

HITACHI REFRIGERATING SCROLL COMPRESSOR GENERAL SPECIFICATIONS (50Hz)

Model		FL200DL -40D3C	FL300DL -56D3C	FL400DL -72D3C	FL500DL -90D3C	
Nominal Horse Power	HP	2	3	4	5	
Frequency	Hz	50				
Performance *	Cooling Capacity	kW	3.51	4.91	6.35	7.97
	Motor Input	kW	2.12	2.91	3.63	4.56
Displacement	cm ³ /rev	40.1	56.0	71.7	90.0	
Displacement	m ³ /h	6.92	9.68	12.39	15.55	
Rated Revolution	rpm	2,880				
Refrigerant	-	R404A				
Oil	-	IDEMITSU Daphne Hermetic Oil FVC32D				
	Charge	liter	1.2	1.7		
Piping	Suction	mm	Flange ϕ 19.05 O.D.			
Connection	Discharge	mm	Flare Nut ϕ 12.7 O.D.	Flange ϕ 15.88 O.D.		
Net Weight (Include Oil)	kg	36	37	50	51	

Notes

(1) *Rating Conditions

Evaporating Temperature: -15°C

Condensing Temperature: 45°C

Return Gas Temperature: 18°C

Liquid Temperature : 40°C

Ambient Temperature : 32°C

(2) Applicable Power Supply

3 Phase, 380-415V, 50Hz

(3) Scope of Supply

1) Compressor Assembly Charged with Refrigerant Oil and Nitrogen Gas

2) The companion flare nut and flange shall be provided by others.

(4) Optional Accessories

Mounting Rubber Set

Injection Thermostat Set

Discharge Gas Thermostat Set

Suction Mating Flange

Discharge Mating Flange

(5) The above specifications are subject to change before the final contract conditions are confirmed.