

**NOTE!** The above characteristics are for open-inlet-valve control system at minimum cooling requirements and at ambient temperature +20°C

**DEFINITIONS:** CC=CT+CL - period of average operating cycle

$UC = \frac{CT}{CC} \times 100\%$  - percent ratio of compressor full load operating time in average operating cycle (also called percent duty cycle)

CL - compressor no-load operating time (exhaust to the atmosphere)

CT - compressor full load operating time

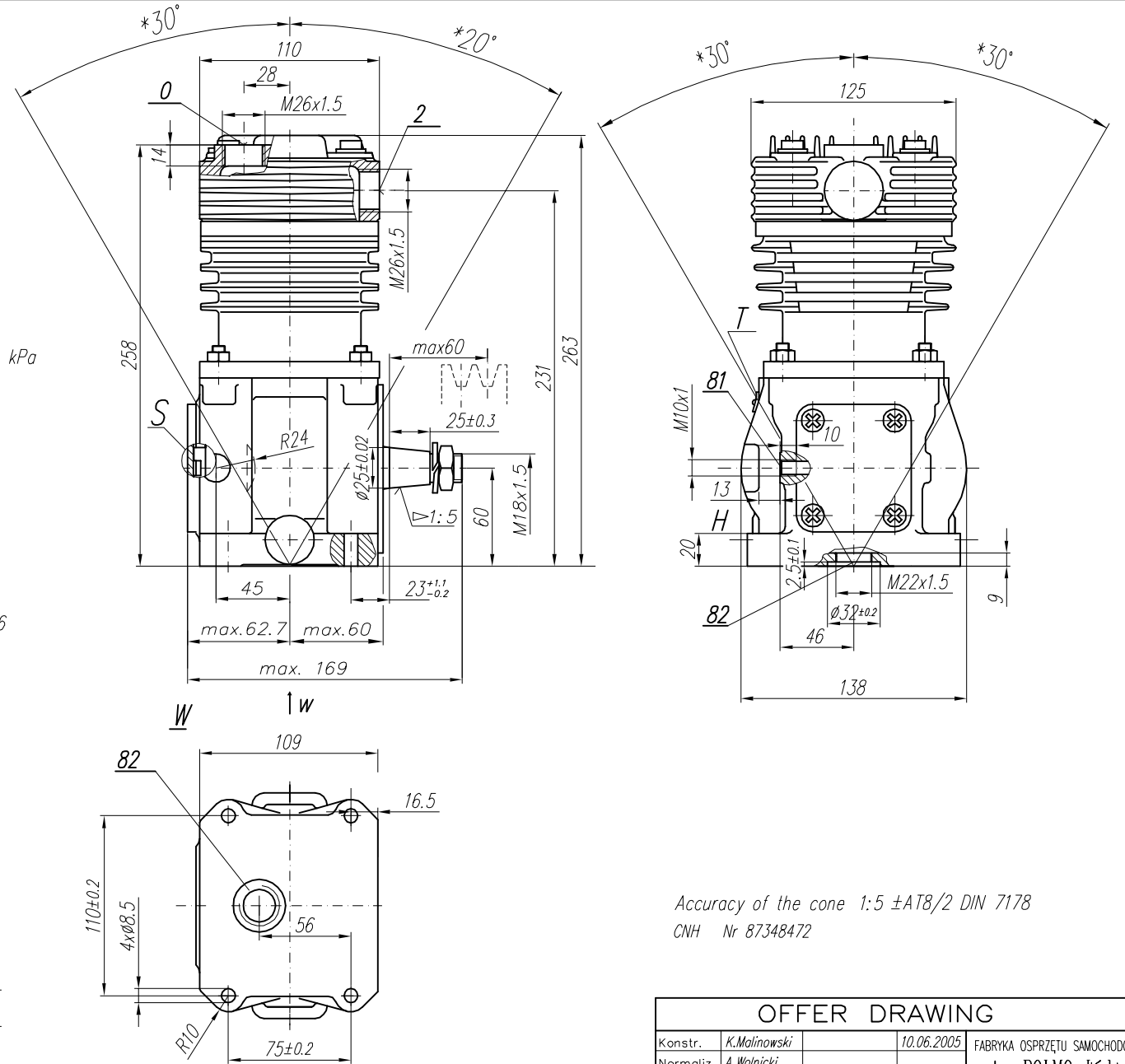
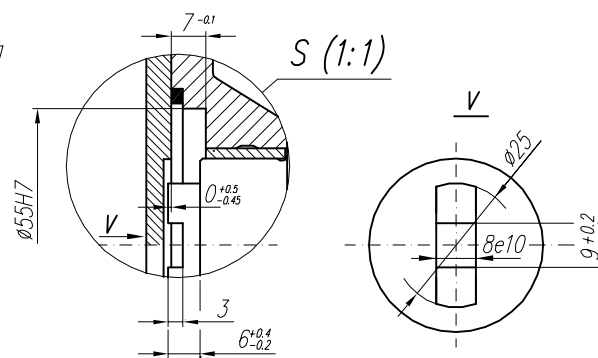
**TECHNICAL DATA:**

Number of cylinders 1  
 Cylinder diameter 75 mm  
 Piston stroke 36 mm  
 Total piston displacement 159 cm<sup>3</sup>  
 Mass 10 kg  
 Working pressure 1000 kPa  
 Max. pressure for short time duty 1100 kPa  
 Max. allowable temp. of compressed air +220 °C  
 Cooling by inflation of air, with the speed of the stream min. 6 m/s  
 Lubrication forced circulation, splash lubrication  
 min. pressure of oil 300±200 kPa  
 (The pressure drop down is allowed to min. 60 kPa during the idle running of the heated up engine)

**SYMBOLS DESCRIPTION:**

0 - suction connection  
 2 - discharge connection  
 81 - lubricating oil inlet  
 82 - lubricating oil outlet and crankcase breathing

Numeral signs according to International Standard ISO-6786  
 T - rating plate  
 \* - max. angular deflection of the compressor



Accuracy of the cone 1:5 ±AT8/2 DIN 7178  
 CNH Nr 87348472

CLASS	GENERAL TOLERANCES				FORCE, POWER PRESSURE ETC.
	RANGE OF NOMINAL DIMENSIONS (±)MM				
II	≤50	>50 ≤180	>180 ≤400	≥400	±3* ±10 %
	1.0	2.0	3.0	4.0	

OFFER DRAWING			
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Normaliz.	A. Wołnicki		POLMO-KÓDZ S.A. Dział Konstrukcji
Sprawdzit	A. Wołnicki		
Zatwierdził	A. Wołnicki		
Podziałka	Nazwa		
1:2.5	Compressor 601.09.955		