

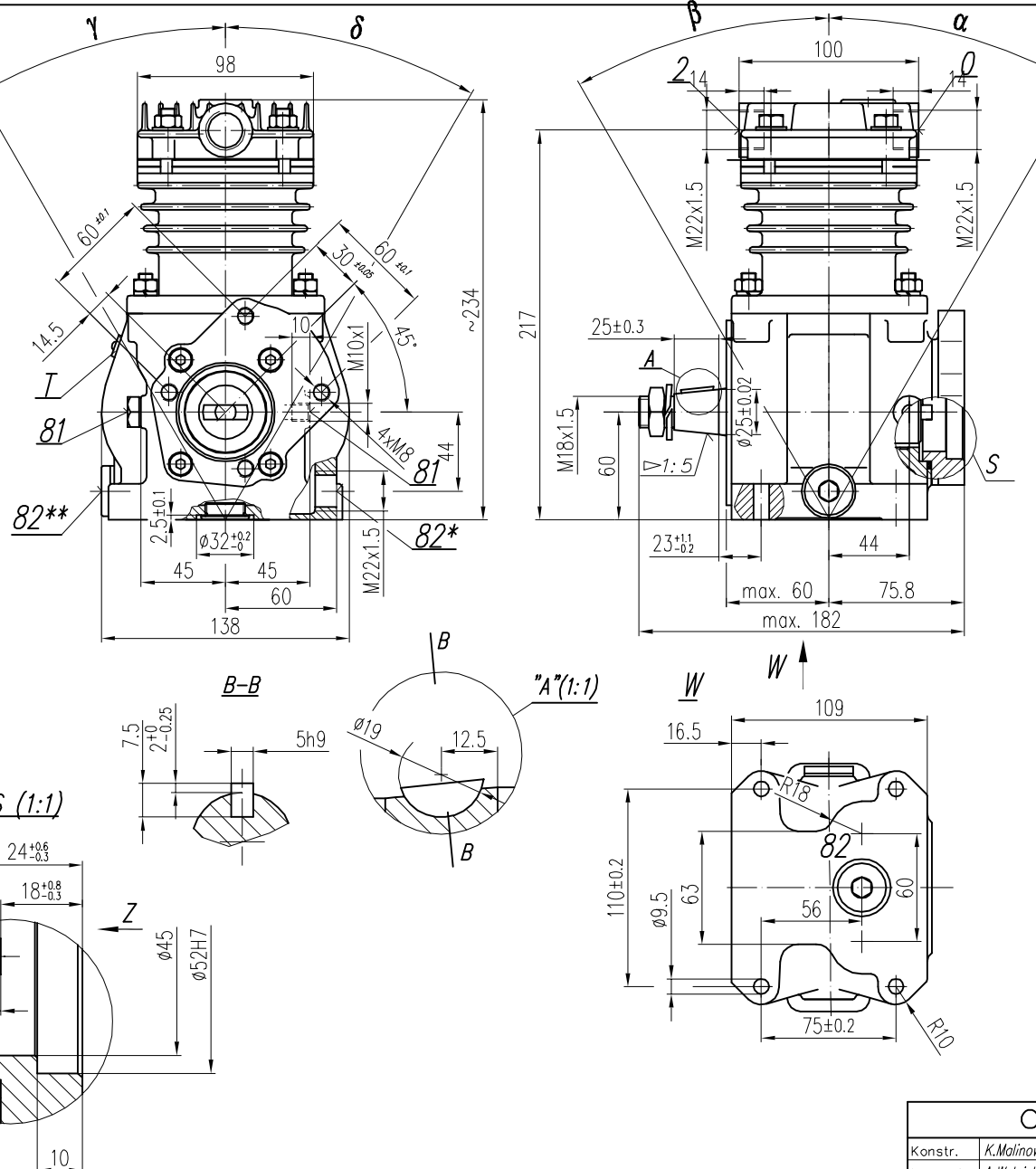
TECHNICAL DATA:

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. 60 kPa during the idle running of the heated up engine)
 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
 ** - Stopped by plug
 α, β, γ, δ - max. angular deflection of the compressor



Compressor variants

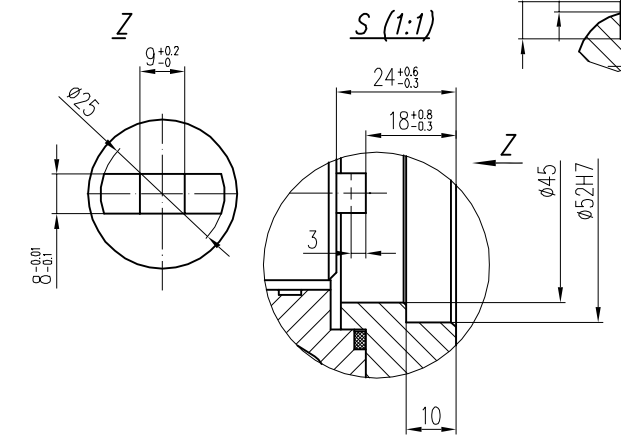
Scheme	Variant number
	601.35.961 601.35.971* 601.35.981**
	601.35.962 601.35.972* 601.35.982**
	601.35.963 601.35.973* 601.35.983**
	601.35.964 601.35.974* 601.35.984**
	601.35.965 601.35.975* 601.35.985**
	601.35.966 601.35.976* 601.35.986**
	601.35.967 601.35.977* 601.35.987**
	601.35.968 601.35.978* 601.35.988**

Description
 Discharge port
 Suction port
 Oil inlet (81)
 Variant nr without * - 82 at the bottom
 Variant nr with * - 82 and 81 on the same side
 Variant nr with ** - 82 and 81 on the opposite side

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



GENERAL TOLERANCES

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	25.02.2010	 FABRYKA OSPRZĘTU SAMOCHODOWEGO POLMO-Łódź S.A. Stuzba Rozwoju
Normaliz.	A.Walnicky		
Sprawdzit	A.Walnicky		
Zatwierdzit	A.Walnicky		
Podziatka	Nazwa		
	1:2.5	Compressor 601.35.971	