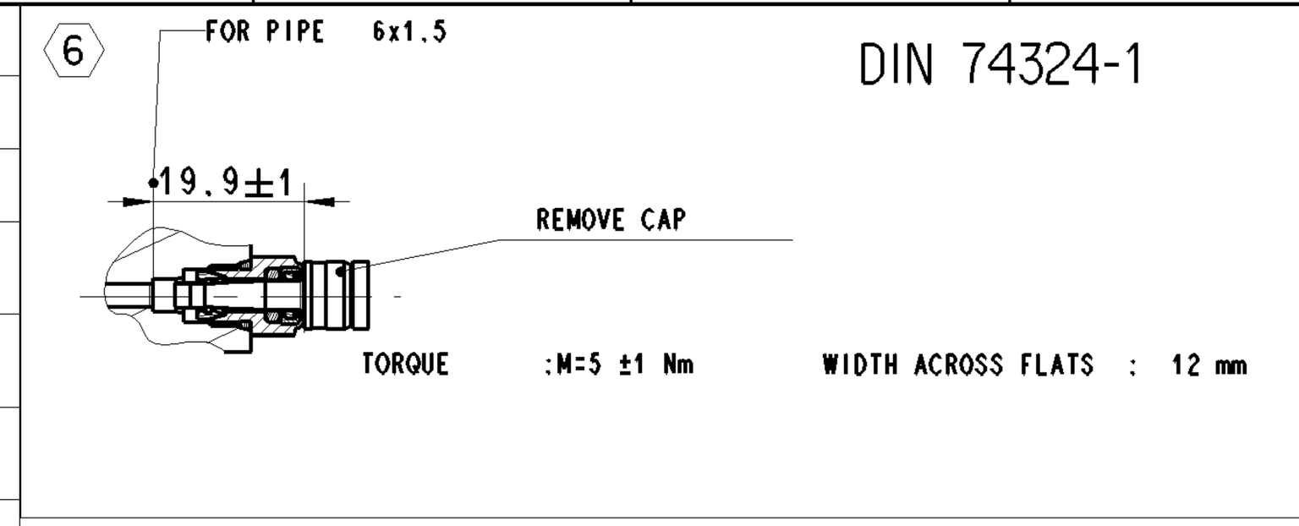
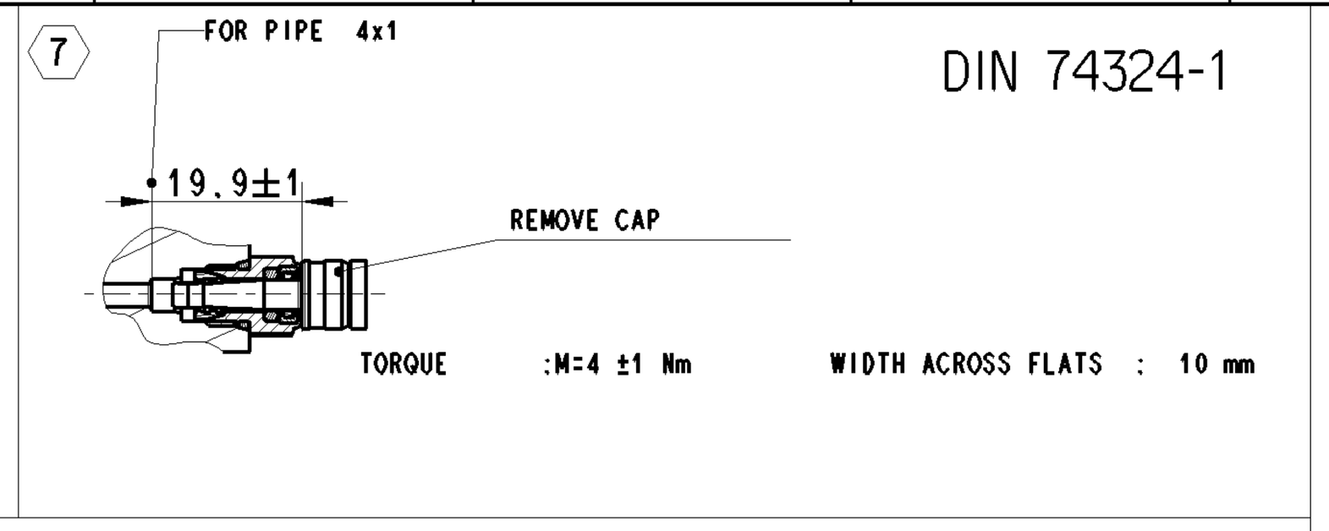
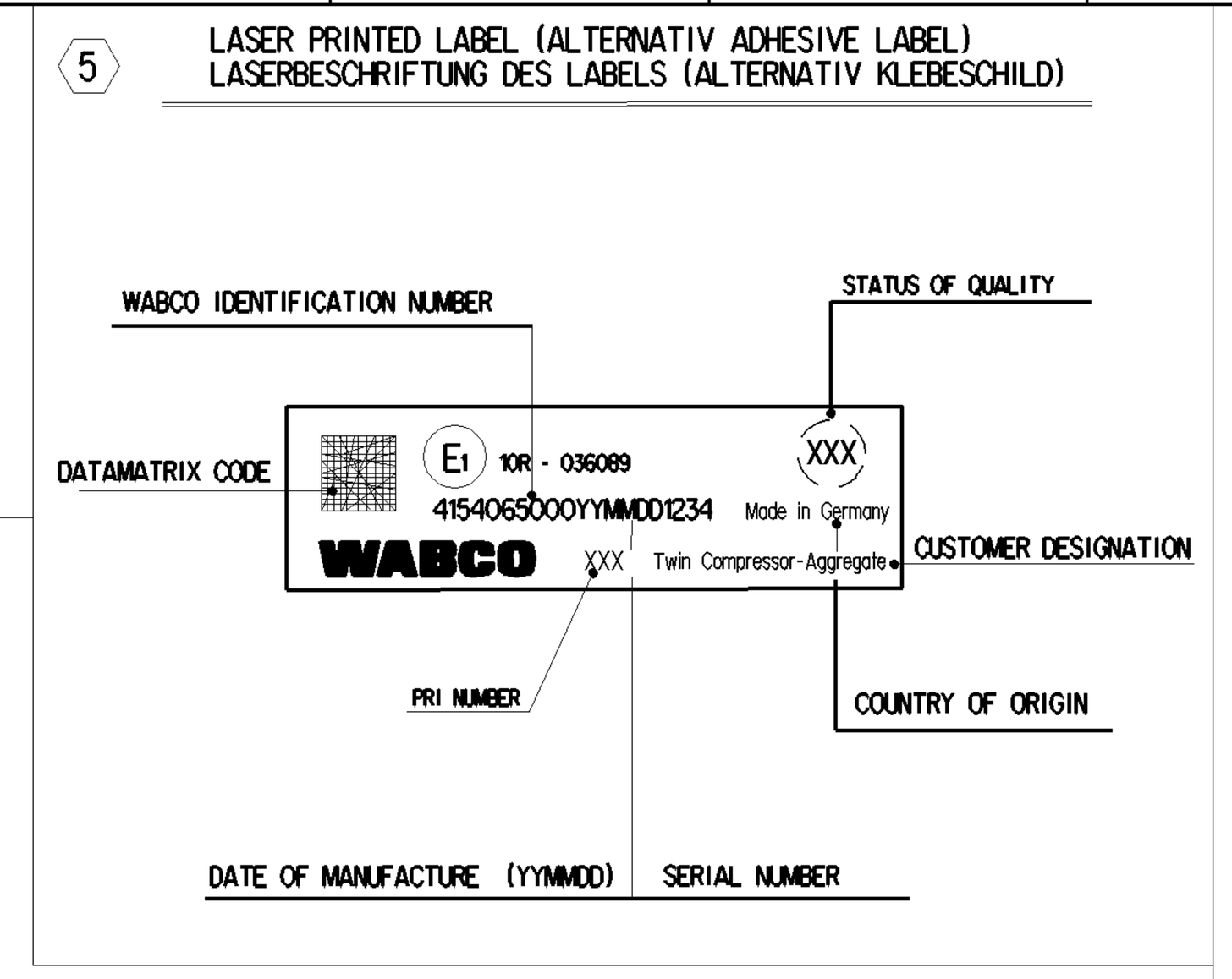
0	INLET	COMPRESSOR AGGREGATE
1	PRESSURE INLET PORT - SOLENOID VALVE BLOCK: 4mm MAX. WORKING PRESSURE: PE= 18 bar	
2	PRESSURE INLET PORT - SOLENOID VALVE BLOCK: 6 mm MAX. WORKING PRESSURE: PE= 18 bar	
3	EXHAUST	COMPRESSOR AGGREGATE
61	ELECTRICAL CONTROL PORT	COMPRESSOR AGGREGATE
(1)	PLUG HOUSING DESIGNATION	AMP NO.: 1-1703532-1
(3)	PIN	AMP NO.: 964314-1
	WIRE-SEALING	VERITAS NO.: F 17697 AMP NO.: 1719043-1
	MATING PART	FEP: 421 22900
61.1	CONNECTION PLUS	
61.2	EARTH CONNECTION	
62	ELECTRICAL CONTROL	SOLENOID VALVE
(1)	TYPE DESIGNATION	DOC 000045845 KOSTAL 3 PIN-CODING A-TYPE 3 PIN 2.8X0.8MM (x3)
(2)	MATING PART	KOSTAL FEMALE CONNECTOR - WITHOUT CPA: ID 09 4440 31 - WITH CPA: ID 09 4440 34
62.1	SOLENOID VALVE (EXHAUST)	
62.2	SOLENOID VALVE (-)	
62.3	SOLENOID VALVE (BOOST)	

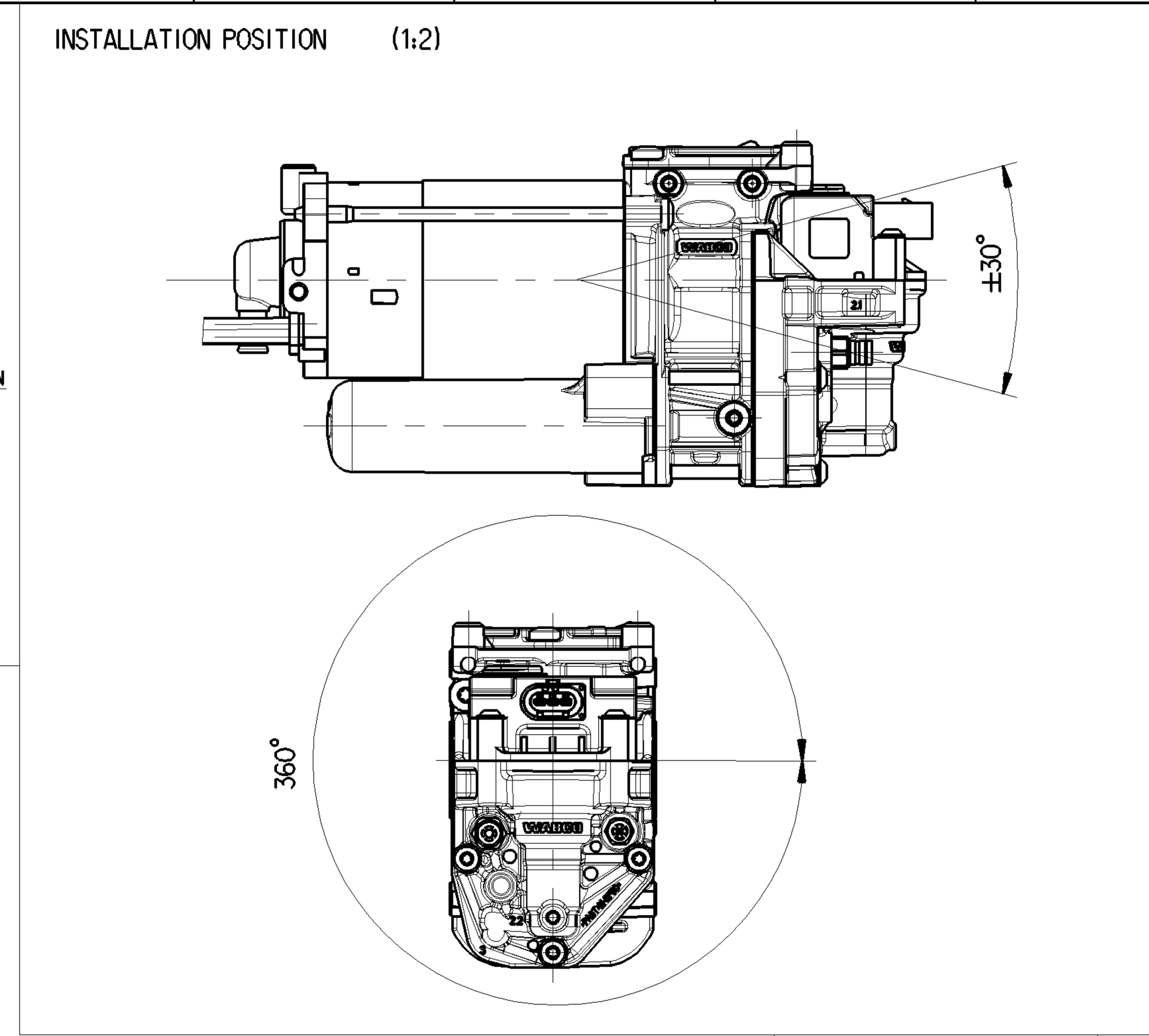
WORKING MEDIUM	AIR
LUBRICATION COMPRESSOR	DRY RUNNING
SERVICE CONDITION INTERMITTENT DUTY	S3 (IEC 60034-1)

TECHNICAL DATA			
		COMPRESSOR	SOLENOID
TYPE OF CURRENT		DIRECT CURRENT	
OPERATING VOLTAGE		$U_B = 12 ^{+4}_{-3}$ V	$U_B = 12 ^{+4}_{-3}$ V
NOMINAL VOLTAGE		$U_N = 12$ V	$U_N = 12$ V
RATED CURRENT		-----	$I_N = 1.0$ A
MAXIMAL CURRENT	(U= 13 V; t= 23±5°C) at 18 bar	$I_{max} = 35$ A	-----
MAXIMAL STARTUP CURRENT	(U= 13 V; t= 23±5°C)	<120A	-----
DUTY CYCLE	IEC 60034-1 S3 U : 13V P1 : 10bar Pamb : 1013mbar	20% ED / 10min (T = 23±5°C) 5% ED / 10min (T = 80±5°C)	70% ED / 10min (T = 23±5°C) 30% ED / 10min (T = 80±5°C)
MAX. WORKING PRESSURE		Pmax = 18 bar	Pmax = 18 bar
DYNAMIC PRESSURE LIMITTING	t=23°C +/-5°C	$20 ^{+5}_{0}$ bar	$20 ^{+5}_{0}$ bar (10)
RESIDUAL PRESSURE	t=23°C +/-5°C	$1.5 ^{+0.75}_{-0.75}$ bar	-----
MINIMUM SWITCHING PRESSURE RELAY PISTON MINIMUM PRESSURE TO START EXHAUSTING		4.2 bar	-----
DEGREE OF PROTECTION ACCORDING TO IEC 529 (11)		IP 68	IP 68
DEGREE OF PROTECTION ACCORDING TO DIN 40050 (11)		IP6K7 IP6K6 IPXK9	IP6K7 IP6K6 IPXK9
OHMIC RESISTANCE		-----	$R_N = 12\ \Omega \pm 5\%$
AMBIENT TEMPERATURE WITH FUNCTION		-40°C ... +100°C -40°C: 48 h (WITH FUNCTIONAL) +100°C: 48 h (WITH FUNCTIONAL) +120°C: 15 min (WITHOUT FUNCTIONAL) 1 min. (WITH FUNCTIONAL) EXHAUST AFTER 14 min	
SALT SPRAY TEST	ISO 9227	480 h NSS	

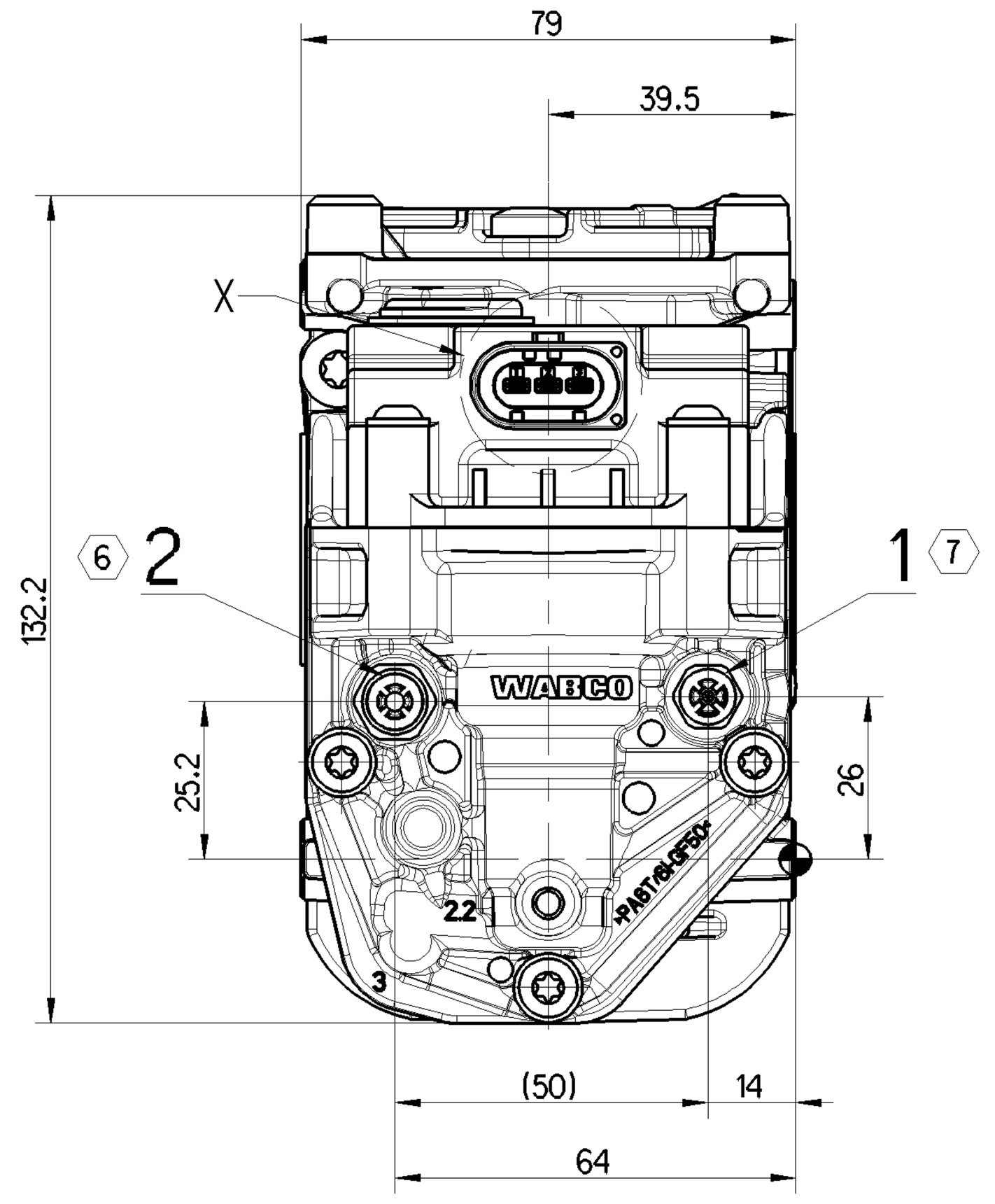


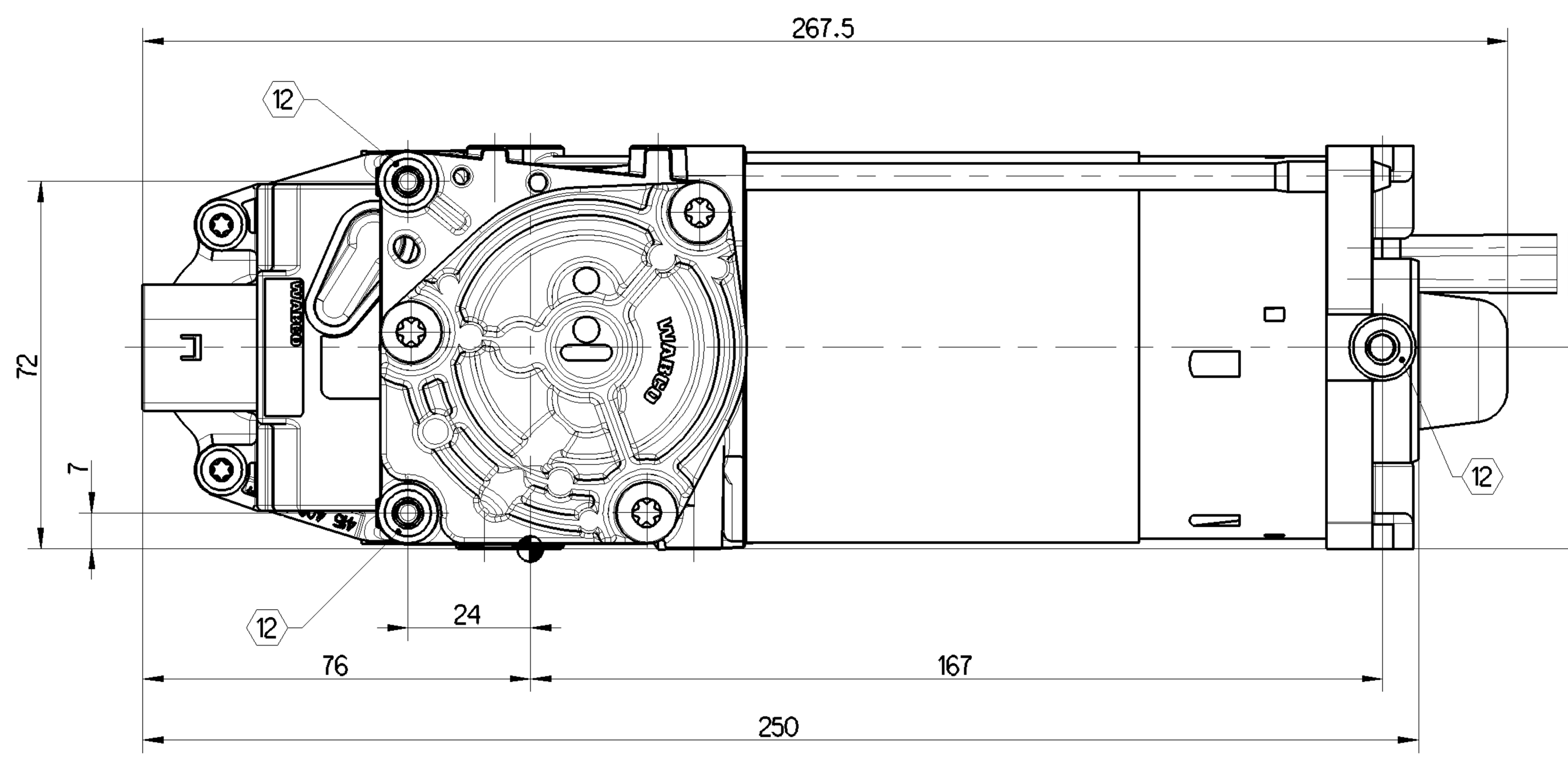


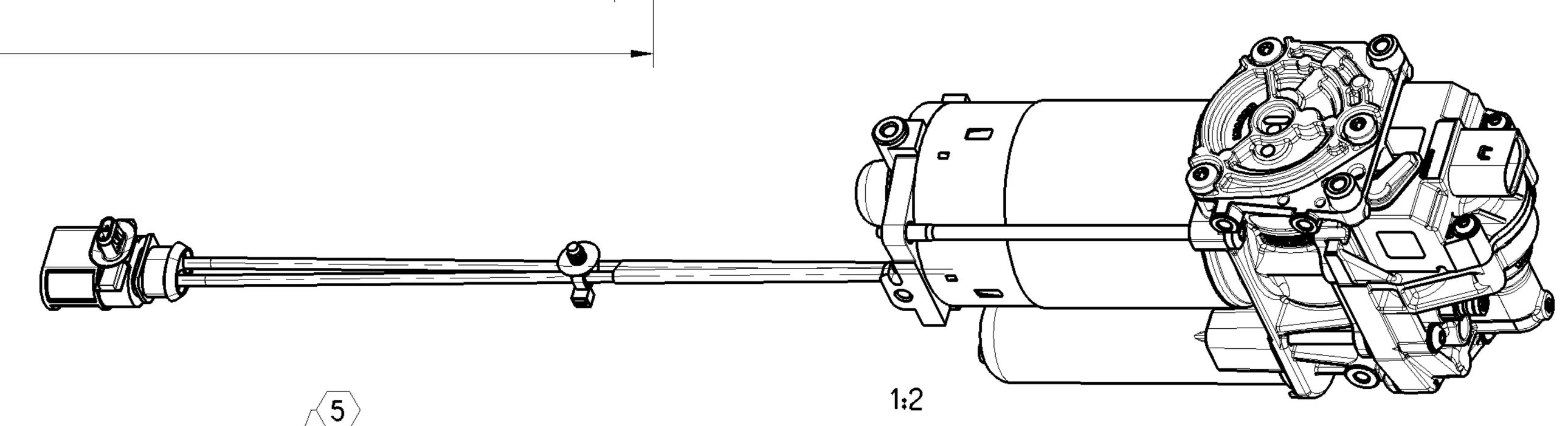


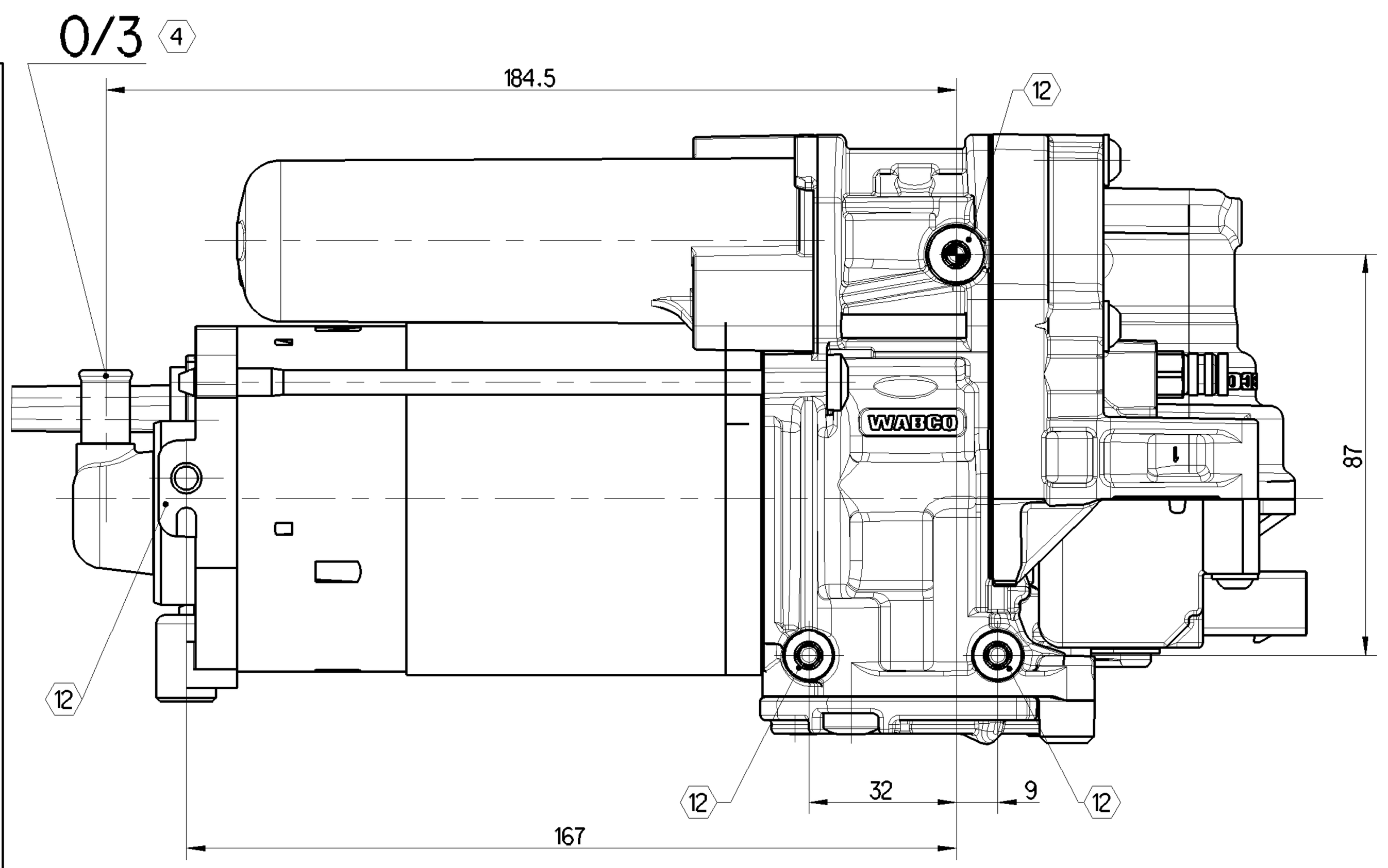


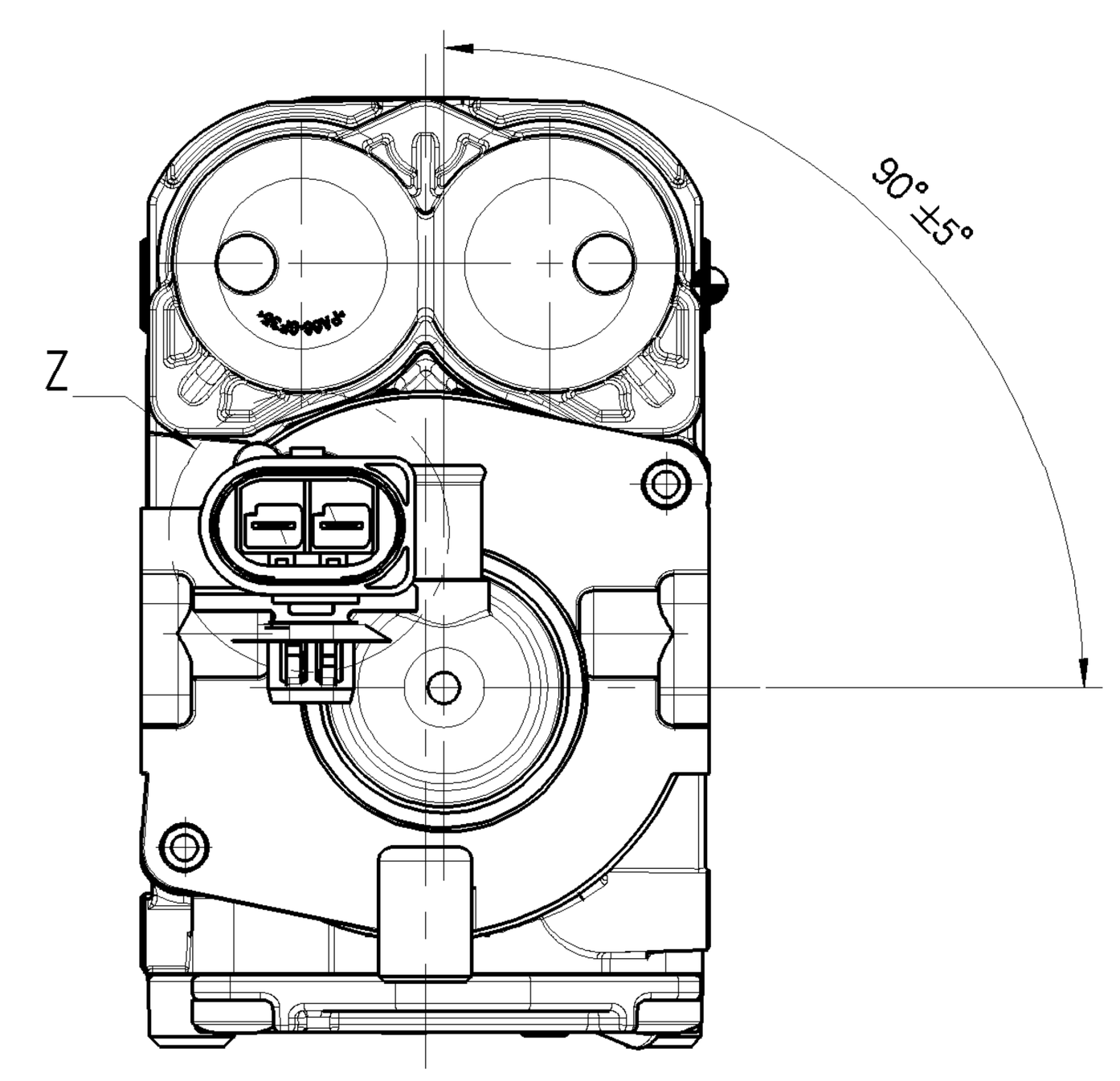
<S> SAFETY CHARACTERISTICS	0
<Z> SIGNIFICANT CHARACTERISTICS	0
<C> CUSTOMER INTERFACE	0

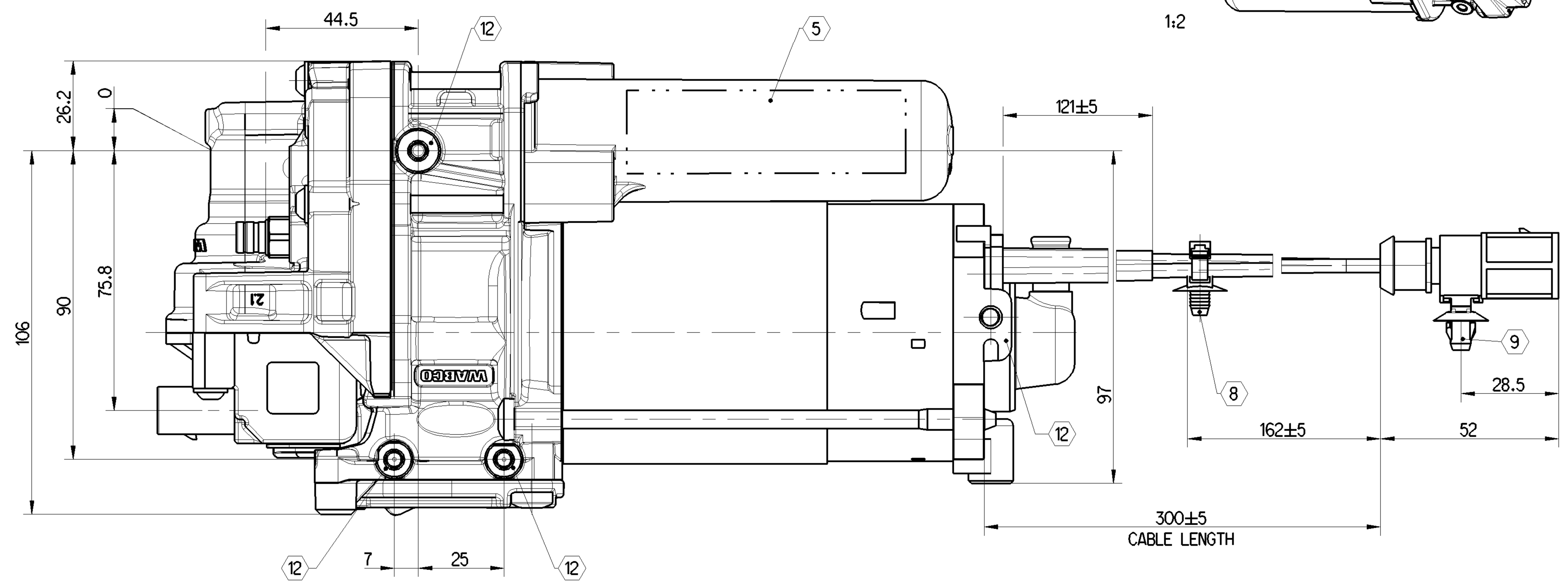


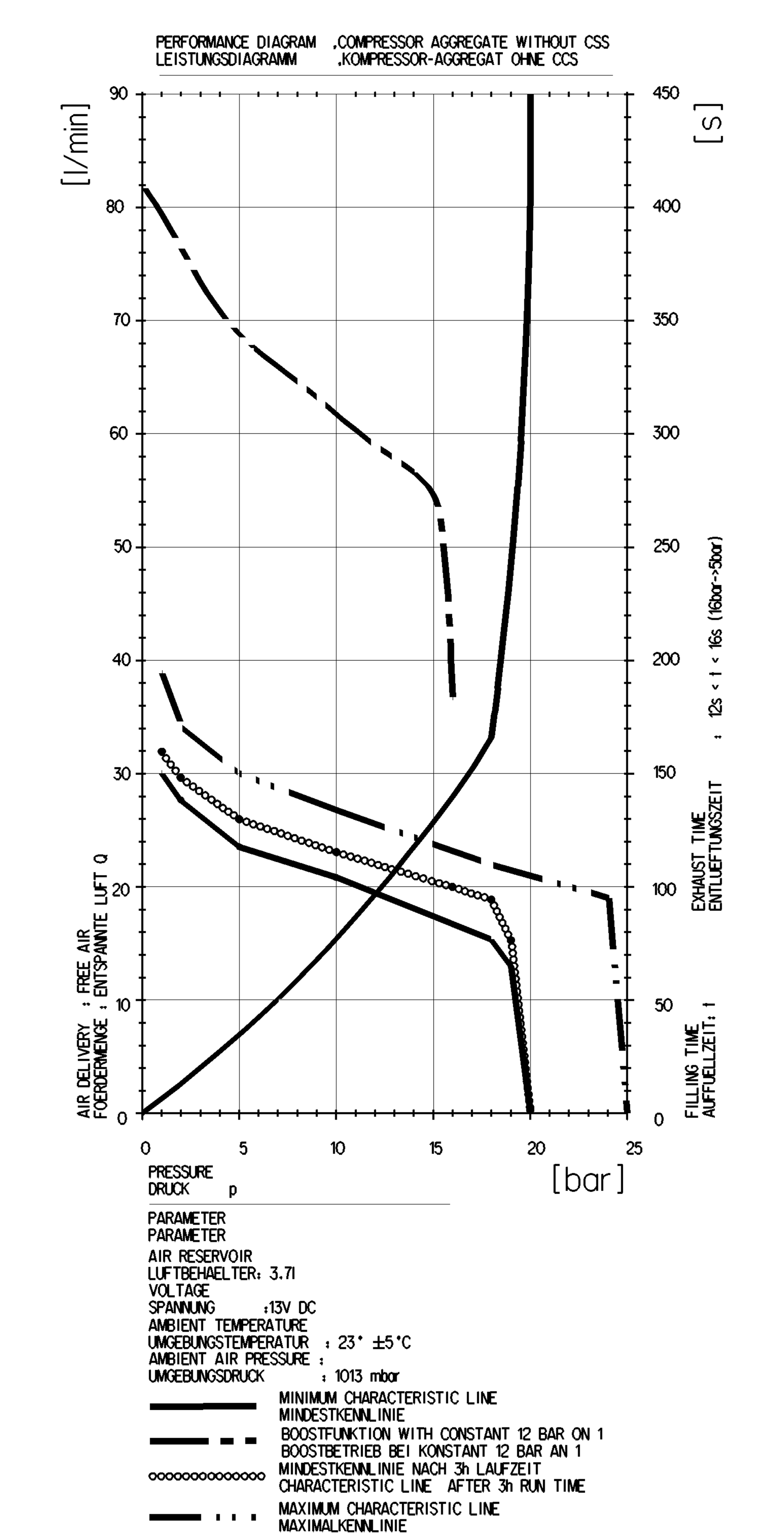


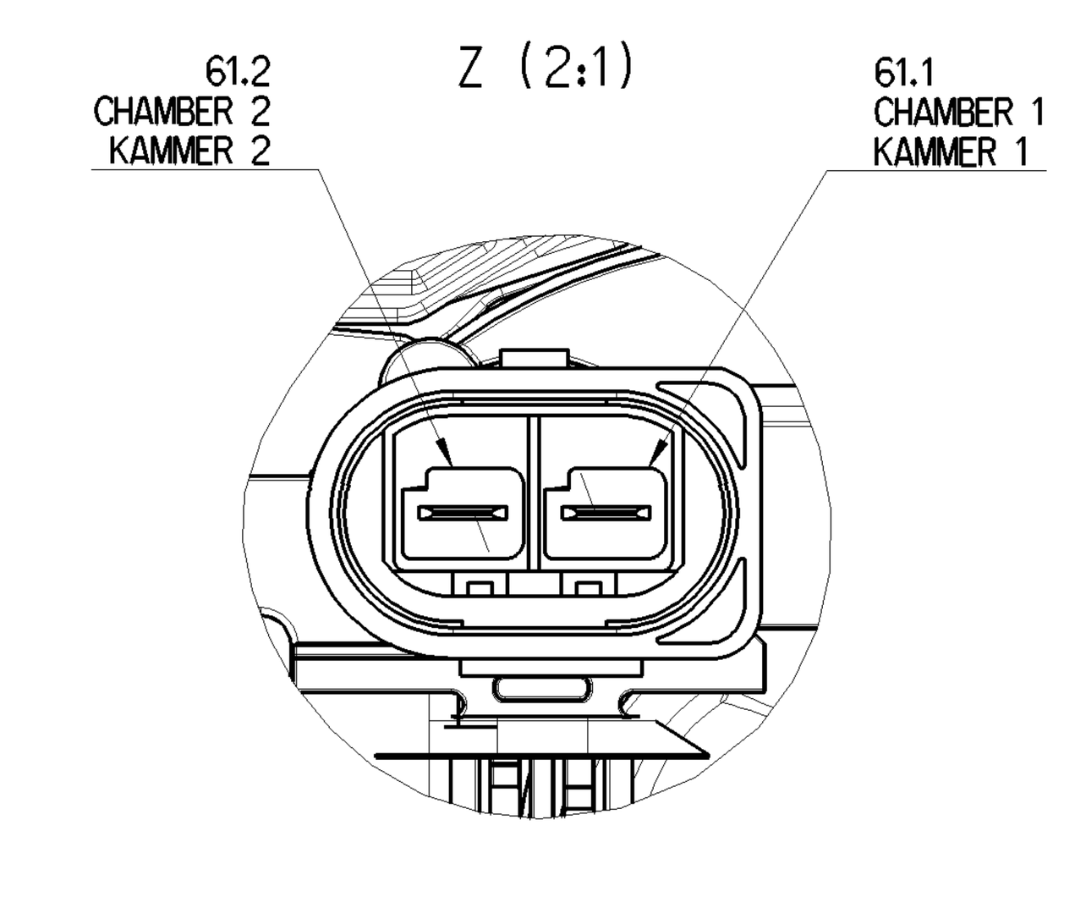




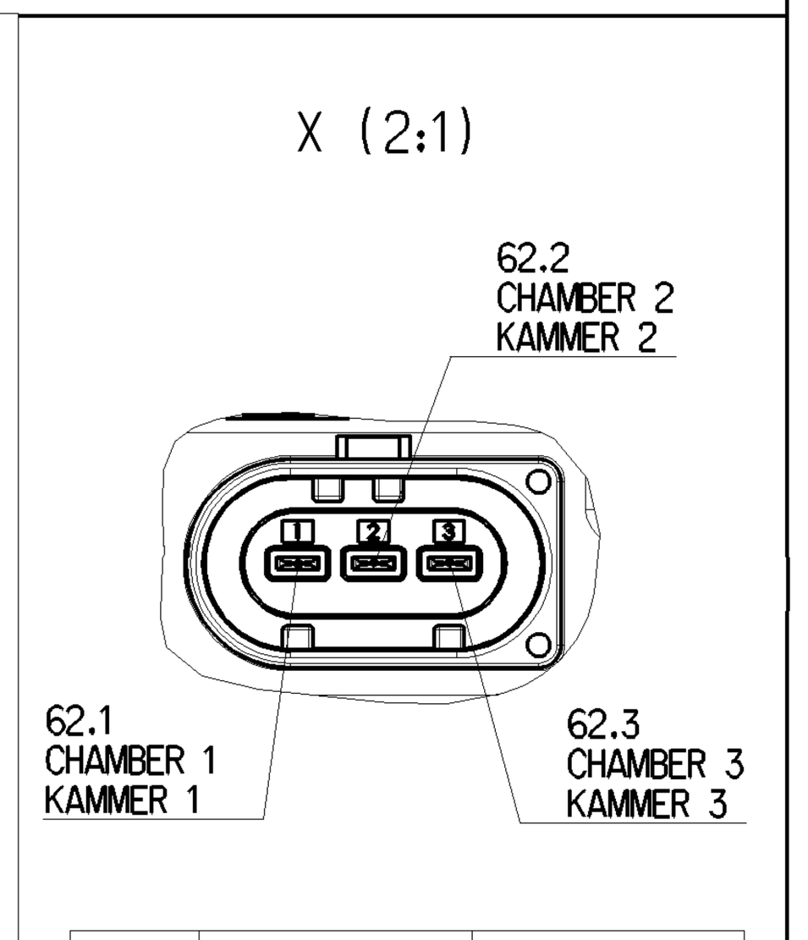




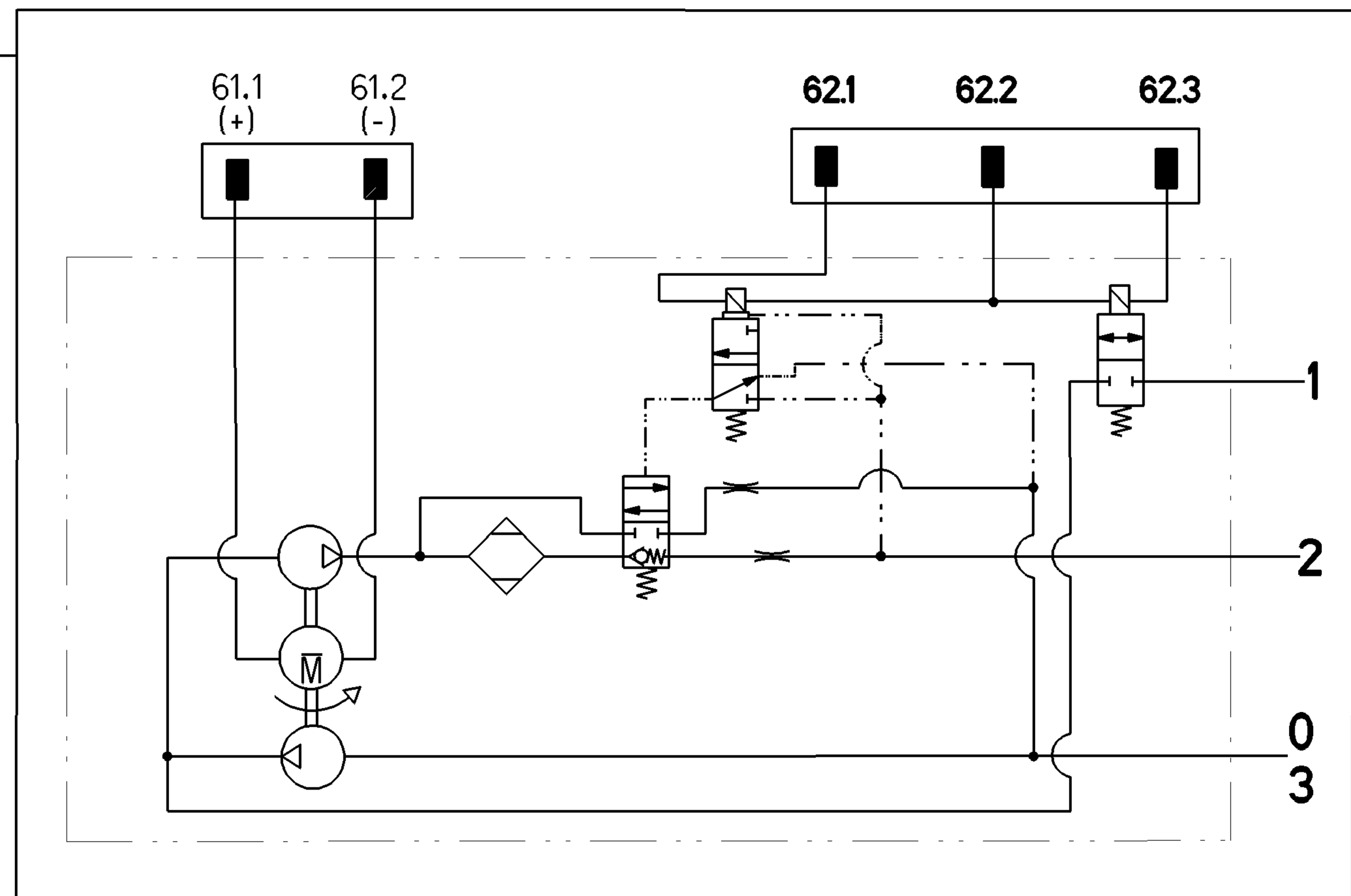




CHAMBER 1	RED-WHITE	SIGNAL (+)
CHAMBER 2	BROWN	MASSE (-)



62.1	CHAMBER 1	EXHAUST
62.2	CHAMBER 2	GROUND
62.3	CHMABER 3	BOOST



(12)	FOR THE FIXATION TO CUSTOMER APPLICATION	M6x 10mm Min.
(1)	CONNECTOR SYSTEM ACCORDING TO CUSTOMER SPECIFICATION WABCO DOES NOT PROVIDE ANY WARRANTY RELATING TO CONNECTOR-SYSTEM DEFECTS	
(2)	PIN SILVER PLATED	
(3)	PIN TIN PLATED	
(...)	AUXILIARY DIMENSION	
⊕	DATUM POINT FOR DIMENSIONING	
(4)	SUITABLE FOR HOSE DIAMETER Ø10x2 MAX. LENGTH: 1000mm WITH FILTER, TO BE VERIFIED BY SYSTEM-/VEHICLE TEST AVOID SYPHON	
(8)	WABCO NO.: 8943200184 FASTENING HOLE SUITABLE: Ø4.5-5 mm PLATE THICKNESS FROM 0.7 TO 0.3 mm	
(9)	WABCO NO.: 8943260494 FASTENING HOLE SUITABLE: 6.2±0.1, 12.2±0.1 PLATE THICKNESS FROM 0.6 TO 0.3 mm	
(10)	APPLICABLE TO EXHAUST VALVE ONLY	
(11)	VALID WITH COUNTER PLUG ASSEMBLED	

General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP
Further Technical Data:
Doc. Code: Sheet: To

General Tolerances JED-261

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

Range of nominal dimensions in mm

Tapped Holes acc. -
1) Tolerance Class Applied Crossmarked

Date	Signature
Drawn	
2023-08-30	Palani
Checked	
2023-09-08	Lary

Dimensions in mm

COMPRESSOR AGGREGATE
KOMPRESSORAGGREGAT

Mass	Scale	Material No.	Date of first issue: 2015-05-08		
3.485 kg	1:1 (2:1; 1:2)	415 406 500 0	Doc.Code 005	Language ML	Sheet 1/1
Size A 0	CAD System CREO	ECN-No. 504243	Revision 2x F	Techn. Resp. 7733	Replacement for 884 015 603 0