Cold room, Copeland, ZR scroll, compressor, ZR144KCE-TFD-550, 12HP Copeland Scroll Compressor, Hermetic Compressor Specifications

written by Lilianne | 13 December 2021

Type: Hermetic scroll compressorsProducer: CopelandSeries: ZR Model: ZR144KCE-TFD

Technical data

Displacement [m³/h]:	33,2	
Sound power [dBA]:	75	
Sound pressure level [dB]:	64	
Net Weight [kg]:	61,2	
Gross Weight [kg]:	72	
Oil charge [dm³]:	3,3	
Maximum high pressure [bar]:	32	
Maximum standstill pressure [bar]:	20	
Minimal lowside temperature [°C]:	-35	
Maximum lowside temperature [°C]:	52	
PED category:	2	

Electrical data

Power supply [V/~/Hz]:	380-420/3/50Hz	
Locked rotor current [A]:	118	
Max. operating current [A]:	22,3	
Winding resistance [Ω]:	1,2	

Connections

		inches		
Suction connection with supplied sleeve:		1 3/8″		
Discharge connection with supplied sleeve:		7/8″		

Compressor Copeland Scroll ZR144KCE-TFD-425, R407C, 380-420V
Type of engine: TFD
Displacement: 33.2 m3 / h (191,23 cm3)
Cooling capacity (0 ° C): 20.00 kW.
Oil quantity: 3.38 L.
Noise level: 61 dBA – 1 m.
Max. Noise level: 75 dBA.
Max. Operating current (FLA): 22.3 A.
LRA: 118.0 A.
Connectors: 1.3 / 8 “x 7/8”.
Dimensions (LxWxH): 264x285x533 mm
Net Weight: 61.2 kg

Shipping Class	Standard
Scope Of Application	HBP
Lieferzeit	Ca. 10-14 Tage
Type Of Construction	Scroll
Maker	Copeland
Manufacturer No.	ZR144KCE-TFD-425
Style	1
Refrigerants	R407C
Series	ZR
Condensing Units Compressors	Compressors
Suspense	380-420V
Weight In Kg	61

Model	Horse Power (HP)	Cooling capacity(w)	InputPower(kw)	Current (A)	Bottom corner size(mm)	Weight(KG)
ZR144KC-TFD-550	12	34730	10.87	19.6	190	63

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