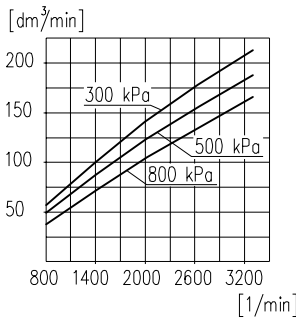
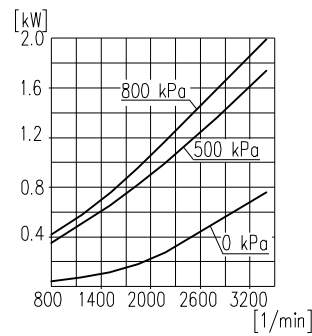


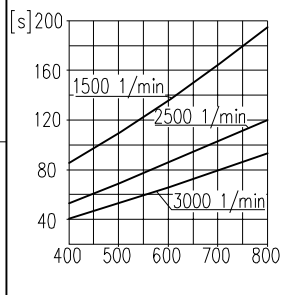
Suction capacity



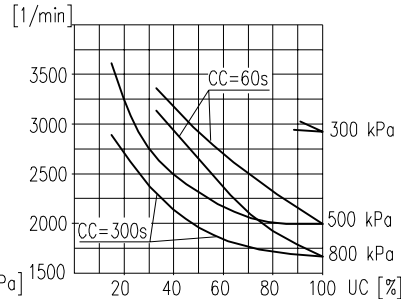
Power consumption



Time to fill a tank of 40dm^3 capacity



Max. r.p.m. for continuous duty



NOTE! The above characteristics are for open-inlet-valve control system at minimum cooling requirements and at ambient temperature $+20^\circ\text{C}$

DEFINITIONS: $\text{CC}=\text{CT}+\text{CL}$ - period of average operating cycle

$\text{UC}=\frac{\text{CT}}{\text{CC}}\times 100\%$ - 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

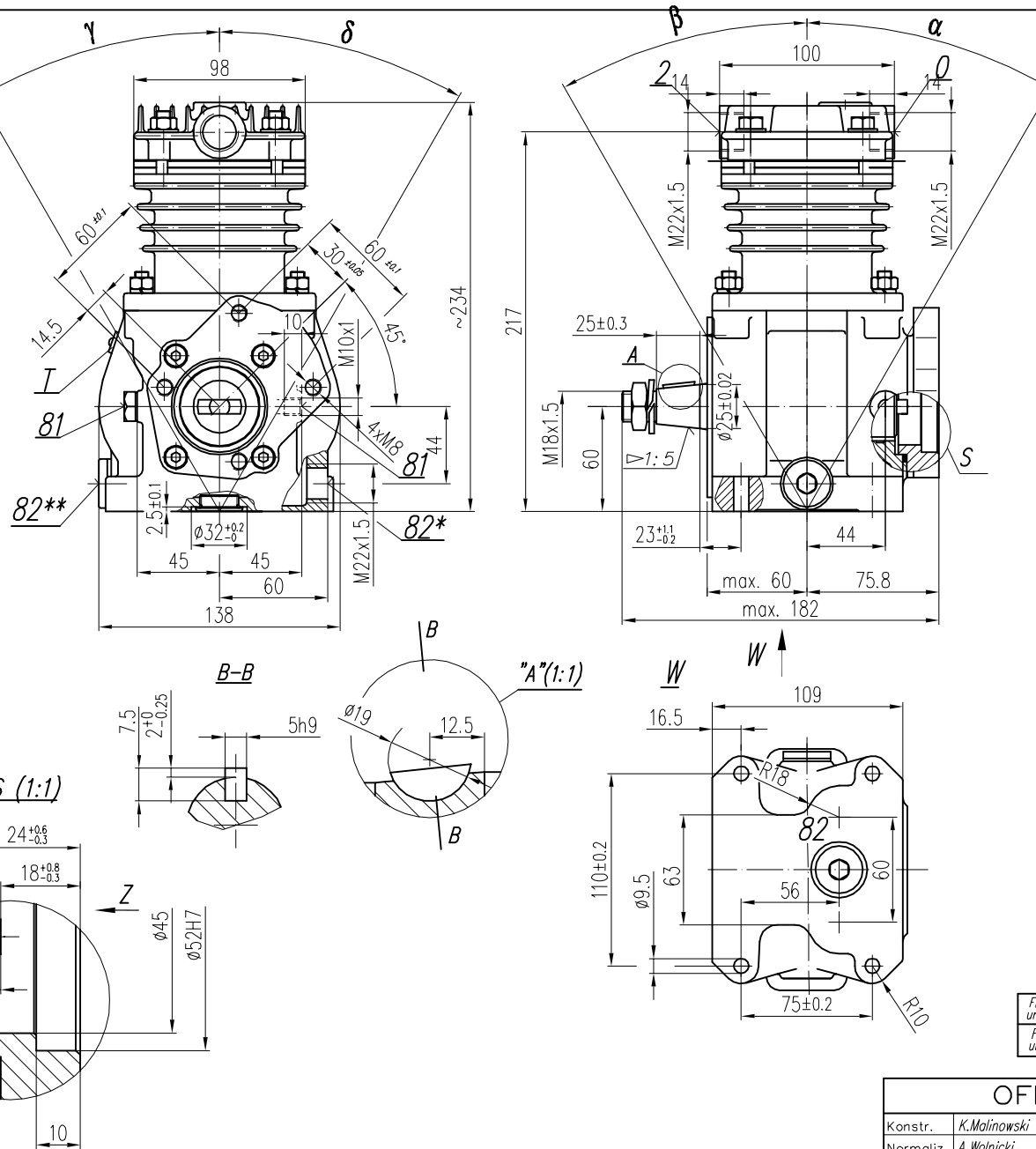
TECHNICAL DATA:

Number of cylinders	1
Cylinder diameter	60 mm
Piston stroke	36 mm
Total piston displacement	100 cm^3
Mass	8,4 kg
Working pressure	800 kPa
Max. pressure for short time duty	1000 kPa
Max. allowable temp. of compressed air	$+220^\circ\text{C}$
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
 ** - Stopped by plug
 $\alpha, \beta, \delta, \gamma$ - 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

Numery	α	β	γ	δ
ohne Stern	20°	20°	30°	30°
Für 601.35.971-974 und 601.35.985-988	20°	20°	15°	45°
Für 601.35.981-984 und 601.35.975-978	20°	20°	45°	15°

CLASS	GENERAL TOLERANCES				FORCE, POWER PRESSURE ETC.
	RANGE OF NOMINAL DIMENSIONS (\pm)MM				
II	≤ 50	> 50 ≤ 180	> 180 ≤ 400	≥ 400	$\pm 3^*$ $\pm 10\%$

OFFER DRAWING

Konstr.	K. Malinowski	25.02.2010	FABRYKA OSPRZĘTU SAMOCHODOWEGO
Normaliz.	A. Wołnicki		POLMO - Łódź S.A. FOS Stuzba Rozwoju
Sprawdzit	A. Wołnicki		
Zatwierdził	A. Wołnicki		
Podziatka	Nazwa	1:2.5 Compressor 601.35.971	