



TYA2438ZKS

Product Family :
TY

Application :
LBP

Voltage :
220-240V 1PH 50Hz

Refrigerant :
R-404A

Product Technology :
Reciprocating

TY Series Reciprocating Compressor



Project Name:	
Customer Name:	
Item Number:	
Refrigerant:	
Job Location:	
Date:	

PRODUCT SPECIFICATION

General

Horse Power: 1 1/4 HP
Motor Torque: High Start Torque (HST)
Evaporating Range: -40°C to -10°C (-40°F to 14°F)

Mechanical

Displacement (CC): 22.33
Compressor Cooling: Fan
Oil Charge: 525.3 cc
Oil Type: Polyolester
Viscosity: 32

Agency Approval

Agency: CCC, CE, GOST, IRAM

Electrical

LRA: 24.1
Motor Type: CSR
Motor Resistance - Main: 2.7
Motor Resistance Start: 16.77
RLA 50HZ: 4
Voltage Frequency: 50Hz
Voltage Range 50Hz: 198to264



PERFORMANCE

If you do not see performance data here, please contact Customer Service for assistance.



ITEMS SPECIFICATIONS

	TY412KS111A305IH (TY412KS111)	TY412KS111A306IH (TY412KS111)	TY412KS116A045IJ	TY412KS111F305IH (TY412KS111)	TY412KS111F306IH (TY412KS111)
Documentation					
Replacement Parts					
Drawing_PT					
Drawing_EN					
Specification					
Status	Active	Active	Active	Active	Active
Global Model	TYA2438ZKS	TYA2438ZKS	TYA2438ZKS	TYA2438ZKS	TYA2438ZKS
Overload Type	Internal	Internal	Internal	Internal	Internal
Packaging	MULTI	MULTI	SINGLE	MULTI	MULTI
Length	236 MM(9IN)	236 MM(9IN)	236 MM(9IN)	273 MM(11IN)	273 MM(11IN)
Height	234.5 MM(9IN)	234.5 MM(9IN)	234.5 MM(9IN)	276 MM(11IN)	276 MM(11IN)
Width	164 MM(6IN)	164 MM(6IN)	164 MM(6IN)	157 MM(6IN)	157 MM(6IN)
Weight	17KG(37LB)	17KG(37LB)	19KG(42LB)	17KG(37LB)	18KG(40LB)
Discharge Line Size	1/4 in (6.35mm)	1/4 in (6.35mm)	1/4 in (6.35mm)	5/16 in (7.93mm)	5/16 in (7.93mm)
Suction Line Size	3/8 in (9.52mm)	3/8 in (9.52mm)	3/8 in (9.52mm)	1/2_IN	1/2_IN
Grommet	Y		Y	Y	Y
Overload	Y	Y	Y	Y	Y
Relay Type			Potential Relay		Potential Relay
Run Capacitor			Y	Y	Y
Start Capacitor			Y	Y	Y



	TY412KS116F045IJ	TY412KS111A080IJ (TY412KS111)	TY412KS111F080IJ (TY412KS111)
Documentation			
Replacement Parts			
Drawing_PT			
Drawing_EN			
Specification			
Status	Active	Active	Active
Global Model	TYA2438ZKS	TYA2438ZKS	TYA2438ZKS
Overload Type	Internal	Internal	Internal
Packaging	SINGLE	SINGLE	SINGLE
Length	273 MM(11IN)	236 MM(9IN)	273 MM(11IN)
Height	276 MM(11IN)	234.5 MM(9IN)	276 MM(11IN)
Width	157 MM(6IN)	164 MM(6IN)	157 MM(6IN)
Weight	19KG(42LB)	18KG(40LB)	18KG(40LB)
Discharge Line Size	5/16 in (7.93mm)	1/4 in (6.35mm)	5/16 in (7.93mm)
Suction Line Size	1/2_IN	3/8 in (9.52mm)	1/2_IN
Grommet	Y	Y	Y
Overload	Y	Y	Y
Relay Type	Potential Relay	Potential Relay	Potential Relay
Run Capacitor	Y	Y	Y
Start Capacitor	Y	Y	Y

