

## HGZX7/1620-4 R404A/R507



Similar to picture.



Technical data	Performance data and operating limits	Scope of supply and accessories	Drawings and Parts List	Product photo	Documentations
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<b>Number of cylinders / Bore / Stroke</b>	6 / 70 mm / 70 mm				
<b>Displacement LP/HP 50 Hz (1450 1/min) <sup>1)</sup></b>	93,70 / 46,90 m <sup>3</sup> /h				
<b>Displacement LP/HP 60 Hz (1740 1/min) <sup>1)</sup></b>	112,50 / 56,20 m <sup>3</sup> /h				
<b>Voltage <sup>2)</sup></b>	380-420 V Δ/YYY - 3 - 50 Hz PW 440-480 V Δ/YYY - 3 - 60 Hz PW				
<b>Winding divided into</b>	60% / 40%				
<b>Max. working current <sup>3)</sup></b>	50,0 A				
<b>Max. power consumption <sup>3)</sup></b>	27,0 kW				
<b>Starting current (rotor blocked) <sup>3)</sup></b>	185,0 / 278,0 A				
<b>Motor protection</b>	MP10				
<b>Protection terminal box</b>	IP 65				
<b>Weight</b>	294 kg				
<b>Max. permissible pressure (LP/MP/HP) <sup>1)</sup></b>	19 / 19 / 28 bar				
<b>Connection <u>suction line</u> SV</b>	54 mm - 2 1/8 "				
<b>Connection discharge line DV</b>	35 mm - 1 3/8 "				
<b>Connection intercooler ON / OFF</b>	16 mm - 5/8 "				
<b>Lubrication</b>	<a href="#">Oil pump</a>				
<b>Oil type R404A, R410A</b>	FUCHS Reniso Triton SE 55				
<b>Oil type R22</b>	FUCHS Reniso SP 46				
<b>Oil charge</b>	4,5 Ltr.				
<b>Oil <u>sump heater</u></b>	230 V - 1 - 50/60 Hz, 140 W				
<b>Dimensions</b>	825 / 630 / 635 mm				
<b>Length / Width / Height</b>					

1) LP = Low pressure  
MP = Middle pressure

HP = High pressure

- 2) Tolerance ( $\pm 10\%$ ) relates to the mean value of the voltage range. Other voltages and current types on request

All data are based on voltage rms values

PW = part winding, motors for part winding starting

(no start unloaders required)

Designs for Y/ $\Delta$  on request

- 3) - The specifications for max. power consumption apply for 50Hz operation. For 60Hz operation, the specifications have to be multiplied by the factor 1.2. The max. working current remains unchanged.  
- Take account of the max. operating current / max. power consumption for designing fuses, supply lines and safety devices. Fuse: Consumption category AC3.

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