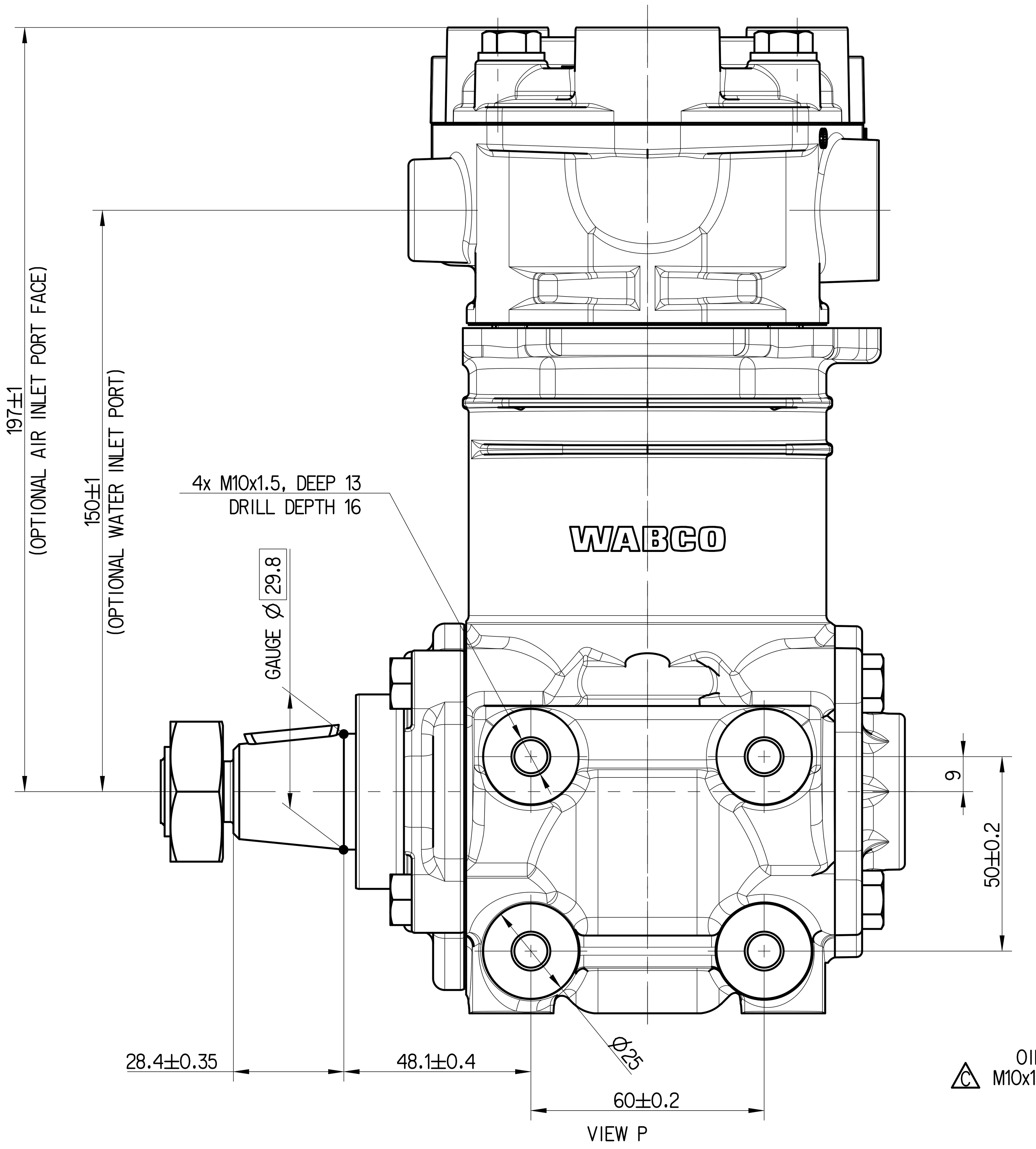
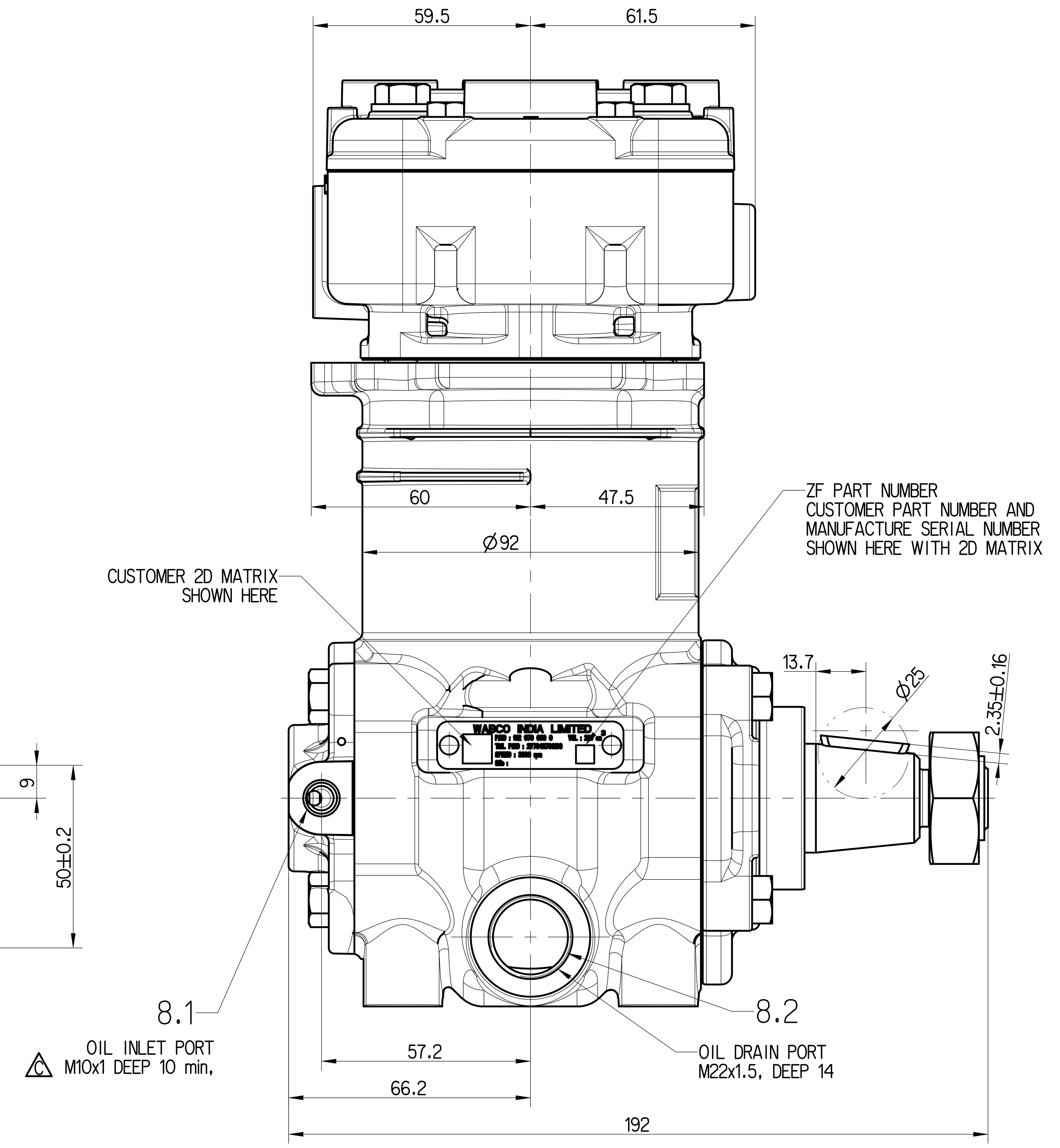
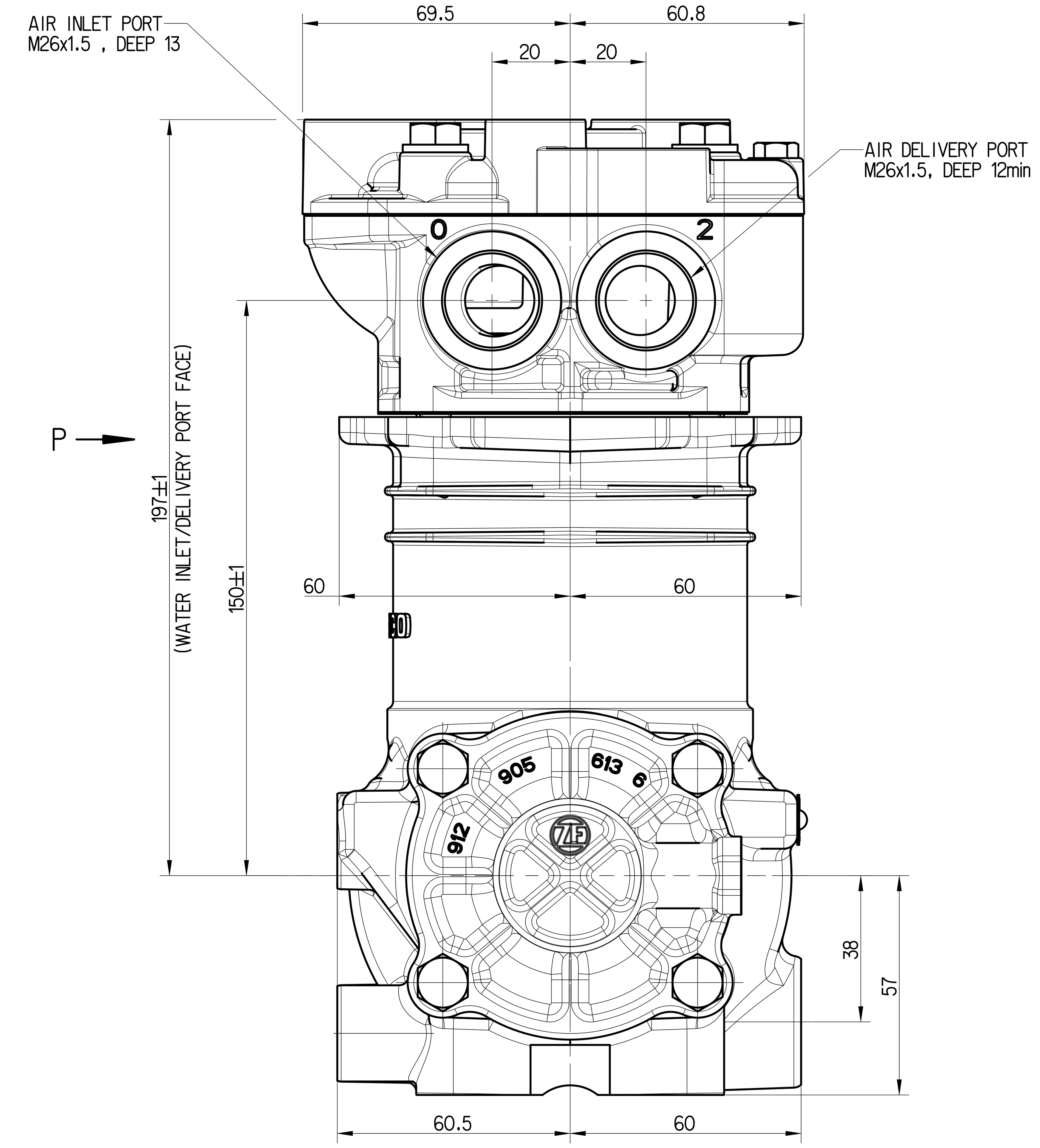
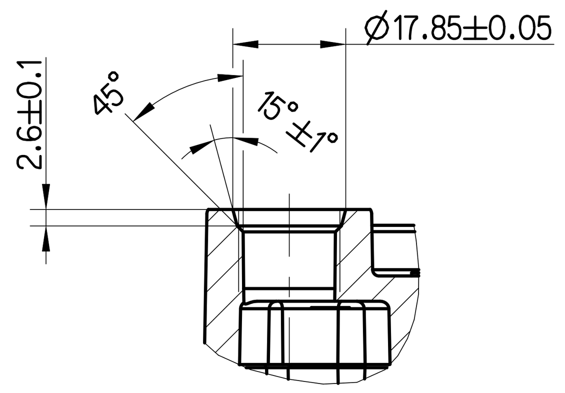


VIEW P







K-K
WATER PORT DETAILS
AS PER SAE J2244/1

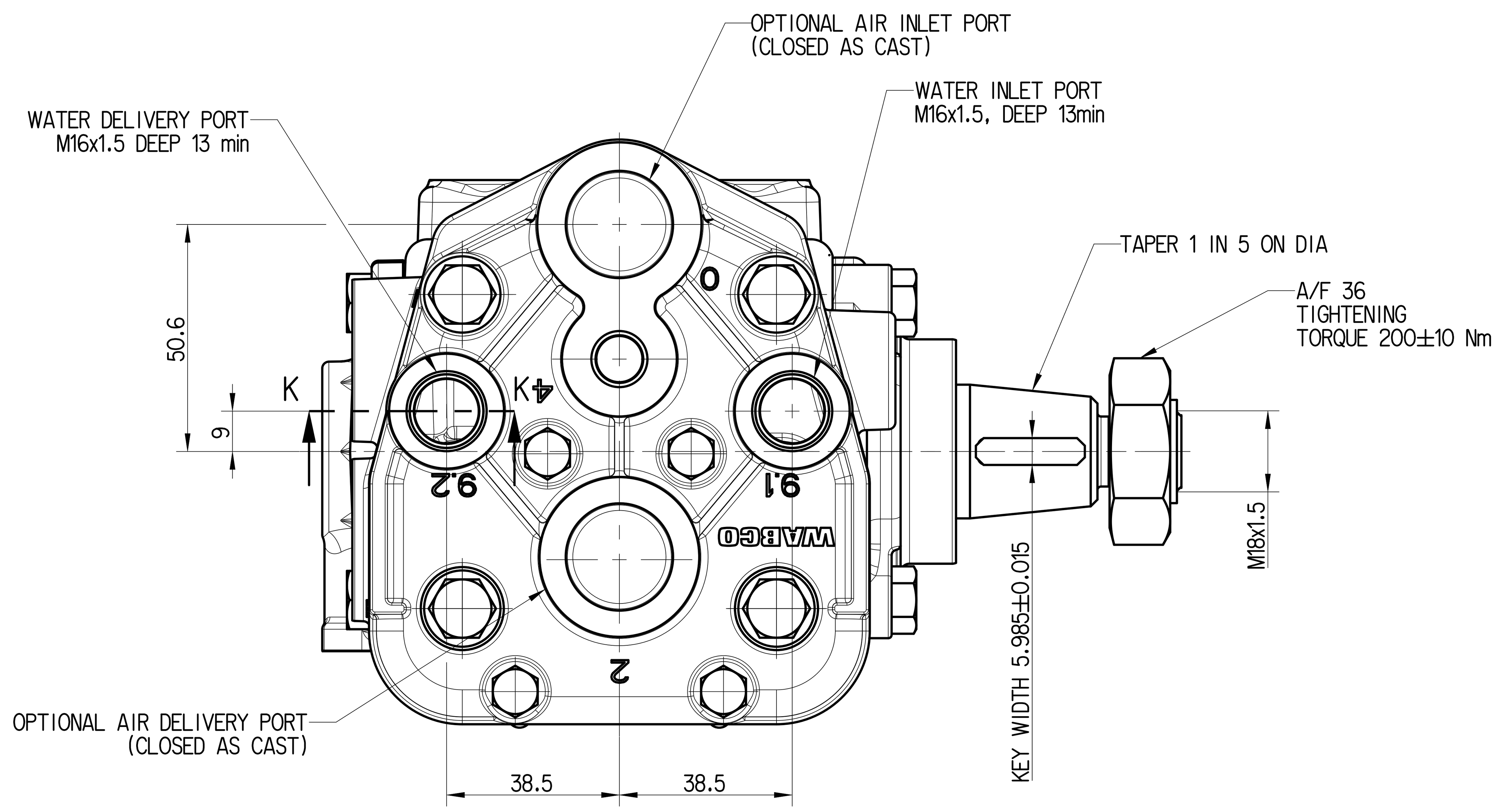
BORE DIAMETER	80 mm
STROKE	46 mm
DISPLACEMENT	230 cm ^{3}
MAXIMUM SPEED	3000 r/min
MAXIMUM SPEED (SHORT DURATION)	3900 r/min
AXIAL PLAY	0.25±0.20 mm
NORMAL WORKING PRESSURE	10.5 bar
MAXIMUM PRESSURE AT DISCHARGE PORT	12.5 bar
PAINT COLOUR	BLACK

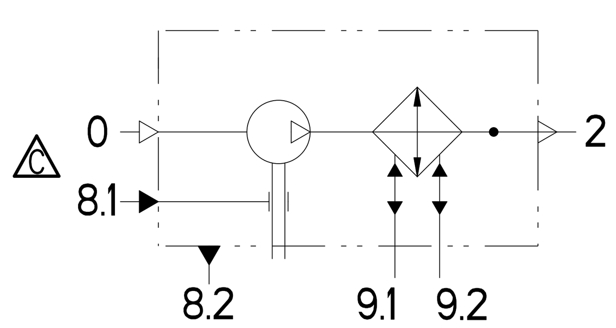
OPEN PORTS ARE FITTED WITH CLOSURE PLUGS FOR STORAGE AND TRANSIT PURPOSES.

EXPOSED MACHINED CAST IRON / STEEL SURFACES ARE PROTECTED WITH RUST PREVENTION OIL.

PORT TORQUE DETAILS

NOTATION	DESCRIPTION	SIZE	TORQUE (Nm)
0	SUCTION PORT	M26x1.5	60±7
2	DISCHARGE PORT	M26x1.5	60±7
8.1	OIL INLET PORT	M10x1	11.5±1.5
8.2	OIL DRAIN PORT	M22x1.5	48±5
9.1	COOLANT INLET PORT	M16x1.5	31±3
9.2	COOLANT DELIVERY PORT	M16x1.5	31±3





General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP						
Further Technical Data: 912 970 009 0						
Doc. Code: 035			Sheet: 1 To 7			
General Tolerances JED-261						
Class 1)		Range of nominal dimensions in mm ≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400	∢
Fine		±0.5	±1	±1.5	±2	±3°
Medium	X	±1	±2	±3	±4	
Coarse		±2	±3.5	±5	±6.5	
Tapped Holes acc. JED-152						
1) Tolerance Class Applied Crossmarked						

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Date	Signature
Drawn	
2025-07-01	Gopal
Checked	
2025-07-02	Sureshkumar

Dimensions in mm

SINGLE CYLINDER COMPRESSOR

Mass	Scale	Material No.	Date of first issue: -		
7.150 kg	1:1	912 970 009 0	Doc.Code 005	Language EN	Sheet 1/1
Size A 1	CAD System CREO	ECN-No. 520316	Revision 4x C	Techn. Resp. 5000	Replacement for M101450 / Rev.1

100mm

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