

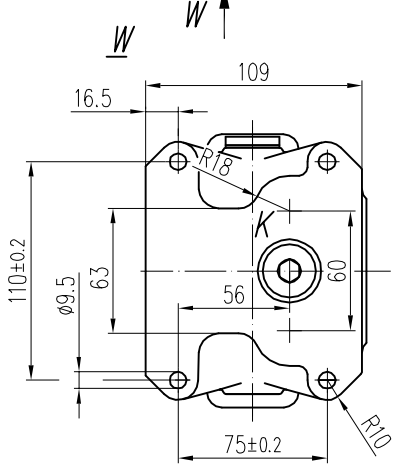
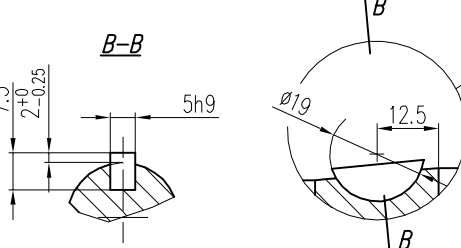
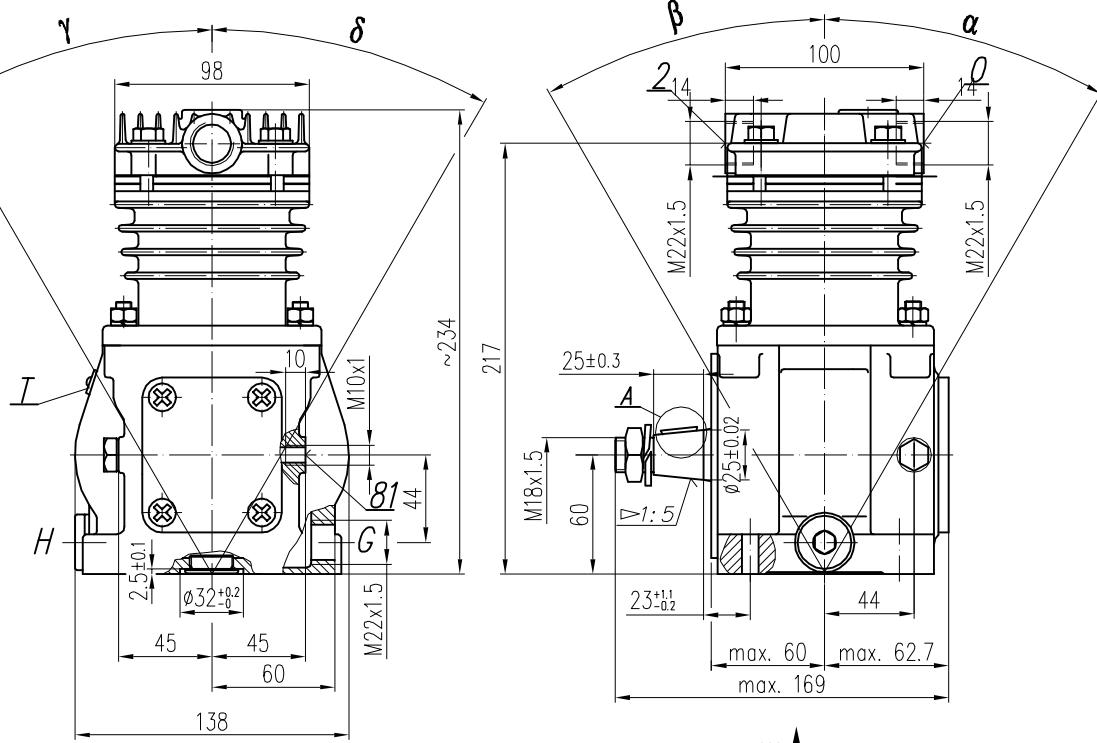
**TECHNICAL DATA:**

Number of cylinders	1
Cylinder diameter	60 mm
Piston stroke	36 mm
Total piston displacement	100 cm³
Mass	8,4 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. during the idle running of the heated up engine)	60 kPa
Normal speed	max. 3000 1/min
Max. speed, temporary	3300 1/min

**SYMBOLS DESCRIPTION:**

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

Digital marking according to International Standard ISO-6786  
 \*-max. angular tilt of the compressor  
 T-Datum plate  
 \*\* - Stoped by plug  
 α, β, δ, γ- max. angular deflection of the compressor



Compressor variants	
Scheme	Variant number
	601.35.901 601.35.911* 601.35.921**
	601.35.902 601.35.912* 601.35.922**
	601.35.903 601.35.913* 601.35.923**
	601.35.904 601.35.914* 601.35.924**

Variant nr without \* - 82 at the bottom, 81 position X  
 Variant nr with \* - 82 and 81 position X  
 Variant nr with \*\* - 82 and 81 position Y

Description  
 Discharge port  
 Suction port

**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

Port 82 position	α	β	γ	δ
G	20°	20°	15°	45°
H	20°	20°	45°	15°
K	20°	20°	30°	30°

GENERAL TOLERANCES				
CLASS	RANGE OF NOMINAL DIMENSIONS (±)MM			
	≤50	>50 ≤180	>180 ≤400	>400
II	1.0	2.0	3.0	4.0

FORCE, POWER PRESSURE ETC. <math>\triangleleft</math> ±3\* ±10 %

OFFER DRAWING			
Konstr.	K.Malinowski	25.02.2010	FABRYKA OSPRZĘTU SAMOCHODOWEGO POLMO-Łódź S.A. FOS Stuzba Rozwoju
Normaliz.	A.Wolnicki		
Sprawdzit	A.Wolnicki		
Zatwierdził	A.Wolnicki		
Podziałka	Nazwa		1:2.5 Compressor 601.35.911