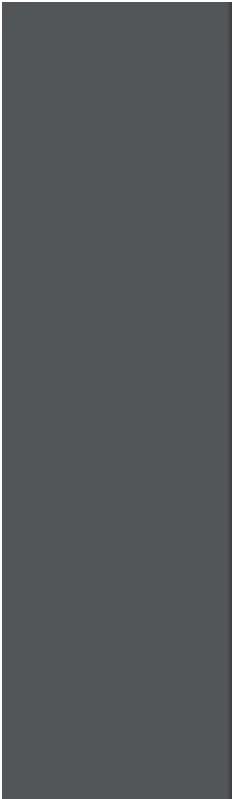


# NT6222GK

تقنية: Category

2024، نوفمبر، written by Mahdi MILED | 18



A - APPLICATION / LIMIT WORKING CONDITIONS			
1 Type	Hermetic reciprocating compressor		
2 Refrigerant	R-404A		
3 Nominal voltage and frequency	200-240 V 50 Hz / 230 V 60 Hz		
4 Application type	Medium Back Pressure Commercial Compressors		
4.1 Evaporating temperature range	-20 to 10 °C (-4°F to 50°F)		
5 Motor type	CSIR		
6 Starting torque	HST - High Starting torque		
7 Expansion device	Capillary tube expansion valve		
8 Compressor cooling	Operating voltage		
8.1 LBP (32°C Ambient temperature)	-	-	Hz
8.2 LBP (43°C Ambient temperature)	-	-	Hz
8.3 HBP (32°C Ambient temperature)	-	-	Hz
8.4 HBP (43°C Ambient temperature)	-	-	Hz
9 Maximum condensing pressures/temperature			
9.1 Operating (gauge)	25.7	[kgf/cm <sup>2</sup> ] (365 psig)	/ °C - °F
9.2 Peak (gauge)	28.7	[kgf/cm <sup>2</sup> ] (408 psig)	/ °C - °F
10 Maximum winding temperature	130	[°C]	
B - MECHANICAL DATA			
1 Commercial designation	1 ●	[hp]	
2 Displacement	17.39	[cm <sup>3</sup> ] (1.061 cu.in)	
2.1 Bore [mm]	34.120		
2.2 Stroke [mm]	19.030		
3 Lubricant charge	450	[ml] (15.22 fl.oz.)	
3.1 Lubricants approved			
3.2 Lubricants type/viscosity	ESTER / ISO22		
4 Weight (with oil charge)	17	[kg] (37.48 lb.)	
5 Nitrogen charge	0.2 to 0.3	[kgf/cm <sup>2</sup> ] (2.84 to 4.27 psig)	
C - ELECTRICAL DATA			
1 Nominal Voltage/Frequency/Number of Phases	200-240 V 50 Hz / 230 V 60 Hz 1 ~ (Single phase)		
2 Starting device type	Current Relay		
2.1 Starting device	MTRPH-60-59		
3 Start capacitor	130-156(330)	[µF(VAC minimum)]	
4 Run capacitor	-	[µF(VAC minimum)]	
5 Motor protection	T0750/G6		
6 Start winding resistance	10.10	[Ω at 25°C (77°F)] +/- 8%	
7 Run winding resistance	1.75	[Ω at 25°C (77°F)] +/- 8%	
8 LRA - Locked rotor amperage (50 Hz)	37.00	[A] - Measured according to UL 984	



Aspera, Embraco, NT6222GK, R404A, R449A, R407A, R452A, MHbp, 1 Hp, Dis 17.39 cm<sup>3</sup>