

R134a Inverter compressors

Application : L.B.P. (Low Back Pressure)

Category	Series	Model	Speed range	Performance with inverter board "WBAE1WN"						Displacement	Motor type	Accessories	Dimension	Compressor cooling / Oil cm3		Net weight	
				Incl. Inverter board circuit loss													
				H/L=40/-30 deg C		ASHRAE			CECOMAF								
				Speed	rpm	1,500	2,520	3,120	4,320				3,360	cm3			
			rps	25	42	52	72	52			OLP 3/4 disc	Height mm	ST	F	kg		
	ENI	ENI68C13DCH*	25 to 72rps	Capacity	W					6.80	DC motor	MM3-71CC	153.8	215	215	7.0	
				Input power	W				-								-
				C.O.P.				-	-								
	ETI	ETI57C13DCH	25 to 72rps	Capacity	W	63	137	172	240	-	5.65	DC motor	MM3-71CC	153.8	215	215	7.0
				Input power	W	39.1	79.7	103	-	-							
				C.O.P.		1.61	1.72	1.67	-	-							

<Test conditions>

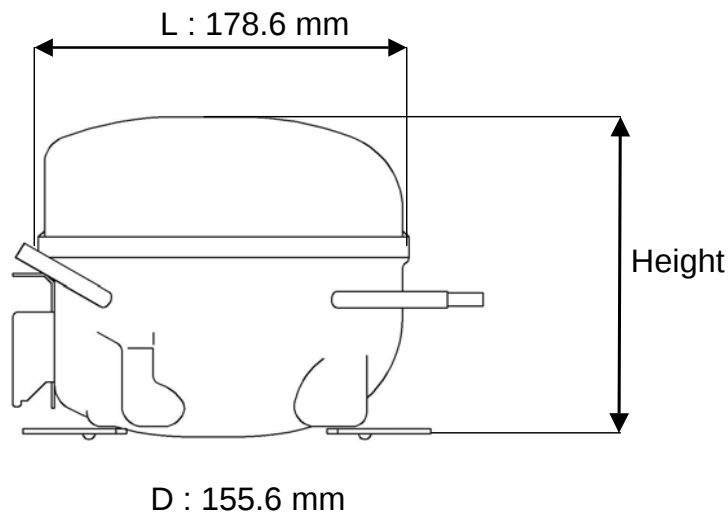
R134a	H/L=40/-30 deg C	ASHRAE	CECOMAF
Evaporating temperature	-30 deg C	-23.3 deg C	-25 deg C
Condensing temperature	40 deg C	54.4 deg C	55 deg C
Gas superheated to	32 deg C	32 deg C	32 deg C
Liquid sub cooled to	32 deg C	32 deg C	55 deg C
Ambient temperature	32 deg C	32 deg C	32 deg C
Compressor shell temp.	50 deg C	65 deg C	65 deg C

<Compressor cooling>

ST; Static cooling
F; Fan cooling

<Status>

* : Under development / Preliminary data



NOTES:

All data covered by this catalogue are given as general information only.
Since we are constantly improving our products, the specifications and availability are subject to change without notice.