

**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

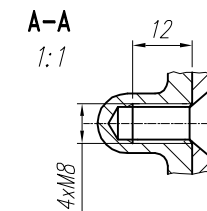
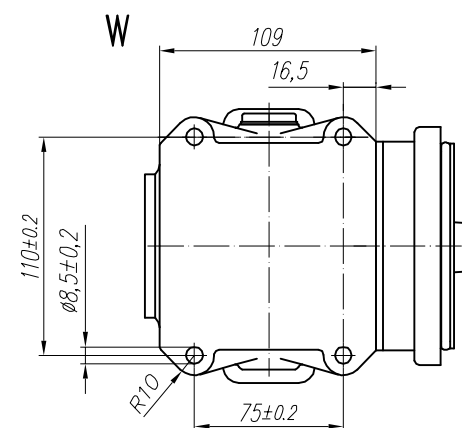
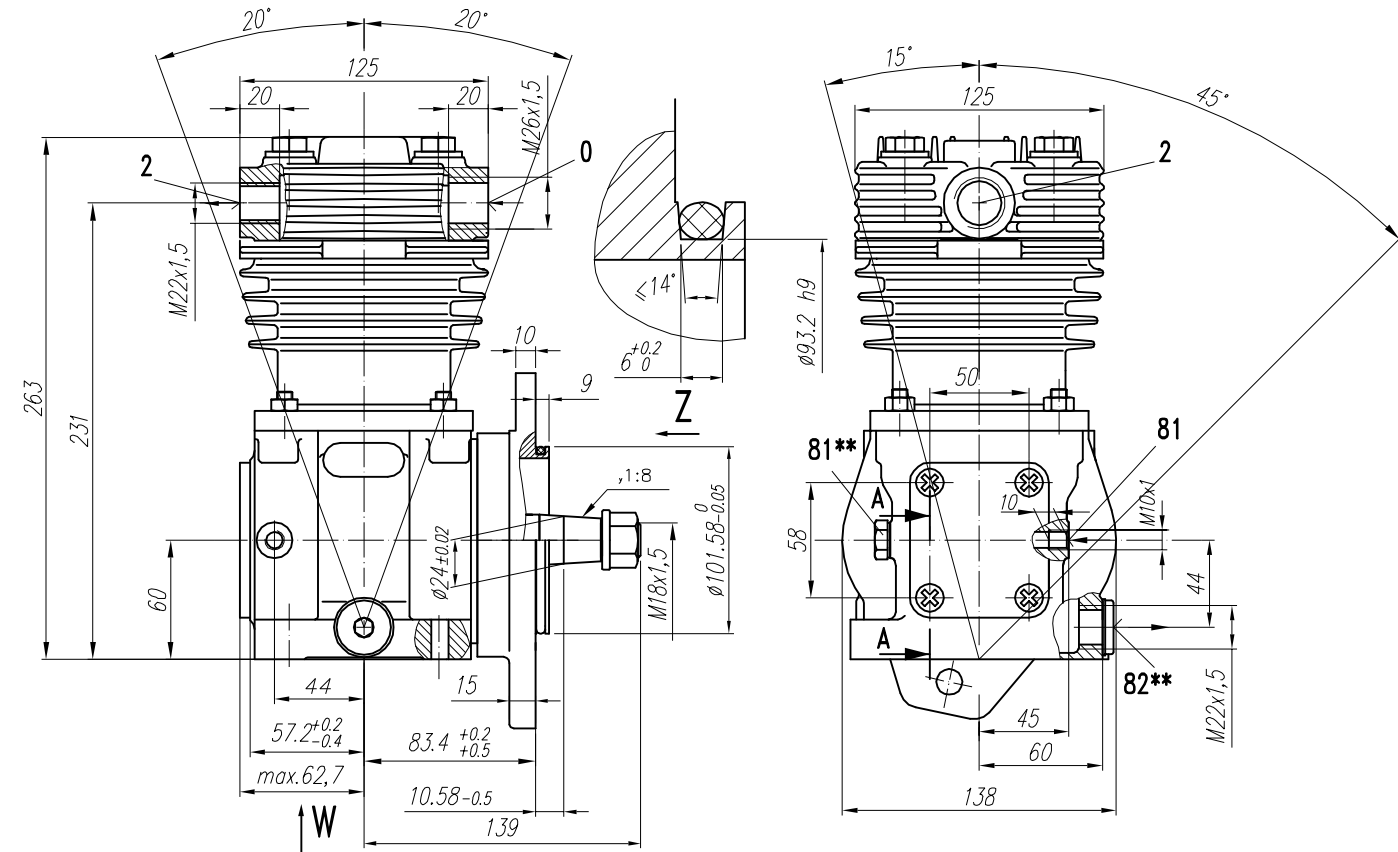
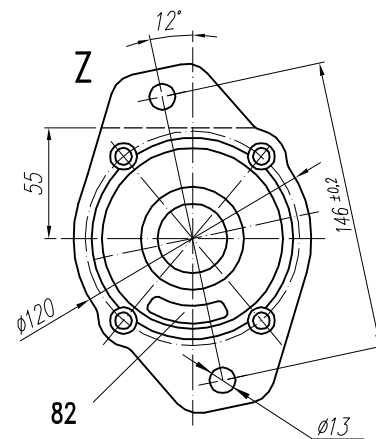
**TECHNICAL DATA:**

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 800 kPa  
 Max. pressure for short time duty 1000 kPa  
 Max. allowable temp. of compressed air +220 °C  
 Cooling by inflation of air, with the speed of the stream min. 4 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 (on the head signifying "S")  
 2 - discharge connection (on the head signifying "D")  
 81 - lubricating oil inlet  
 82 - lubricating oil outlet and crankcase breathing  
 Numeral signs according to International Standard ISO-6786

\* - max. angular deflection of the compressor  
 \*\* stopped with plug



Accuracy of the cone +A7 - DIN 7178

OFFER DRAWING			
Konstr.	K. Malinowski	23.03.2007	FABRYKA OSPRZĘTU SAMOCHODOWEGO
Normaliz.	A. Wołnicki		POLMO-Łódź S.A. Dział Konstrukcji
Sprawdzit	A. Wołnicki		
Zatwierdził	A. Wołnicki		
Podziałka	Nazwa	1:2,5 Compressor 601.09.959	