diameter [mm]</b>	344 mm
<b>Discharge connection height [mm]</b>	654 mm
<b>Discharge connection pipe size [in]</b>	1.375 in
<b>Discharge connection size [in]</b>	1.375 in
<b>Drawing number</b>	8556093b
<b>Economizer</b>	No

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<b>Factory HP [bar]</b>	33 bar
<b>Factory LP [bar]</b>	25 bar
<b>Fitting standard</b>	ODF
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	A
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 N-m
<b>GP LP torque [Nm]</b>	15 N-m
<b>High side max pressure</b>	29.6 bar
<b>High value of nominal voltage at 50Hz [V]</b>	415 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	457 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP54 (with cable gland)
<b>Low side max pressure</b>	20 bar
<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V

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<b>Low value of voltage range at 50Hz [V]</b>	340 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	300 A
<b>MCC</b>	79 A
<b>Model number</b>	SY380A4CAE
<b>Motor protection</b>	Electronic protection module, 24 V ac
<b>Mounting torque [Nm]</b>	40 N-m
<b>Nominal cooling capacity at 50Hz</b>	85.4 kW
<b>Number of starts per hour [Max]</b>	12
<b>Oil charge [L]</b>	8.4 L
<b>Oil drain</b>	1/4" flare
<b>Oil drain torque [Nm]</b>	35 N-m
<b>Oil equalization</b>	1/2" flare
<b>Oil equalization torque [Nm]</b>	66 N-m
<b>Oil reference</b>	FVC68D
<b>Packaging height [mm]</b>	939 mm
<b>Packaging length [mm]</b>	1140 mm

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<b>Packaging weight [Kg]</b>	647 kg
<b>Packaging width [mm]</b>	950 mm
<b>Packing format</b>	Industrial pack
<b>Packing quantity</b>	4
<b>Phase</b>	3
<b>Power connections</b>	Screw 4.8 mm
<b>Product type</b>	SY
<b>Refrigerant</b>	R134a R22 R407C
<b>Refrigerant charge [kg] [Max]</b>	20 kg
<b>Relief valve</b>	Yes
<b>Reverse rotation protection</b>	Electronic module
<b>RLA</b>	56.4 A
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning
<b>Shipped instructions</b>	Installation instructions
<b>Shipped module</b>	Electronic protection module mounted in terminal box
<b>Shipped mounting</b>	Mounting kit with grommets and sleeves
<b>Shipped oil</b>	Initial oil charge

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<b>Suction connection height [mm]</b>	196 mm
<b>Suction connection pipe size [in]</b>	2.125 in
<b>Suction connection size [in]</b>	2.125 in
<b>Swept volume [cm<sup>3</sup>]</b>	531.2 cm <sup>3</sup>
<b>Technology</b>	Scroll
<b>Test dif [bar] [Max]</b>	24 bar
<b>Test HP [bar] [Max]</b>	27.9 bar
<b>Test LP [bar] [Max]</b>	20 bar
<b>Torque earth [Nm]</b>	2 N-m
<b>Torque power [Nm]</b>	3 N-m
<b>Total height [mm]</b>	727 mm
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	68 cP
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	0.41 Ohm