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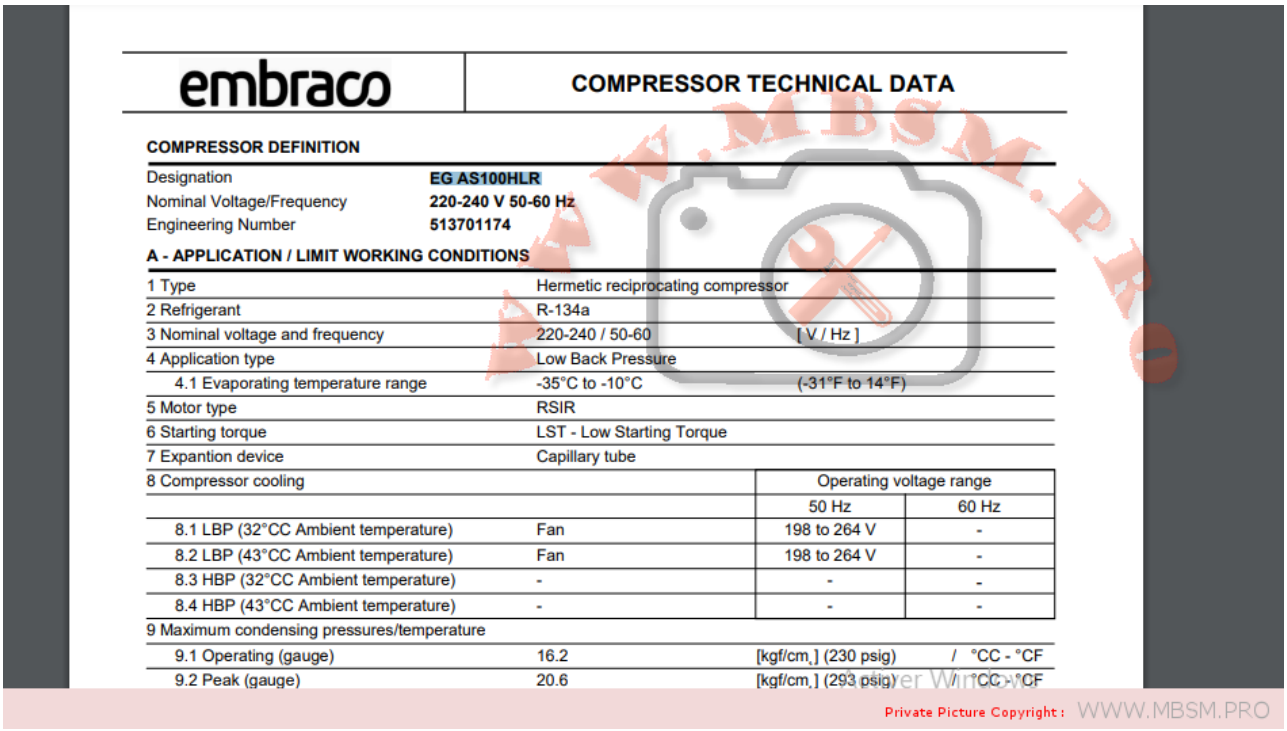
written by Lilianne | 13 February 2022



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COMPRESSOR TECHNICAL DATA

COMPRESSOR DEFINITION

Designation	**EG AS100HLR**
Nominal Voltage/Frequency	**220-240 V 50-60 Hz**
Engineering Number	**513701174**

A - APPLICATION / LIMIT WORKING CONDITIONS

1 Type	Hermetic reciprocating compressor		
2 Refrigerant	R-134a		
3 Nominal voltage and frequency	220-240 / 50-60	[V / Hz]	
4 Application type	Low Back Pressure		
4.1 Evaporating temperature range	-35°C to -10°C	(-31°F to 14°F)	
5 Motor type	RSIR		
6 Starting torque	LST - Low Starting Torque		
7 Expantion device	Capillary tube		
8 Compressor cooling		Operating voltage range	
		50 Hz	60 Hz
8.1 LBP (32°CC Ambient temperature)	Fan	198 to 264 V	-
8.2 LBP (43°CC Ambient temperature)	Fan	198 to 264 V	-
8.3 HBP (32°CC Ambient temperature)	-	-	-
8.4 HBP (43°CC Ambient temperature)	-	-	-
9 Maximum condensing pressures/temperature			
9.1 Operating (gauge)	16.2	[kgf/cm,] (230 psig)	/ °CC - °CF
9.2 Peak (gauge)	20.6	[kgf/cm,] (293 psig)	/ °CC - °CF

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