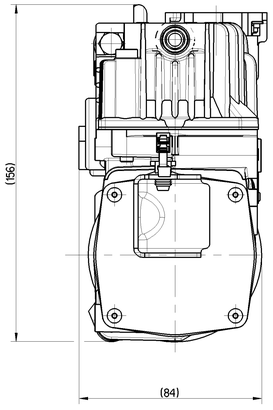
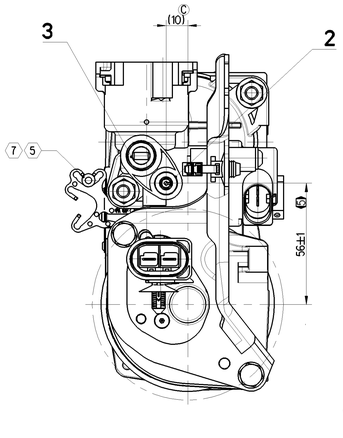
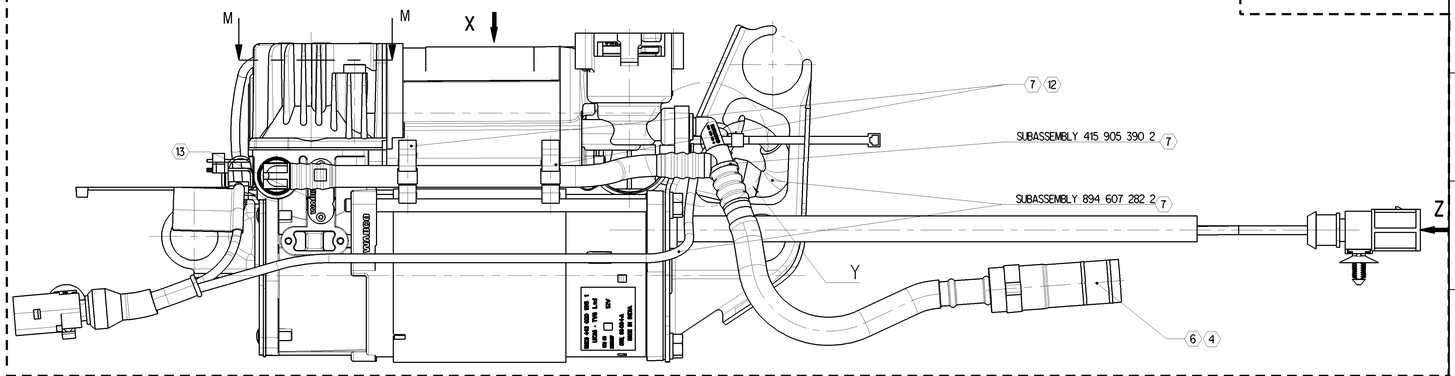
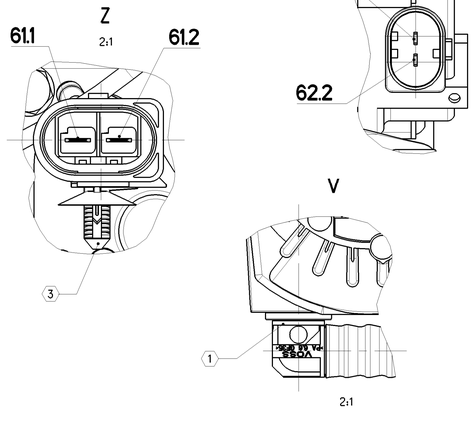
◁1▷	SAFETY CHARACTERISTICS 0
◁2▷	SIGNIFICANT CHARACTERISTICS 1
◁3▷	CUSTOMER INTERFACE 4

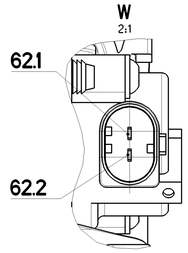


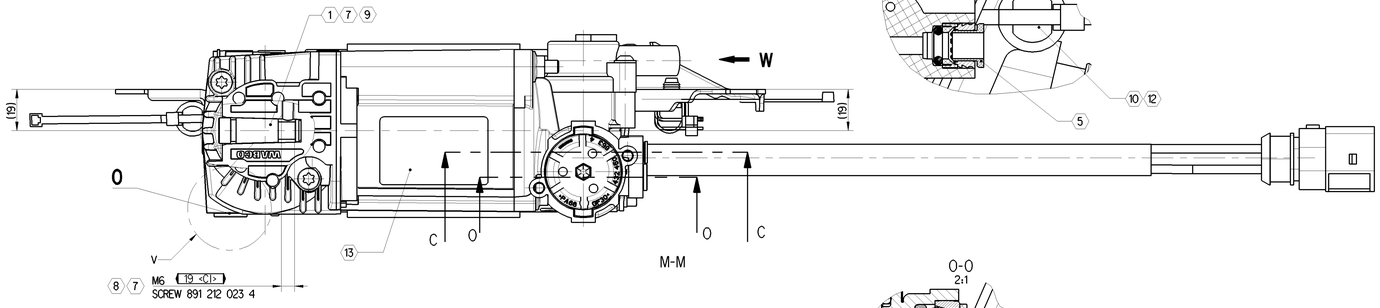


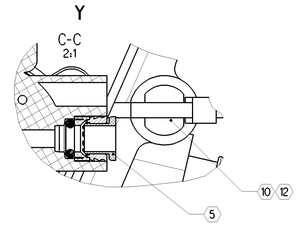
VIEW OF COMPLETE ASSEMBLED AGGREGATE / FOR INFORMATION ONLY

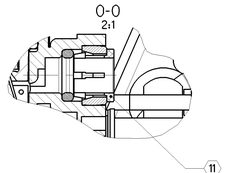








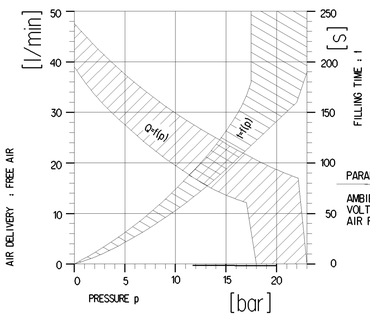




SERVICE CONDITION INTERMITTENT DUTY :	S3
AMBIENT TEMPERATURE :	-40 °C...+100 °C
STORAGE TEMPERATURE :	-40 °C...+100 °C
SHORT TERM RESISTANCE TO HEAT :	MAX. 1h +110 °C (WITHOUT FUNCTION)
LUBRICATION COMPRESSOR :	DRY RUNNING
WORKING MEDIUM :	AIR
SURFACE PROTECTION	120 h SALT SPRAY (DIN 50021SS)

TECHNICAL DATA	COMPRESSOR	SOLENOID
TYPE OF CURRENT :	DIRECT CURRENT	DIRECT CURRENT
OPERATING VOLTAGE : U_B	9...15V	9...15V
NOMINAL VOLTAGE : U_N	12V	12V
RATED CURRENT :	-	I_N = 0.75A I_{ens} >= 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	IP6K7 IP6K6	IP6K7 IP6K6
DUTY CYCLE : (U=13V) p<=10 bar	10% ED / 10min (t= 23±5 °C) 7% ED / 10min) (t= 55±5 °C)	33.3% ED / 5min (t= -40...+80 °C) 100% ED (t= -40...+100 °C) PEAK AND HOLD
DYNAMIC PRESSURE LIMITING : p	20 $^{+3}_{-2}$ bar	-
RESIDUAL PRESSURE : p	2±1 bar	-

(16) PERFORMACE DIAGRAM



PARAMETERS :

AMBIENT TEMPERATURE : 23 °C ±5 °C
VOLTAGE : 13 V DC
AIR RESERVOIR : 3.7 l

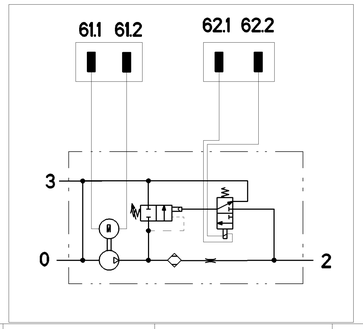
(17) DESCRIPTION OF PRIMARY FUNCTIONS

17A ◁2▷ FILLING TIME: t < 148 s (0 bar => 16 bar)

17B EXHAUST TIME: 7s < t < 11s (16bar=>5bar)

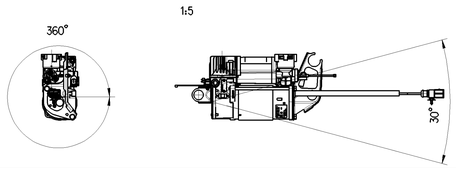
(15) ELECTRIC SCHEME

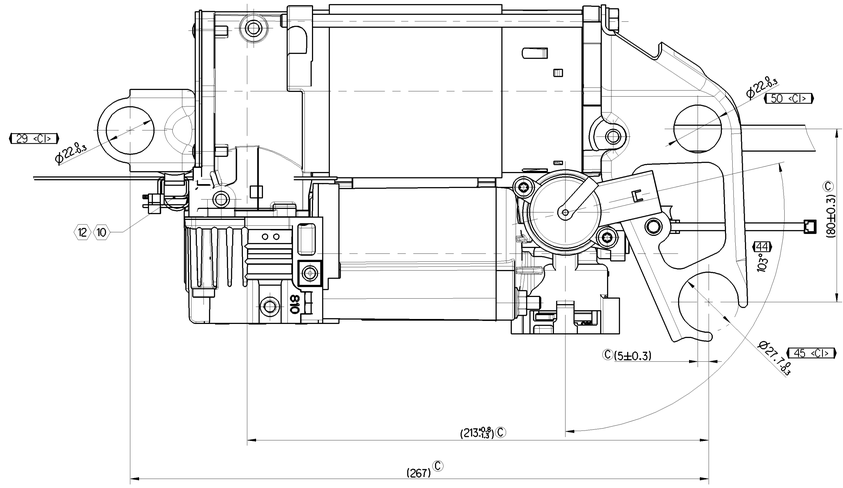
(4)



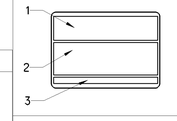
0	INLET :	COMPRESSOR AGGREGATE	-
2	DISCHARGE PORT :	COMPRESSOR AGGREGATE	-
3	EXHAUST :	COMPRESSOR AGGREGATE	-
61	ELECTRICAL CONTROL :	COMPRESSOR AGGREGATE	-
	TYPE DESIGNATION :	AMP NO.: 1-1703532-1	-
	MATING PART :	FEP NO.: 42036100	-
61.1	EARTH CONNECTION :	(TERMINAL 31)	BROWN
61.2	CONNECTION PLUS :	(TERMINAL 30)	RED-WHITE
62	ELECTRICAL CONTROL :	WIRING HARNESS (894 607 282 2)	-
	MATING PART :	FCI 6 040 4001 (894 607 282 2)	-
62.1	SOLENOID VALVE	-	-
62.2	ELECTRO-VALVE	-	-

(14) INSTALATION POSITION

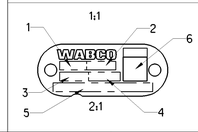




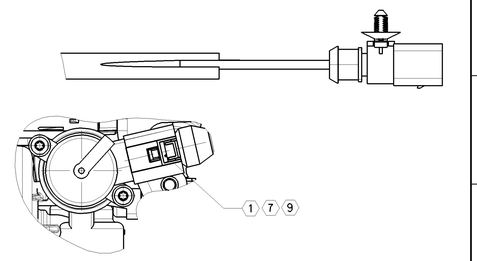
(13) LABELING INFORMATION (DETAILED INFORMATION IN DOC. 922)



1) WABCO IDENTIFICATION NUMBER
2) BARCODE
3) BARCODE - NUMERIC



1) PRI
2) REMANUFACTURED
3) DATE OF MANUFACTURE
4) DAY OF MANUFACUTRE
5) WABCO IDENTIFICATION NUMBER
6) DATAMATRIX CODE



(1)	PUT-IN TO STOP
(2)	REMOVE CAP
(3)	THICKNESS OF SHEET METAL 0.8-6 mm / BORE DIAMETER Ø6.5
(4)	THE CUSTOMER PERFORMS THE SELECTION AND ADJUSTMENT OF CONNECTOR SYSTEMS ACC. TO SPECIFICATION
(5)	FOR OUTER DIAMETER OF PIPE 6 mm / DIN73378
(6)	FOR OUTER DIAMETER OF PIPE 12.5 mm / DIN73378
(7)	NOT SUPPLIED
(8)	FOR FIXATION OF TEMPERATUR SENSOR - TORQUE 5.5 Nm
(9)	USE ONLY WITH WABCO WIRING HARNESS 894 607 282 2
(10)	FOR FIXATION OF THE TEMPERATURE SENSOR CABLE FROM THE WIRING HARNESS : 894 607 282 2
(11)	FOR FIXATION OF THE F-CONNECTOR FROM THE INTAKE LINE : 415 905 390 2
(12)	LOCATED ON MARKING

General Specification: ISO 8015, JED-354-1, Size ISO 14405 LP
Further Technical Data: 415 403 305 R
Doc. Code: 035 Sheet: 1 To 21
General Tolerances JED-261
Range of nominal dimensions in mm

Class	1)	≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400
Fine		±0.5	±1	±1.5	±2
Medium	X	±1	±2	±3	±4
Coarse		±2	±3.5	±5	±6.5

Tapped Holes acc. -
1) Tolerance Class Applied Crossmarked
±3°

Dimensions in mm

Copyright WABCO®
Date / Signature
Drawn 2022-02-02 Zubenik
Checked 2022-02-02 Slobodsion

WABCO
COMPRESSOR AGGREGATE

Mass	Scale	Material No.	Date of first issue
3.949 kg	1:1 (1:2,2:1,5:1)	415 403 305 R	2021-04-19

Doc.Code	Language	Sheet
005	EN	1/1

Size	CAD System	Replacement for
A 0	CREO	-

EDB No.	Revision	Revision Resp.
510355	5x C	6630_RM

100mm

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