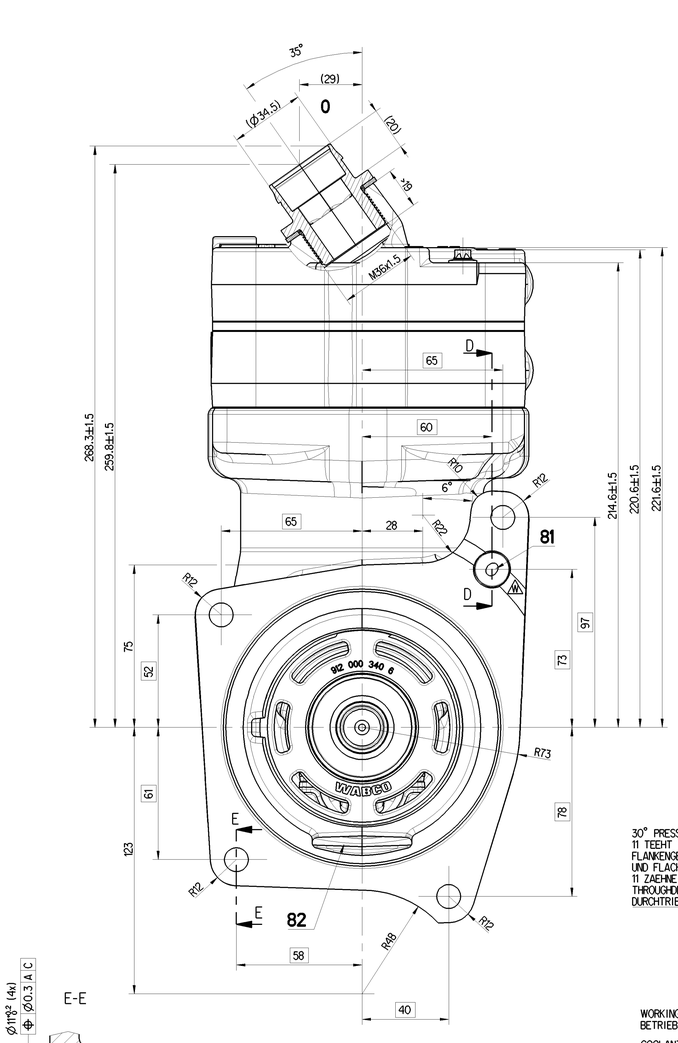
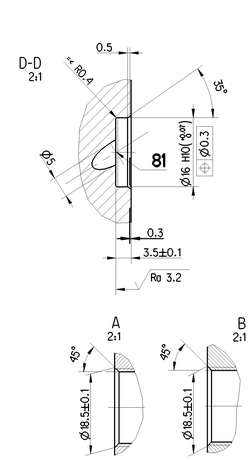
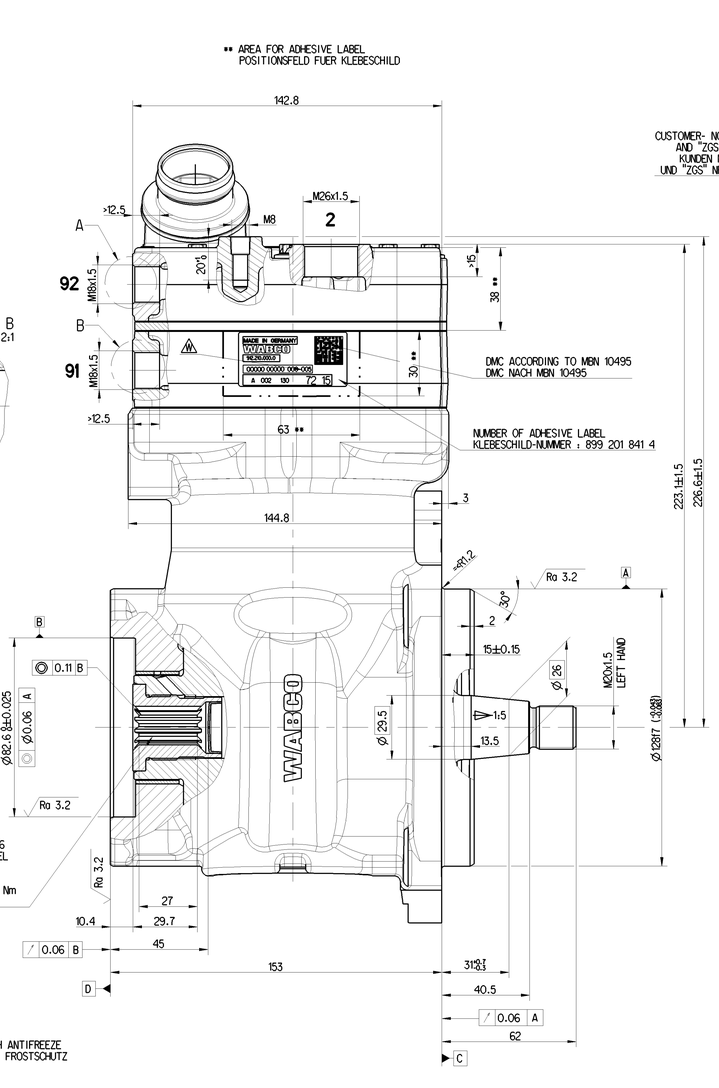
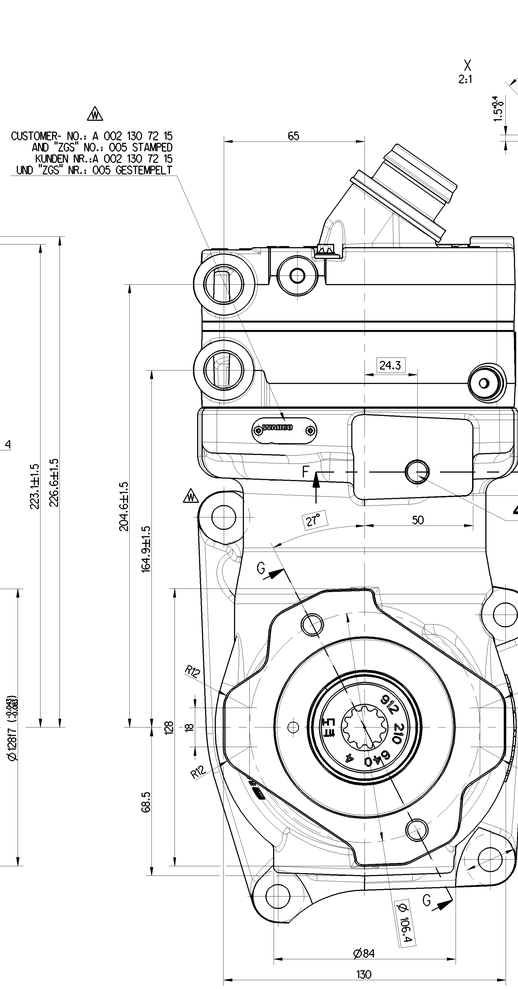
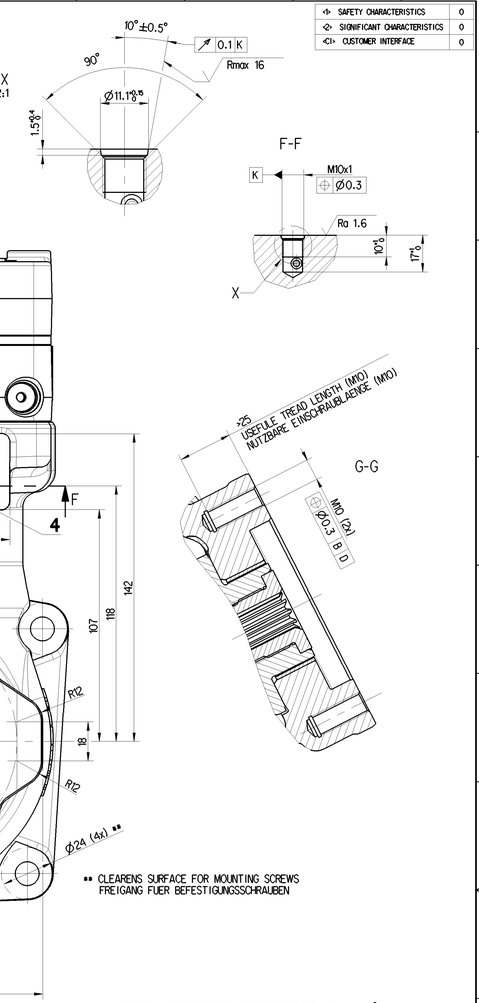
◇1◇ SAFETY CHARACTERISTICS	0
◇2◇ SIGNIFICANT CHARACTERISTICS	0
◇C1◇ CUSTOMER INTERFACE	0



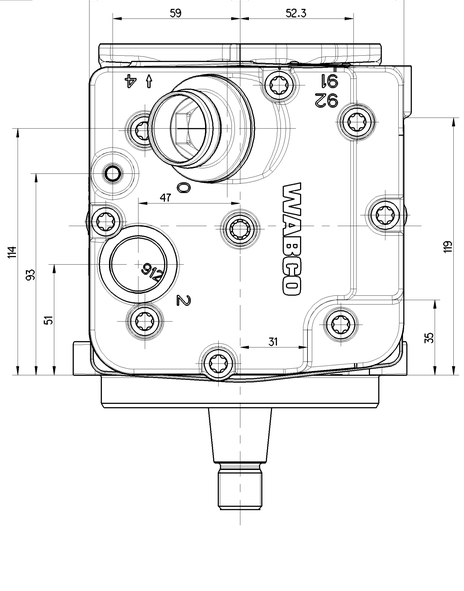








** CLEARENS SURFACE FOR MOUNTING SCREWS
FREIGANG FUER BEFESTIGUNGSSCHRAUBEN



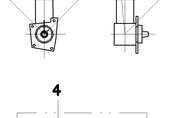
WORKING MEDIUM BETRIEBSMEDIUM :	AIR LUFT
COOLANT KUEHLMEDIUM :	WATER WITH ANTIFREEZE WASSER MIT FROSTSCHUTZ
BORE BOHRUNG :	Ø 100 mm
STROKE HUB :	50mm
SWEPT VOLUME HUBRAUM :	393 cm^3
MAX. COMPRESSOR SPEED MAX. KOMPRESSORDREHZAHL :	n_{max} = 3500 min^{-1}
MAX. PERMISSIBLE COMPRESSOR SPEED (TEMPORARILY < 4 Sec.) MAX. ZULAESSIGE KOMPRESSORDREHZAHL (KURZZEITIG < 4 Sek.) :	n_{ue} = 4330 min^{-1}
MAX. WORKING PRESSURE MAX. BETRIEBSDRUCK :	p_e = 12.5 bar (18 bar. REDUCED LIFETIME)

LUBRICATION : LUBRICATION SUPPLIED FROM ENGINE
SCHMIERART : UMLAUFSCHMIERUNG MIT DRUCKOELANSCHLUSS

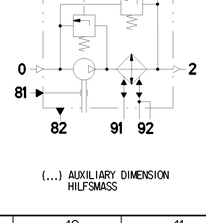
CRANKCASE: SURFACE PROTECTION
KURBELGEHAEUSE: OBERFLAECHENSCHUTZ JED-069M1

OPENING PRESSURE SAFTY VALVE:
OEFFNUNGSDRUCK SICHERHEITSVENTIL: 24±3 bar

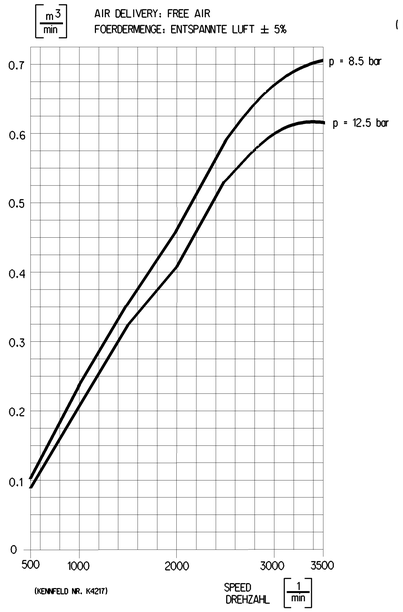
MAX. PERMISSIBLE TILT DURING CONTINUOUS WORKING
MAX. ZULAESSIGE NEIGUNG IM DAUERBETRIEB :

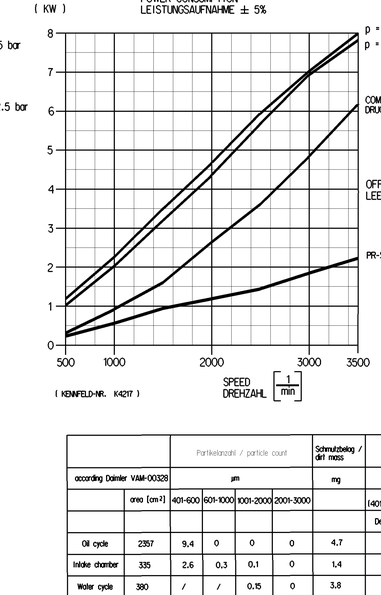


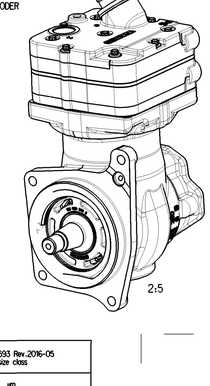
- 0 = INLET PORT / SAUGANSCHLUSS M : NORMAQUICK V2
- 2 = DISCHARGE PORT / DRUCKANSCHLUSS M : < 100 Nm
- 4 = GOVERNOR PORT / STEUERANSCHLUSS M : < 25 Nm
- 81 = OIL SUPPLY / DRUCKOELANSCHLUSS
- 82 = OIL DRAIN / OELRUECKLAUF
- 91 = COOLANT CONNECTION / KUEHLMITTELANSCHLUSS M : < 45 Nm
- 91 ⇄ 92 DIRECTIONS OF FLOW / DURCHSTROEMRICHTUNGEN

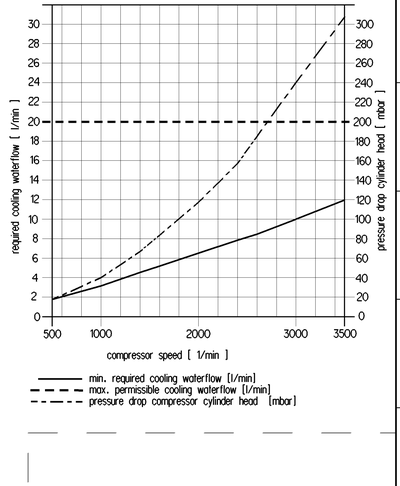


(...) AUXILIARY DIMENSION
HILFSMASS









	Particle count				Schmutzbelag / dirt mass	ZF JED-593 Rev.2016-05 Particle size class		
according Daimler VAM-00328	µm				mg	µm		
	area [cm²]	401-600	601-1000	1001-2000	2001-3000		I (401-600)	J (601-1000)	K (> 1000)
							Degrees of contamination / 1000cm²		
Oil cycle	2357	9,4	0	0	0	4,7	3	0	0
Intake chamber	335	2,6	0,3	0,1	0	1,4	3	0	0
Water cycle	380	/	/	0,15	0	3,8	/	/	0
Outside	1896	/	/	0,76	0	19	/	/	0

General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP
Further Technical Data: 912 210 000 0
Doc. Code: 035 Sheets: 1/5 To 5/5
General Tolerances JED-261

Class	11	Range of nominal dimensions in mm: < 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

±3°
Tapped Holes acc.: •••
11 Tolerance Class Applied Crossmarked

Copyright ZF

Date	Signature
Drawn 2023-05-09	Pretsch
Checked 2023-05-11	Joeger

ONE CYLINDER COMPRESSOR

Dimensions in mm
Mass: 16.131 kg | Scale: 1:1 | Material No.: 912 210 000 0 | Date of first issue: 2010-10-05
Size: A0 | CAD System: CREO | Doc.Code: 005 | Language: DE | Sheet: 1/1
ECN-No.: 513947 | Revision: 4 x W | Techn. Resp.: 5000 | Replacement for: 884 014 664 0

Diese Zeichnung ist geistiges Eigentum der ZF Friedrichshafen AG. Jede Vervielfältigung, Weitergabe an Dritte oder Verwertung ihres Inhalts ohne unsere ausdrückliche Genehmigung ist verboten. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte vorbehalten.
This drawing is the property of ZF Friedrichshafen AG. Any unauthorized reproduction, disclosure to third parties or commercial exploitation of its contents is prohibited. Offenders will be liable for damages. All rights reserved.
Ce dessin est la propriété de ZF Friedrichshafen AG. Toute reproduction, communication à des tiers ou exploitation de son contenu sans notre autorisation expresse est interdite. Les contrevenants sont tenus à réparation. Tous droits réservés.