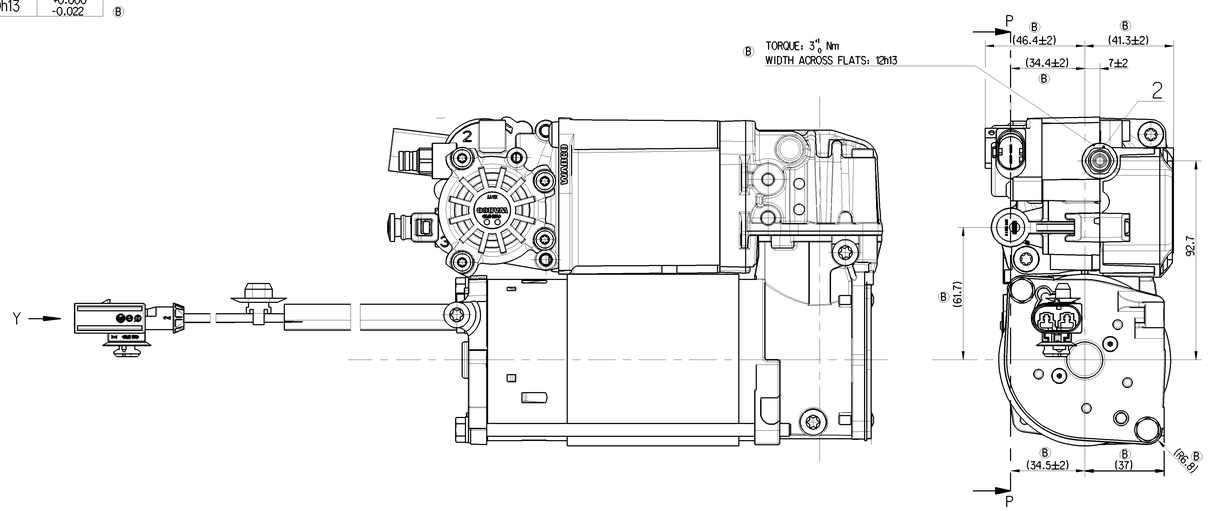
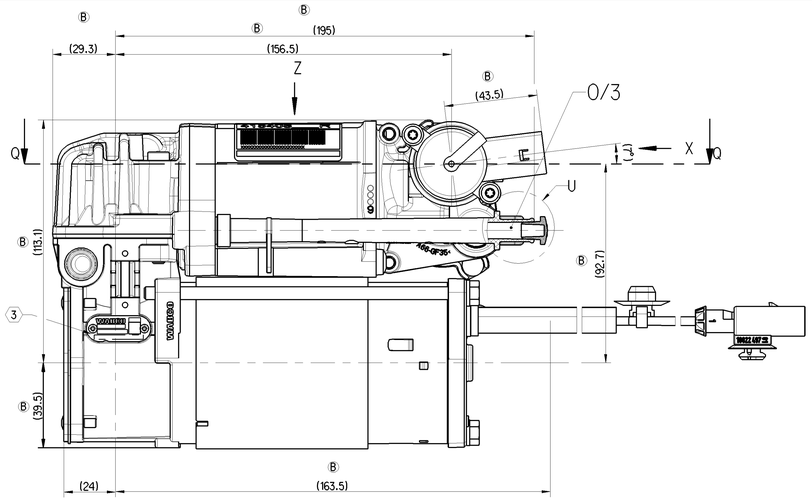
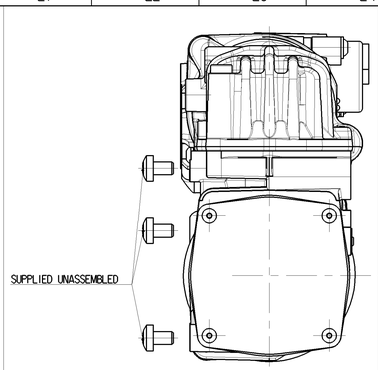
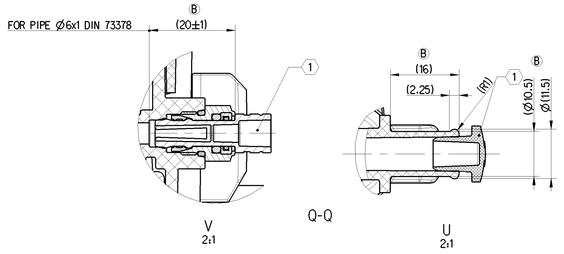
10h13 +0.000 -0.022 (B)

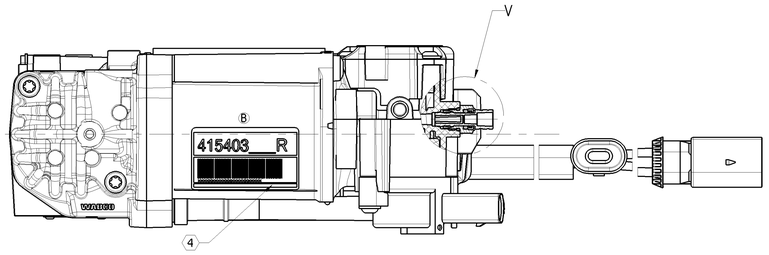


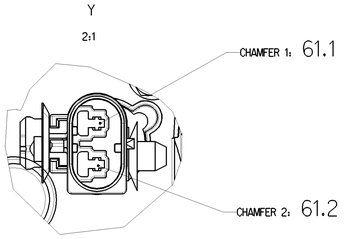


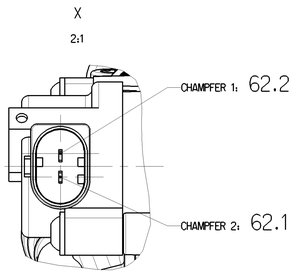
P-P





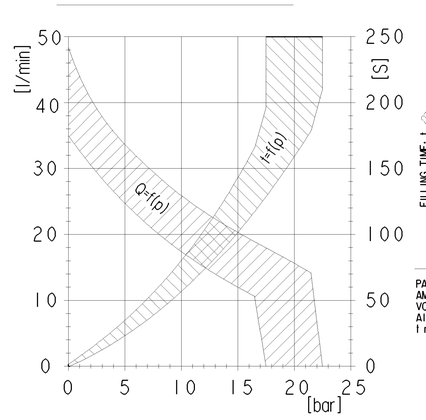






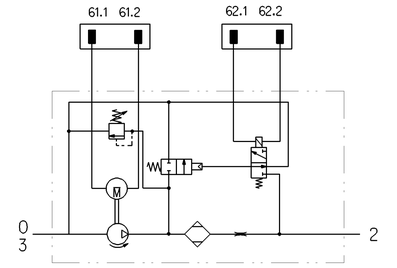
TECHNICAL DATA	COMPRESSOR	SOLENOID
TYPE OF CURRENT:	DIRECT CURRENT	DIRECT CURRENT
OPERATING VOLTAGE U_B	9...16V	9...16V
NOMINAL VOLTAGE U_N	12V	12V
RATED CURRENT:	-	I_N = 0.75A I_{ers} >= 390mA I_0 <= 470mA PEAK AND HOLD
MAXIMAL CURRENT INTENSITY: I_{max} (U=12V; t=23±5°C; p<=10 bar)	35A	0.8A
DEGREE OF PROTECTION ACCORDING TO IEC 529	IP68	IP68
DEGREE OF PROTECTION ACCORDING TO DIN 40050	IP6K6 IP6K7	IP6K6 IP6K7
DUTY CYCLE: (U=13V; p = 10bar)	15% ED / 10min (t= 23±5°C) 3% ED / 10min (t= 80±5°C)	33.3% ED / 5min (t= -40...+80°C) 100% ED (t= -40...+100°C) PEAK AND HOLD
DYNAMIC PRESSURE LIMITING: p	17.5 +0 -2 bar <2> (t= 23±5°C)	-
RESIDUAL PRESSURE: p	1.5 +1.5 -0 bar	-
MAX. PERMISSIBLE PRESSURE IN CONNECTION 2 AT COMPRESSOR START-UP	RESIDUAL PRESSURE 2.5 bar	-

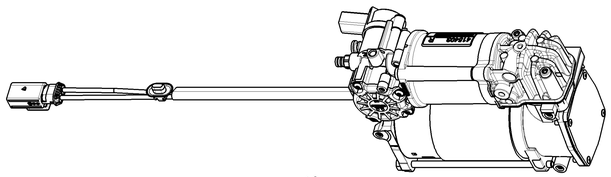
PERFORMANCE DIAGRAM ,COMPRESSOR AGGREGATE



PARAMETER:
AMBIENT TEMPERATURE: 23° ±5°C
VOLTAGE: 13V DC
AIR RESERVOIR: 3,7l (B)
t max: 167s

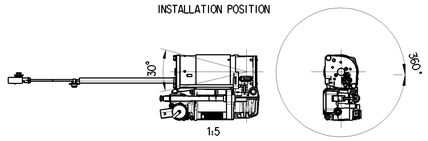
EXHAUST TIME: 25s <= t <= 35s (10bar=>5bar)





1:2

INSTALLATION POSITION



1:5

SERVICE CONDITION INTERMITTENT DUTY: S3	
AMBIENT TEMPERATURE : -40°C...+80°C	
STORAGE TEMPERATURE: -40°C...+100°C	
SHORT TERM RESISTANCE TO HEAT : MAX. 1h +110°C (WITHOUT FUNCTION)	
LUBRICATION COMPRESSOR: DRY RUNNING	
WORKING MEDIUM: AIR	
0	INLET COMPRESSOR AGGREGATE
2	DISCHARGE PORT COMPRESSOR AGGREGATE
3	EXHAUST COMPRESSOR AGGREGATE
61 (2)	ELECTRICAL CONTROL COMPRESSOR AGGREGATE TYPE DESIGNATION: KOSTAL 100 22 497 MATING PART: KOSTAL 09 4422 00 OR KOSTAL 09 4422 91
61.1	EARTH CONNECTION (TERMINAL 31)
61.2	CONNECTION PLUS (TERMINAL 30)
62 (2)	ELECTRICAL CONTROL MATING PART: KOSTAL 09 4412 11
62.1/ 62.2	SOLENOID VALVE (AIR DRYER)

(...) AUXILIARY MASS

(1) REMOVE CAP

(2) CONNECTOR SYSTEM ACCORDING TO CUSTOMER SPECIFICATION
WABCO DOES NOT PROVIDE ANY WARRANTY RELATING TO CONNECTOR-SYSTEM DEFECTS

2x <2> SAFETY AND SIGNIFICANT CHARACTERISTICS

NON-DIMENSIONED CONTOURS TO BE MADE ACCORDING TO 3D CAD MODEL

LABELING INFORMATION TABLE (SEE ALSO DOC.922)

PRODUCTION SITE	LABEL	LABEL ID NUMBER	LABEL LAYOUT
PRI 048	(3)	899 050 145 4	PRODUCTION DATE WABCO ID NUMBER
	(4)	899 202 520 4	WABCO ID NUMBER SERIAL NUMBER (BARCODE)

General Specification: JED-334-O
Further Technical Data: 415 403 303 R
Doc. Code: 035 Sheets: 1 To 26
General Tolerances JED-261

Class 1)	Range of Nominal Dimensions (± mm)				
	1 ± 50	50 ± 180	180 ± 400	400 +	
Fine	0.5	1.0	1.5	2.0	
Medium	X 1.0	2.0	3.0	4.0	±3°
Coarse	2.0	3.5	5.0	6.5	

Tapped Holes acc. JED-152
1) Tolerance Class Applied Crossmarked

Copyright WABCO®
Date | Signature
Drawn: 2018-12-19 Skobodzian
Checked: 2018-12-21 Goj
Expert: Skobodzian
Mass: 4.005 kg
Scale: 1:1
Size: A 0
CAD System: CREO

WABCO

COMPRESSOR AGGREGATE
KOMPRESSOR AGGREGAT
AGGREGAT DU COMPRESSEUR
COMPLESSIVO DEL COMPRESSORE

Material No.: 415 403 323 R
Date of first issue: 2016-09-28
Doc.Code: 005 Language: EN Sheet: 1/1
ECN-No.: 178638 Revision: 22x Techn. Regul.: B Year: 2022
Replacement for: -

Data Compatibility as to standard, as to planned, fully applicable, as compilation as we wether and liability, and all provisions, warranty, but independent of with right conditions or also except of apply as we do not be warranted as damage of WABCO Vehicle Control Systems. Subject to change without notice. Alle Rechte vorbehalten, diese Unterlage, insbesondere auch Anmeldung, Anwendung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte vorbehalten. Wir behalten uns alle Verfügung, auch für den Fall der Schutzrechtserteilung und Gebrauchsmusterschutz vorbehalten.

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