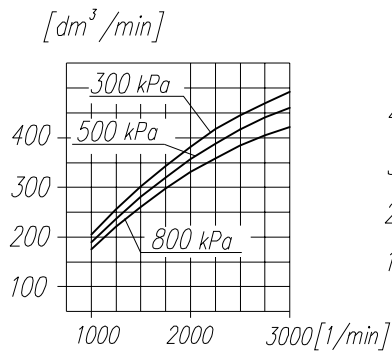
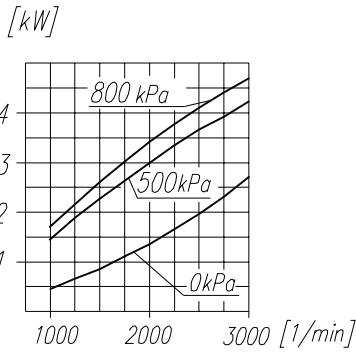


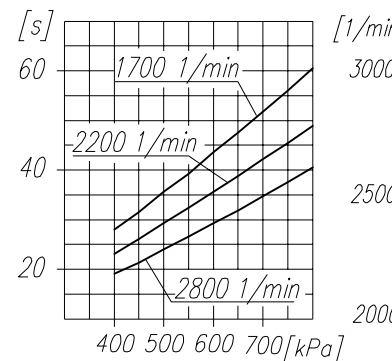
Suction capacity



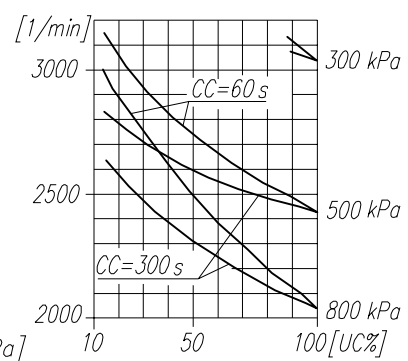
Power consumption



Time to fill a tank of 40  $\text{dm}^3$  volume



Max. r.p.m. for continuous load



**TECHNICAL DATA:**

Number of cylinders	1
Cylinder diameter	90 mm
Piston stroke	46 mm
Total piston displacement	293 $\text{cm}^3$
Mass	17.2 kg
Working pressure	800 kPa
Max. pressure for short-time load	1000 kPa
Max. allowable temp. of compressed air	+220 °C
Cooling by circuit of the water min. flow temp. of water at the inlet max.	2 $\text{dm}^3/\text{min}$ +85 °C
Lubrication: forced circulation, splash lubrication at min. pressure of 200 kPa	

**SYMBOL DESCRIPTION:**

- 0 - suction end (thread M26x1.5 length 16 mm)
  - 2 - discharge end (thread M26x1.5 length 16 mm)
  - 81 - lubricating oil inlet (thread M10x1 length 10 mm)
  - 82 - lubricating oil outlet and crankcase breathing (thread M22x1.5 length 10 mm)
  - 91 - cooling water inlet (thread M22x1.5 length min. 14 mm)
  - 92 - cooling water outlet (thread M22x1.5 length min. 14 mm)
- Digital marking according to International Standard ISO-6786  
T - rating plate  
\* - max. angular tilt of the compressor

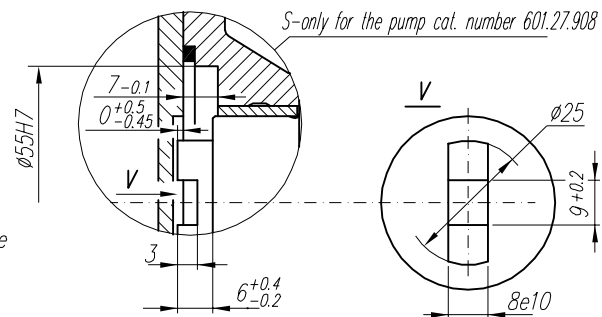
**NOTE!** The above characteristics are for open air suction system at ambient temperature +20°C and for cooling with fan

**DEFINITIONS:**  $CC=CT+CL$  - period of compressor average operating cycle

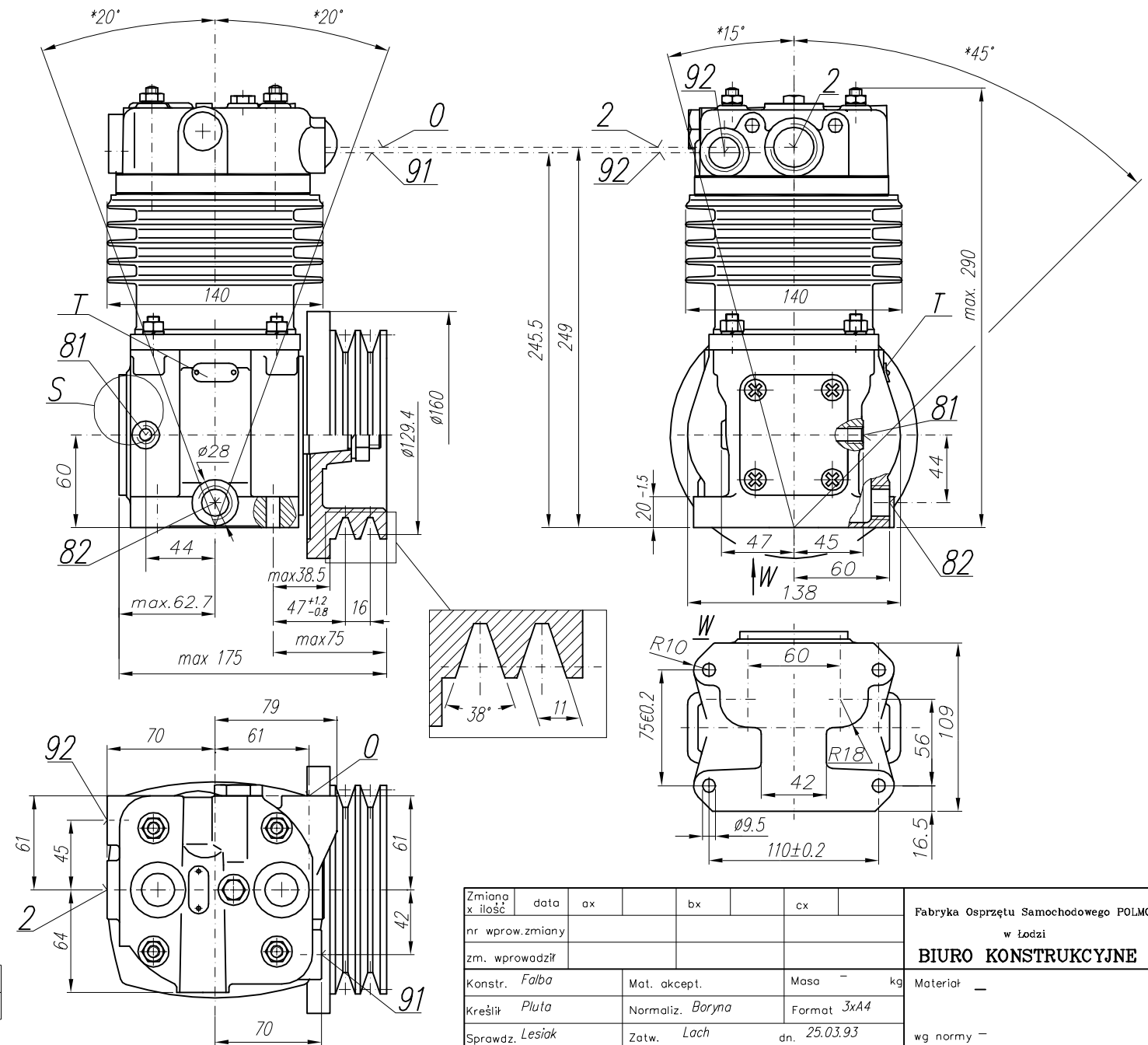
$UC = \frac{CT}{CC} \times 100\%$  - percentage fraction of loaded compressor operating time in average operating cycle

CL - compressor no-load operating time (free blow-out to atmosphere)

CT - loaded compressor operating time



601.27.904	the crankshaft without a joint driver
601.27.908	the crankshaft with a joint driver according to draft S and V



Zmiana x ilość	data	ax	bx	cx	Fabryka Osprzętu Samochodowego POLMO w Łodzi
nr. wprowadz. zmiany					<b>BIURO KONSTRUKCYJNE</b>
zm. wprowadził					
Konstr. Falba	Mat. akcept.	Masa - kg			Materiał -
Kreślił Pluta	Normaliz. Boryna	Format 3xA4			
Sprawdz. Lesiak	Zatw. Lach	dn. 25.03.93			wg normy -
Podziałka 1:2.5	Nazwa Compressor				Nr rys. 601.27.904 601.27.908