

**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

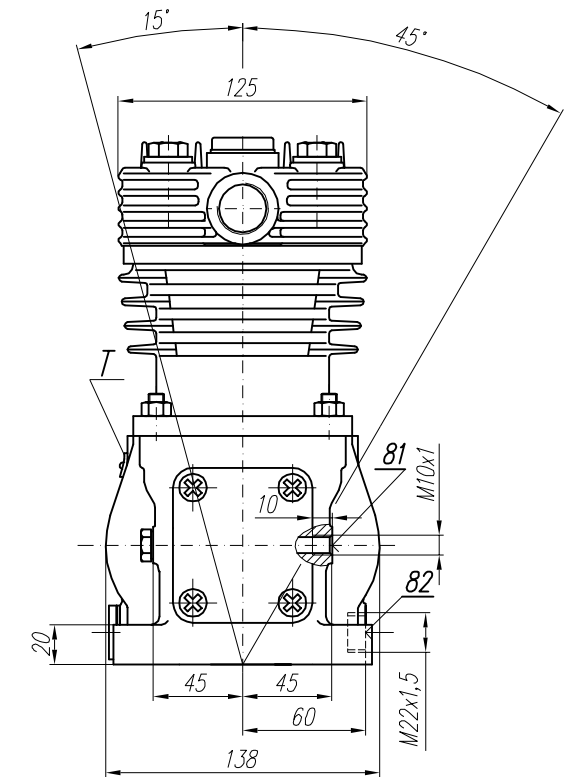
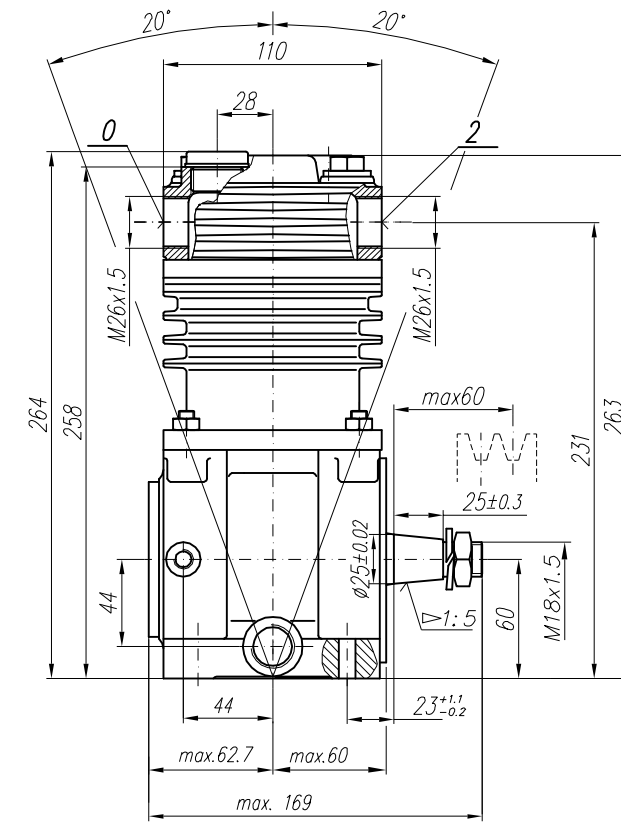
**TECHNICAL DATA:**

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  
Substitutional WABCO 411.141.503.0

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

OFFER DRAWING			
Konstr.	K.Malinowski	02.11.2004	FABRYKA OSPRZĘTU SAMOCHODOWEGO
Normaliz.	A.Walnicki		POLMO-KÓDZ S.A. Dział Konstrukcji
Sprawdzit	W.Lesiak		
Zatwierdził	W.Lesiak		
Podziałka	Nazwa	1:2.5 Compressor 601.09.954	