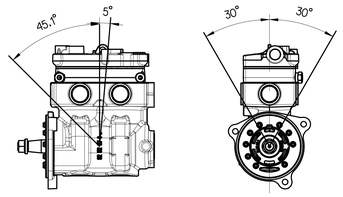
WORKING MEDIUM	AIR
COOLANT	WATER WITH ANTIFREEZE
BORE	Ø 85 mm
STROKE	56 mm
SWEPT VOLUME	636 cm^3
MAX. WORKING SPEED	n_{max} = 3000 min^{-1}
OVERSPEED (MAX. 4 SEC.)	n_{ue} = 1.3 x n_{max}
MAX. WORKING PRESSURE	p_e = 14 bar ⟨2⟩
MAX. PRESSURE (TEMPORARILY MAX. 4 SEC.)	p_e = 16 bar ⟨2⟩
END PLAY OF CRANKSHAFT	0.1 ... 0.4 mm
LUBRICATION SUPPLIED FROM ENGINE	

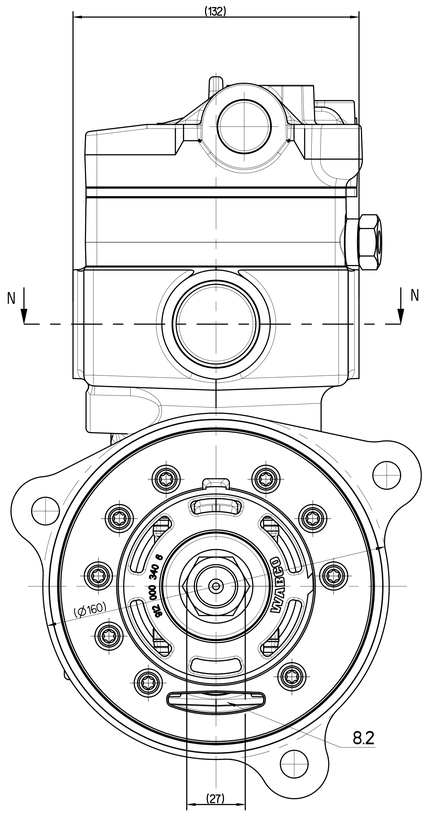
⟨2⟩ MEASURING POINT AT DISCHARGE PORT

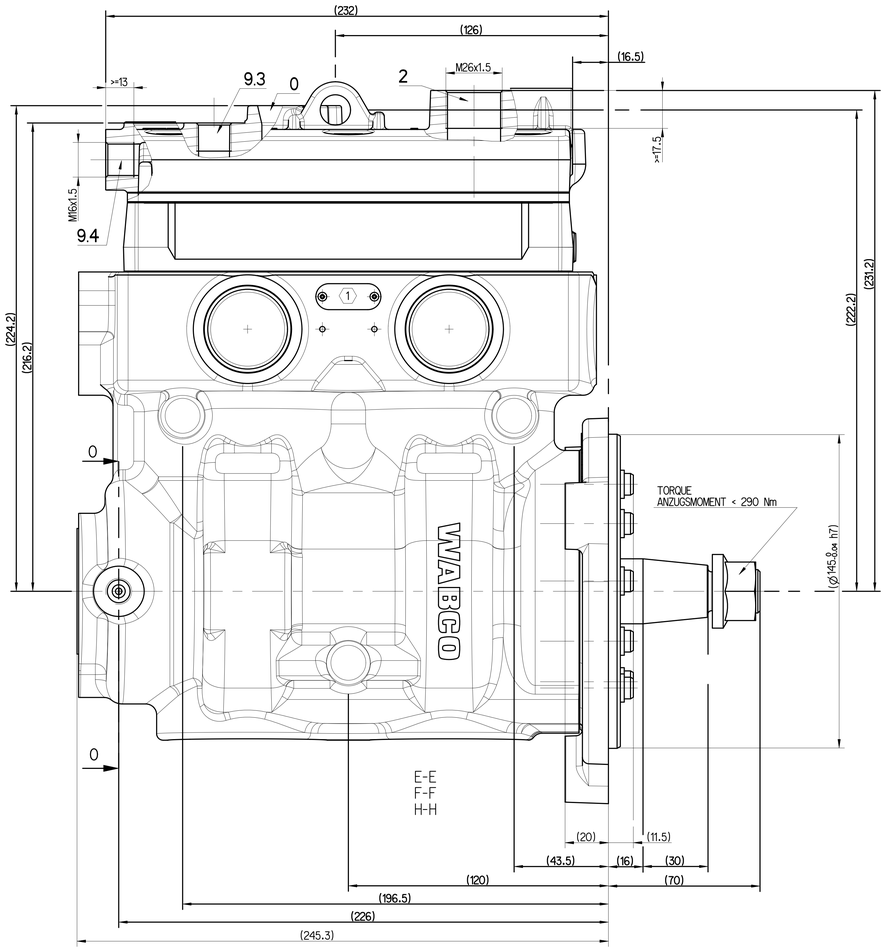
MAX. PERMISSIBLE TILT DURING CONTINUOUS WORKING

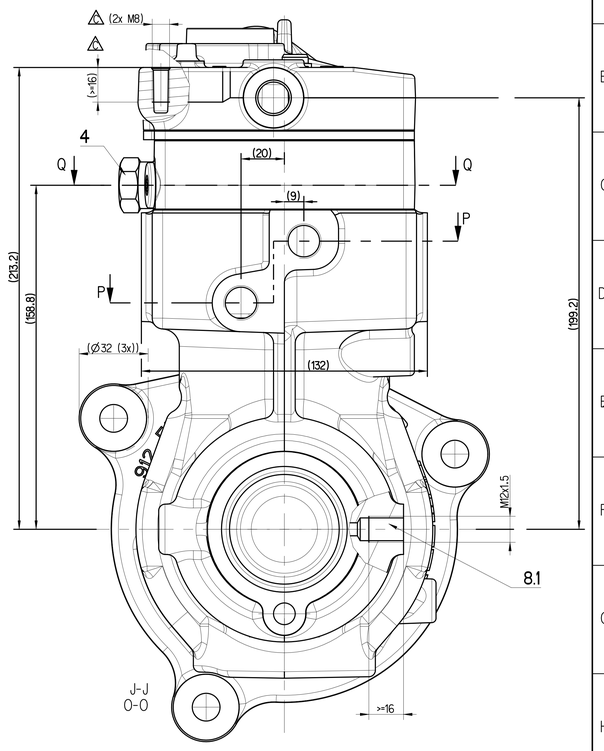


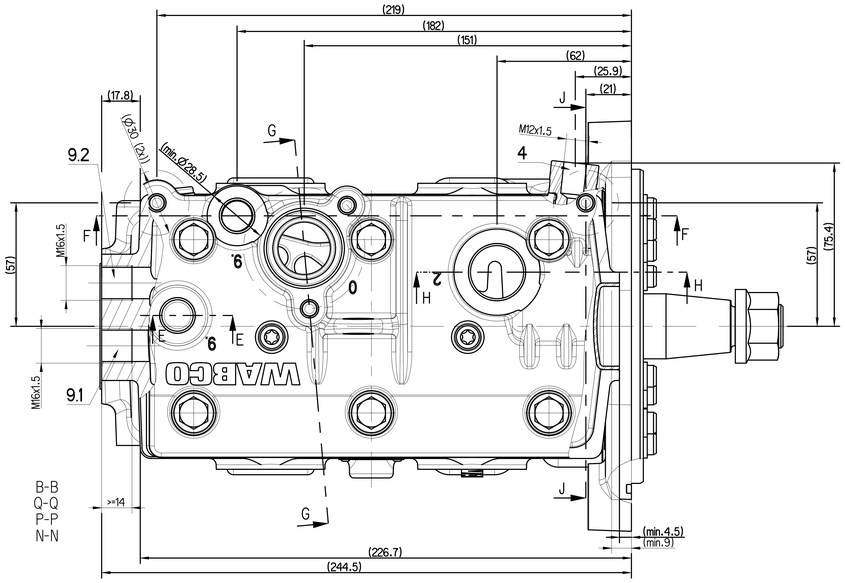
0	SUCTION PORT	
2	DISCHARGE PORT	M <= 150 Nm
4	GOVERNOR PORT	M <= 25 Nm
8.1	OIL SUPPLY	M <= 25 Nm
8.2	OIL DRAIN	
9.1 - 9.4	COOLANT CONNECTIONS	M <= 35 Nm

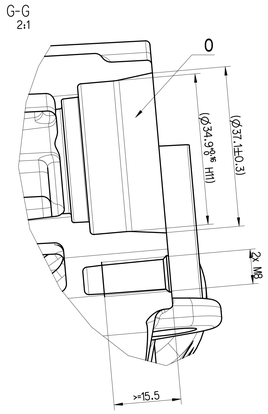
9.1 ◁⟷▷ 9.2 ➡ 9.3 ◁⟷▷ 9.4 DIRECTION OF FLOW

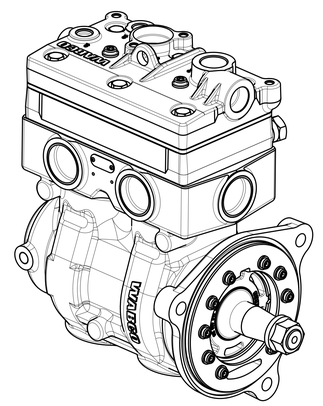


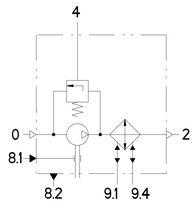


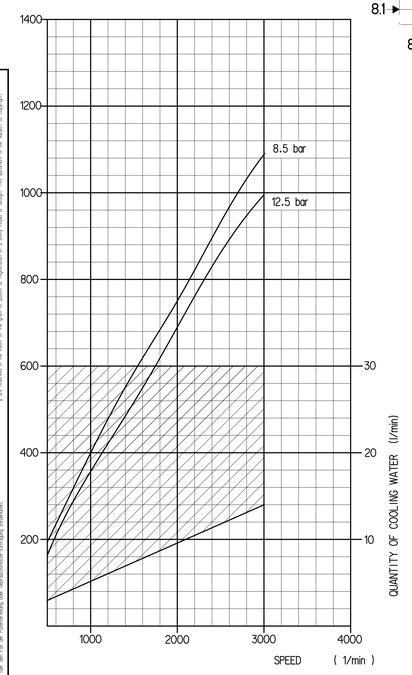


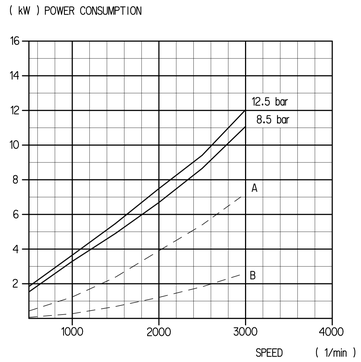












– – – – OFF LOAD

A) COMBINED UNLOADER

B) PR-SYTEM

(Kennfeld-Nr. K0708)

Merkmale nach WICF_C2_0008
Characteristics acc. to WICF_C2_0008
C 0(0) | S 0(0)

LABELING INFORMATION TABLE (SEE ALSO DOC.922)			
PRODUCTION SITE	LABEL	LABEL ID NUMBER	LABEL LAYOUT
PRI 048	⟨1⟩	899 050 145 4	PRODUCTION DATE / WABCO ID NUMBER

General Specifications ISO 8015, ZED-3341-1, Size ISO 14405 LP
Further Technical Data: 912 512 015 R
Doc. Code: 035 | Sheet: 1 To 9
General Tolerances ZED-261
Range of nominal dimensions in mm
Class 11 | ≤ 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
Trapped Holes acc. 0
TI. Tolerance Class: Applied Crossmarked

Copyright ZF*
Date 2026-03-23 | Drawn Ołowacz
Checked 2026-03-23 | Mahyjo
Dimensions in mm
Mass 21.317 kg | Scale 1:1 | Material No. 912 512 015 R | Date of first issue: 2018-09-26
Doc.-Code 005 | Language EN | Sheet 1/1
Size A 0 | CAD System CREO | ECN-No. 522539 | Revision 2x | Techn. Resp. C | Replacement for 5010_RM

TWIN CYLINDER COMPRESSOR

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