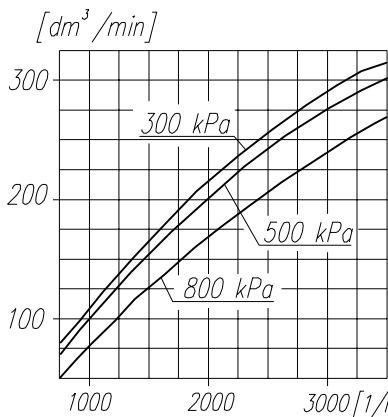
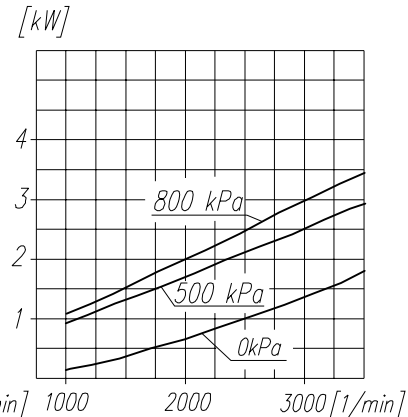


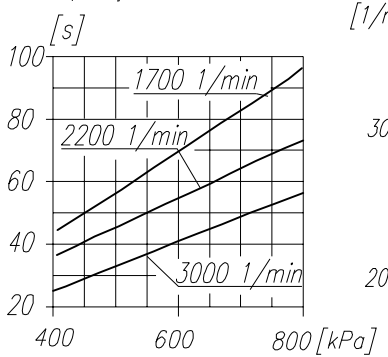
Suction capacity



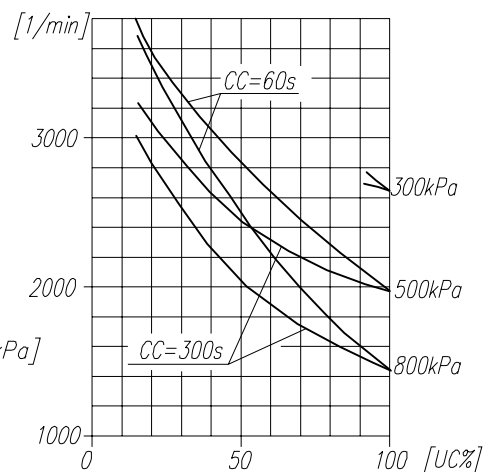
Power consumption



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: $CC=CT+CL$ - 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

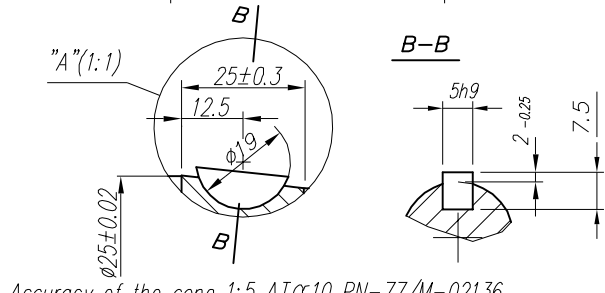
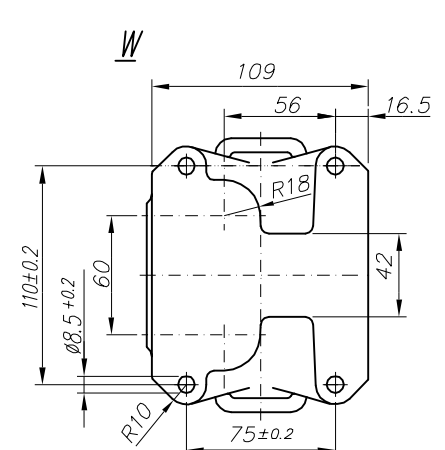
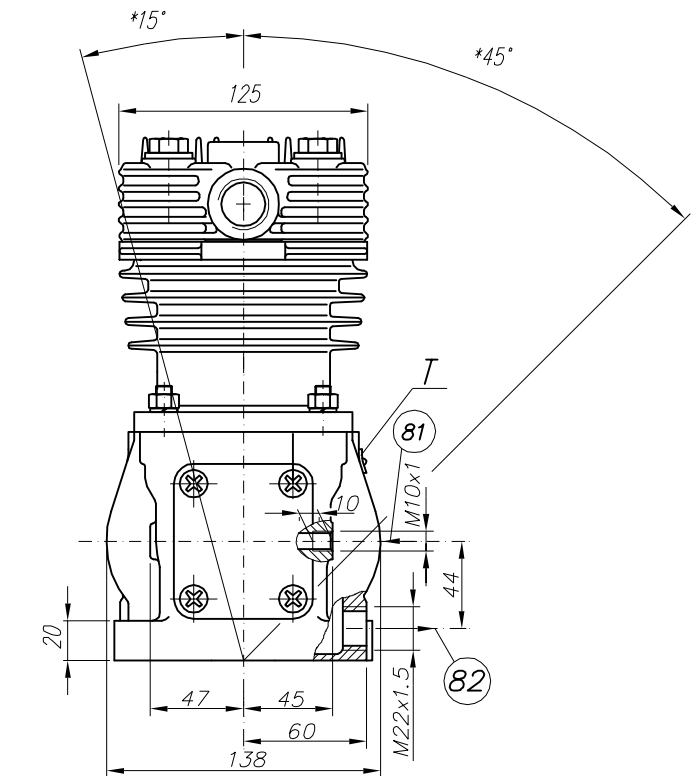
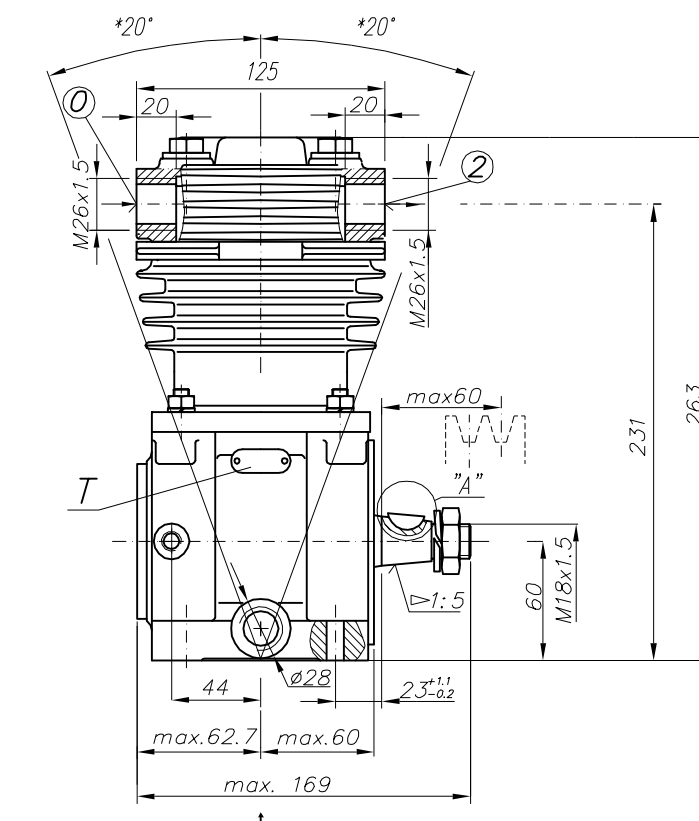
TECHNICAL DATA:

- Number of cylinders - 1
- Cylinder diameter - 75 mm
- Piston stroke - 36 mm
- Total piston displacement - 159 cm^3
- Mass - 10 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. - 4m/s
- Lubrication forced circulation, splash lubrication
- min. pressure of oil - 200 kPa

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
- T - rating plate
- * - max. angular deflection of the compressor

HS19 (601.09.901)	0 2
601.09.902	2 0



Accuracy of the cone 1:5 AT α 10 PN-77/M-02136

Zmiana x ilość	data	ax	bx	cx	Fabryka Osprzętu Samochodowego POLMO w Łodzi
nr. wprowadz. zmiany					BIURO KONSTRUKCYJNE
zm. wprowadził					
Konstr. Falba	Mat. akcept.	Masa - kg	Materiał -		
Kreślił Jankowski	Normaliz. Zajaczkowski	Format A4			
Sprawdz. Falba	Zatw. Lach	dn. 90.01.04	wg normy -		
Podziałka 1:2.5	Nazwa Compressor	Nr rys. HS19 (601.09.901)			