TECHNICAL SHEET

Q9-36.1Y

Standard Reciprocating SERIES

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While Frascold has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications and performances could be subject to change without notice. You can find the most updated information in our Product Selection Software FSS3 at the link: https://www.frascold.it/en/download/ software/fss_3_frascold_selection_software.

Technical data - Q9-36.1Y

Number of pistons		**4**
Nominal motor power	**HP**	**9**
Nominal motor power	**kW**	**6,7**
Displacement @ (1450 rpm - 50 Hz)	**m³/h**	**35,9**
Displacement @ (1740 rpm - 60 Hz)	**m³/h**	**43**
Power supply	**V/ph/Hz/Connection**	**400/3/50/DOL-STAR**
MRA	**A**	**22,2**
LRA	**A**	**96,8**
LRA DOL	**A**	**null**
Power supply	**V/ph/Hz/Connection**	**230/3/50/DOL-DELTA**
MRA	**A**	**38,6**
LRA	**A**	**168**
LRA DOL	**A**	**null**
Maximum frequency	**Hz**	**87**
Minimum frequency	**Hz**	**25**
Net weight	**kg**	**83**
Lubricant		**FRASCOLD POE32**
Oil charge	**l**	**1,6**
Maximum operating pressure HP	**bar**	**30**
Maximum static pressure LP	**bar**	**20,5**
Capacity step	**%**	**100-75-50**

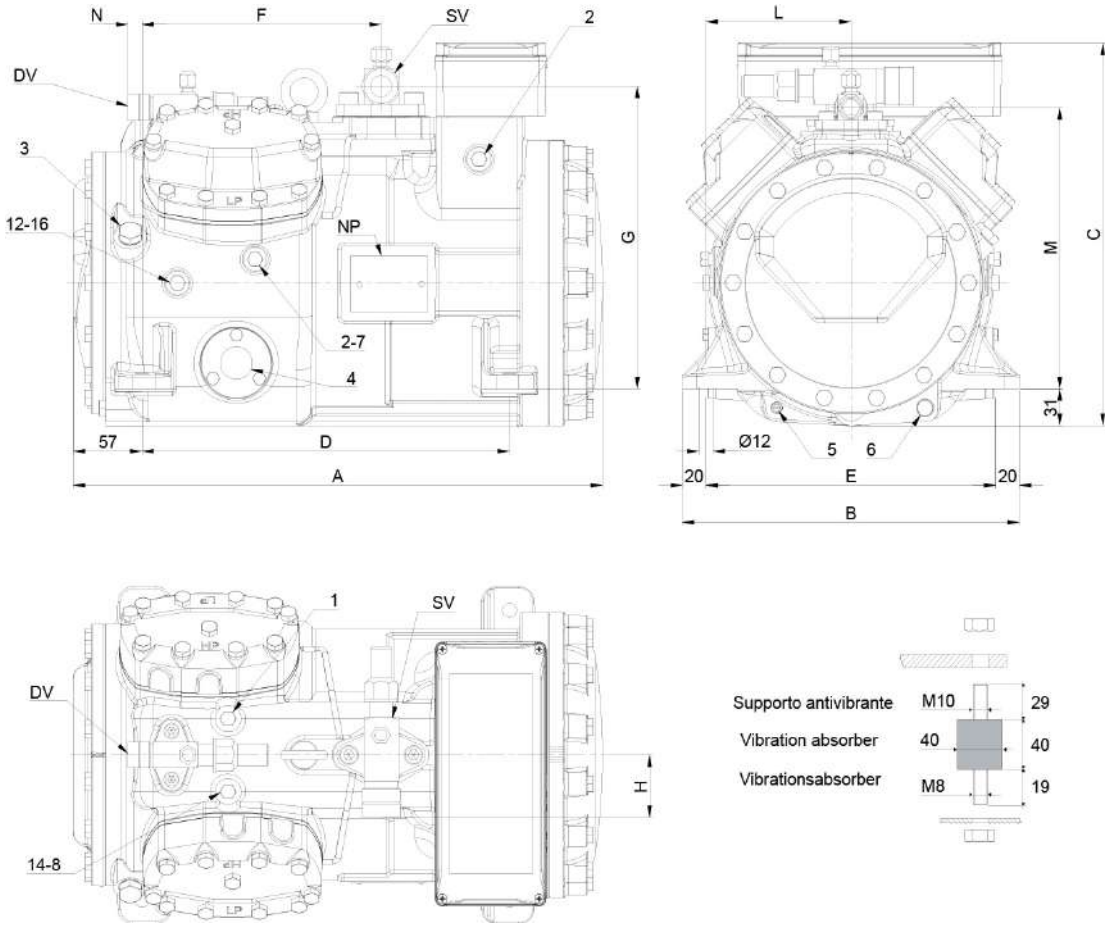
Standard accessories - Q9-36.1Y

Suction and discharge valves with soldering connection	
Packing ensuring proper handling and protection	
IP56 terminal box	
Oil level sight glass(es)	
Electronic protection module INT69	T00ECA01A
Rubber vibration dampers (4 pcs)	
Nitrogen protective charge	

Optional accessories - Q9-36.1Y

Special voltage for electrical motor	
Crankcase heater	
CC capacity control head	
RSH capacity control head	
US unloaded start head	
Head Cooling Fan	
FLI liquid injection kit	
Oil Equalizing Fitting with valve	
USB adapter for Diagnose	T00EC57
Bluetooth Module for Diagnose	T00EC69
Modbus connection cable	T00EC65
DP-Modbus gateway	T00EC59
Special painting	

CAD drawings - Q9-36.1Y



Position and connections:

SV: Suction Valve	mm	35
SV: Suction Valve	inch	1 3/8"
DV: Discharge valve	mm	28,6
DV: Discharge valve	inch	1 1/8"
A: Length	mm	464
B: Width	mm	286
C: Height	mm	328
D: Base mounting	mm	312
E: Base mounting	mm	246
F: Suction Valve	mm	203
G: Suction Valve	mm	261
H: Suction Valve	mm	58
L: Discharge valve	mm	123
M: Discharge valve	mm	239
N: Discharge valve	mm	28
1: High pressure connection		1/8" NPT
2: Low pressure connection		1/8" NPT
3: Oil charge plug		1/4" GAS
4: Oil level sight glass		-
5: Crankcase heater seat		-
6: Oil drain plug		M8 x 22
7: Liquid injection plug		1/8" NPT
8: Liquid injection sensor plug		1/8" NPT
12: Oil return plug		1/8" NPT
14: Max discharge temperature sensor connection		1/8" NPT
16: Crankcase pressure plug		1/8" NPT
NP: Nameplate		-