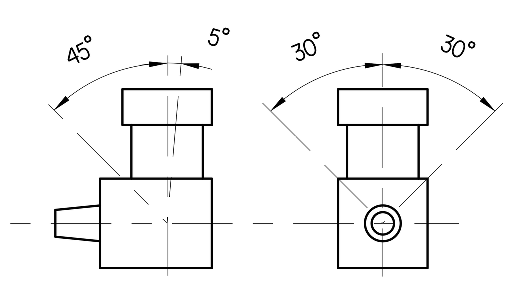
Merkmale nach WICF_C2_0008
Characteristics acc. to WICF_C2_0008
C 0(0) | S 0(0)

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	14 bar ⟨5⟩
MAX. PRESSURE (TEMPORARILY MAX. 4 SEC.)	16 bar ⟨5⟩
LUBRICATION SUPPLIED FROM ENGINE	

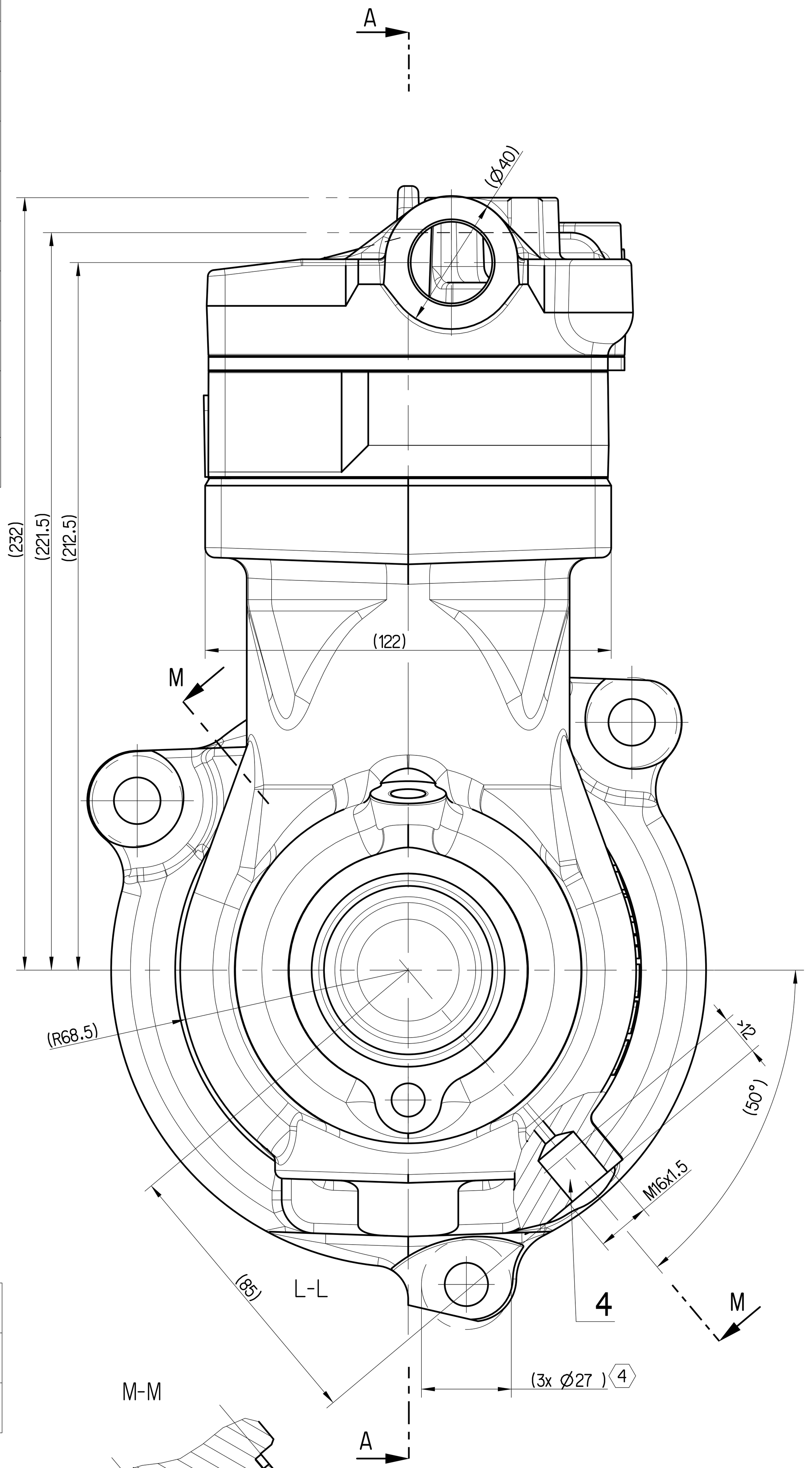
⟨5⟩ MEASURING POINT: DISCHARGE PORT

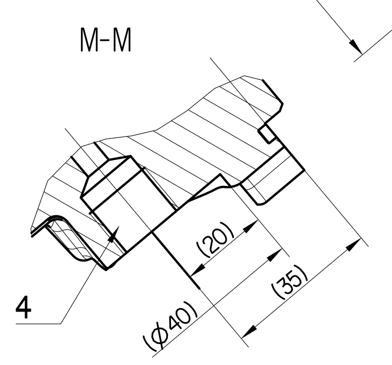
MAX. PERMISSIBLE TILT DURING CONTINUOUS WORKING

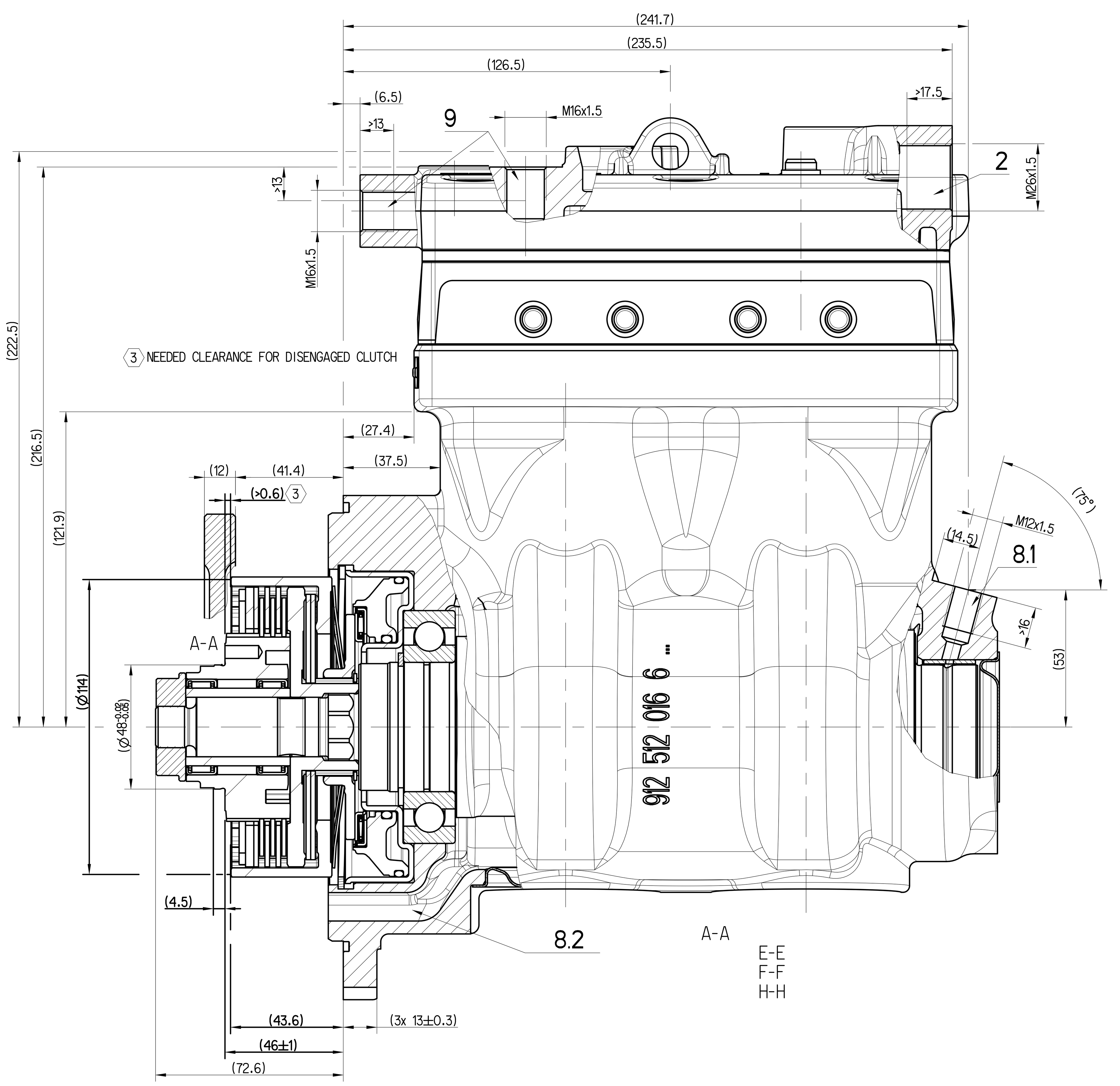


0	SUCTION PORT	
2	DISCHARGE PORT	M <= 150 Nm
4	CLUTCH CONTROL PORT	M <= 35 Nm
8.1	OIL SUPPLY	M <= 25 Nm
8.2	OIL DRAIN	
9	COOLANT CONNECTION	M <= 35 Nm

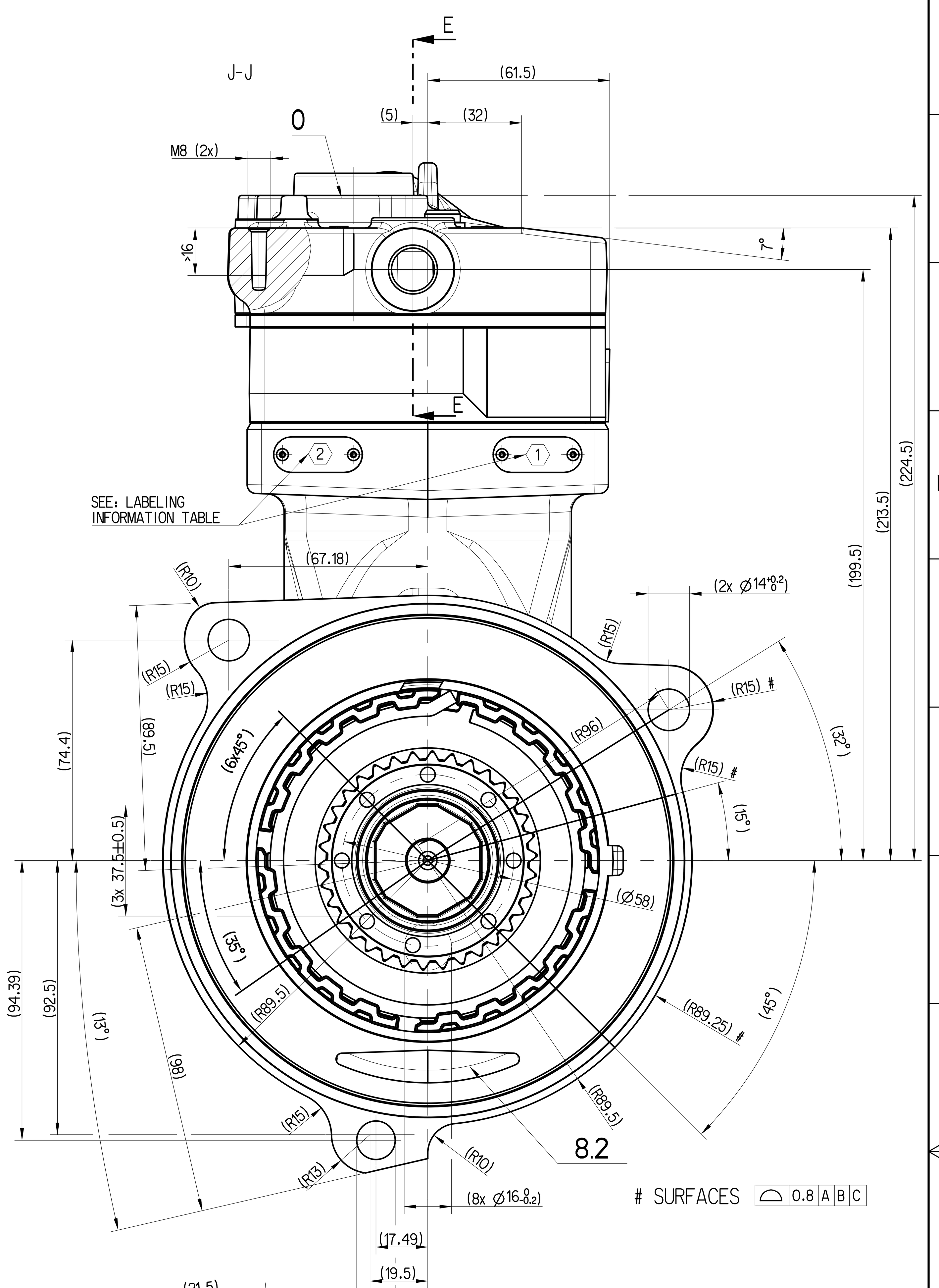
CLUTCH ACTUATION PRESSURE	6.5 bar
PRESSURE BUILD-UP TIME	0,5 -> 5 bar < 0,9 sec
VENTING TIME	5 -> 0,5 bar < 0,9 sec



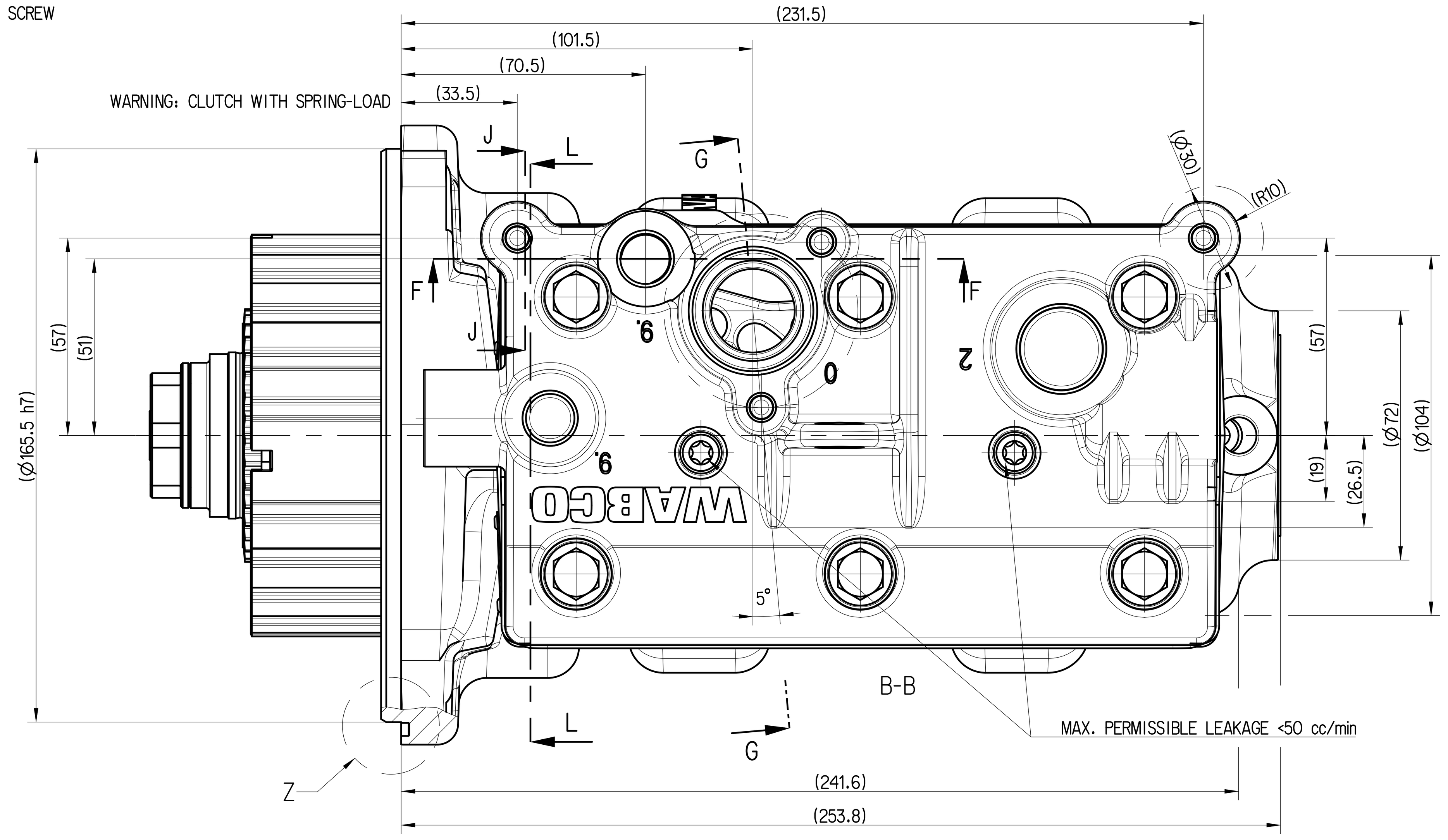




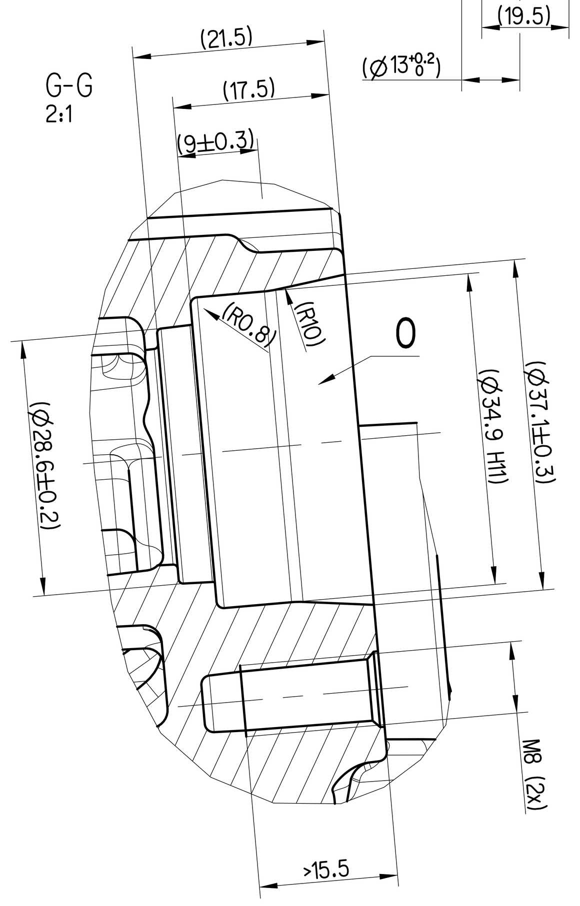
⟨4⟩ CLEARANCE SURFACE FOR MOUNTING SCREW

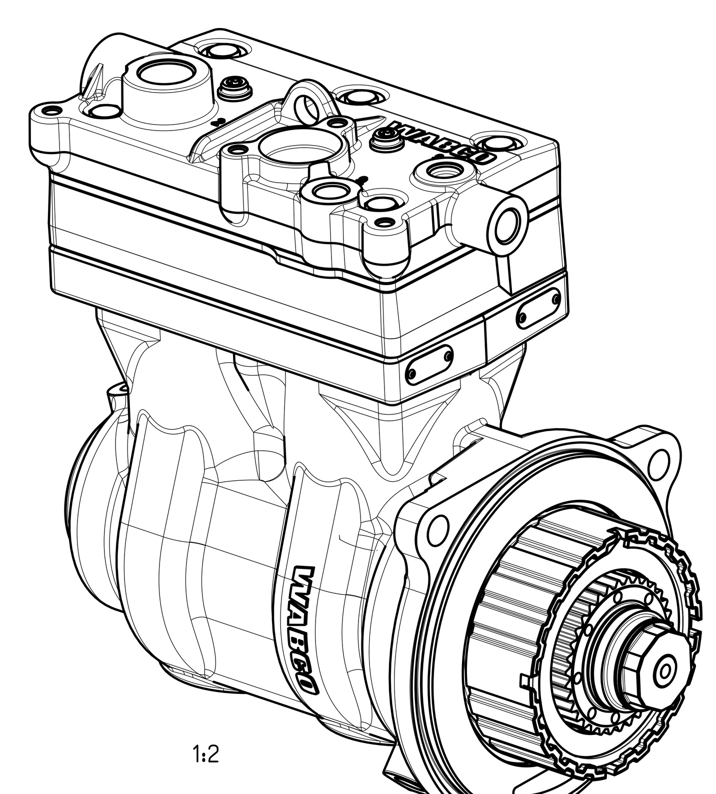


SURFACES ⌓ 0.8 A B C

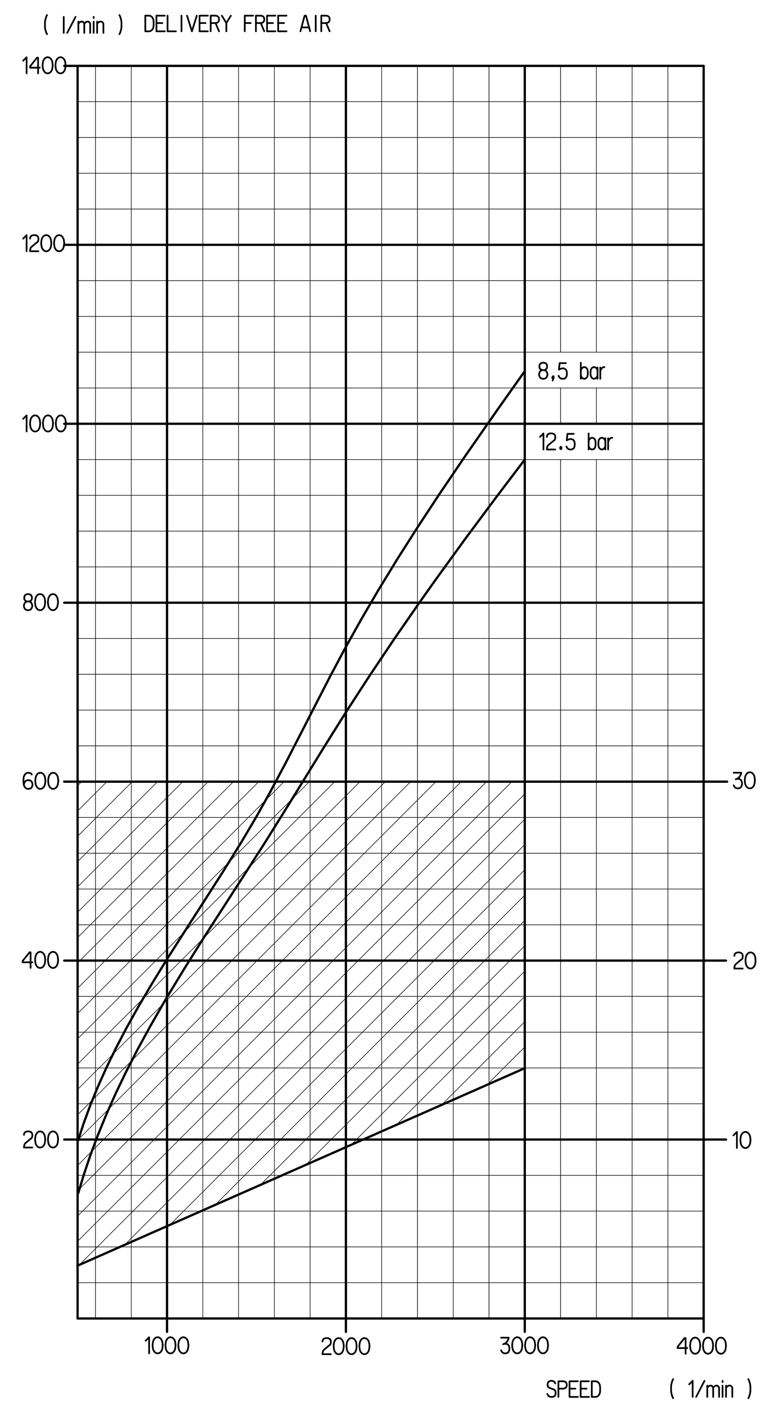


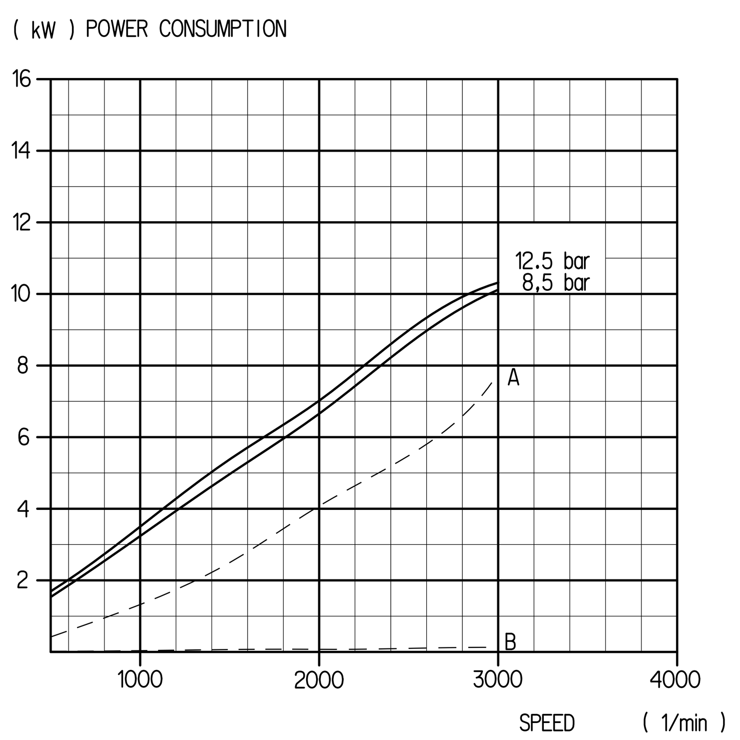
MAX. PERMISSIBLE LEAKAGE <50 cc/min




1:2

DIGITAL SHAPE MODEL IS BASIS WHERE DIMENSIONS ARE OMITTED



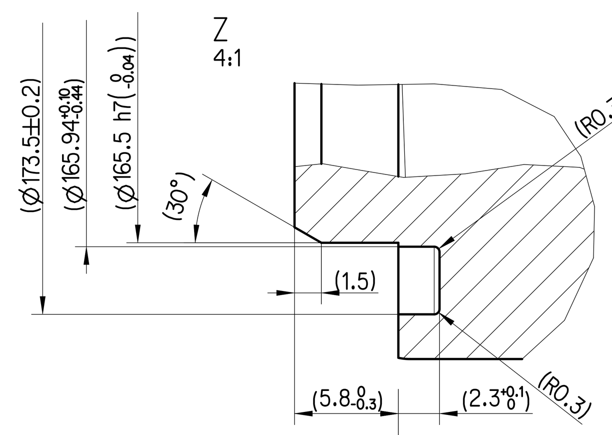


– – – – OFF LOAD

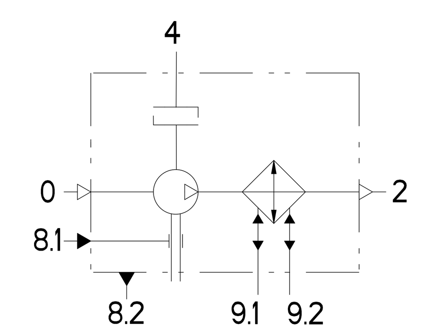
A) COMBINED UNLOADER

B) CLUTCH OPERATED (OILTEMPERATURE 100°C ; OILPRESSURE 4 bar)

(OFF LOAD TEST-NO. K60/12 ; ON LOAD TEST-NO. K17/13)



Ø34.9 H11	+0.16	0
Ø165.5 h7	0	-0.4



** ALSO VALID FOR PRI: 037, 003, 105

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
	⟨2⟩	899 052 930 4 (NOT APPLICABLE FOR IAM)	PARMA CODE: KRAKÓW (POLAND): 55052; VOLVO NUMBER: 85040329

General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP
Further Technical Data: 912 512 033 R
Doc. Code: 035 | Sheet: 1 To 8

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	

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

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Date	Signature	
2026-03-27	Matyja	Drawn
2026-03-30	S□obodzian	Checked

TWIN CYLINDER COMPRESSOR

Dimensions in mm

Mass	Scale	Material No.	Date of first issue: 2017-09-27
23.954 kg	1:1	912 512 033 R	Doc.Code 005 / Language EN / Sheet 1/1
Size A 0	CAD System CREO	ECN-No. 517486 / Revision 1x F / Techn. Resp. 5020_RM	Replacement for -

100mm