

# Mbsm.pro, PDF, Files, EG AS100HLR, Compressor, Lbp, 1/3 Hp, EMBARACO

written by Lilianne | 13 February 2022

embraco		COMPRESSOR TECHNICAL DATA	
<b>COMPRESSOR DEFINITION</b>			
Designation	<b>EG AS100HLR</b>		
Nominal Voltage/Frequency	220-240 V 50-60 Hz		
Engineering Number	513701174		
<b>A - APPLICATION / LIMIT WORKING CONDITIONS</b>			
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 Expansion device	Capillary tube		
8 Compressor cooling		Operating voltage range	
		50 Hz	60 Hz
8.1 LBP (32°C Ambient temperature)	Fan	198 to 264 V	-
8.2 LBP (43°C Ambient temperature)	Fan	198 to 264 V	-
8.3 HBP (32°C Ambient temperature)	-	-	-
8.4 HBP (43°C 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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