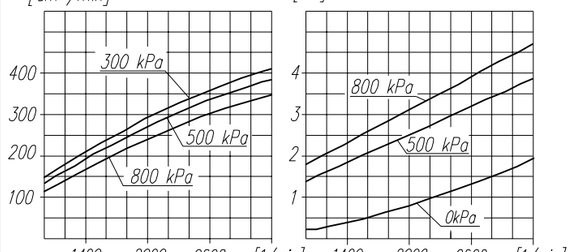
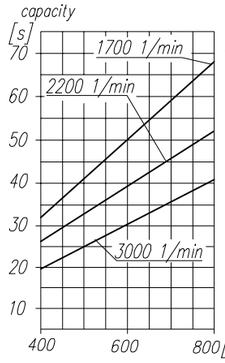
Suction capacity

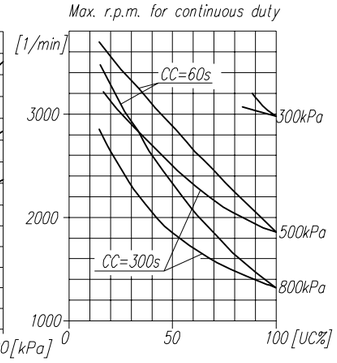


Power consumption

Time to fill a tank of 40dm³ capacity



Max. r.p.m. for continuous duty

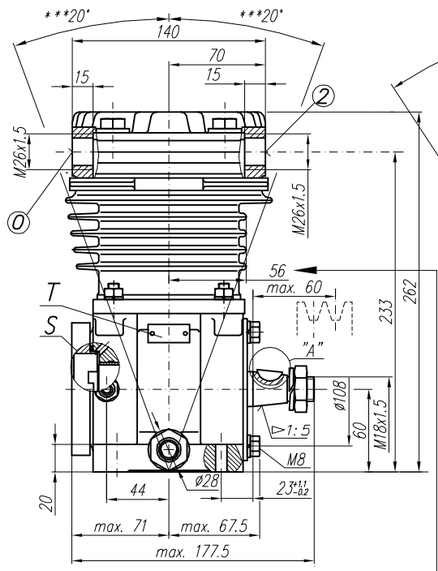


TECHNICAL DATA:

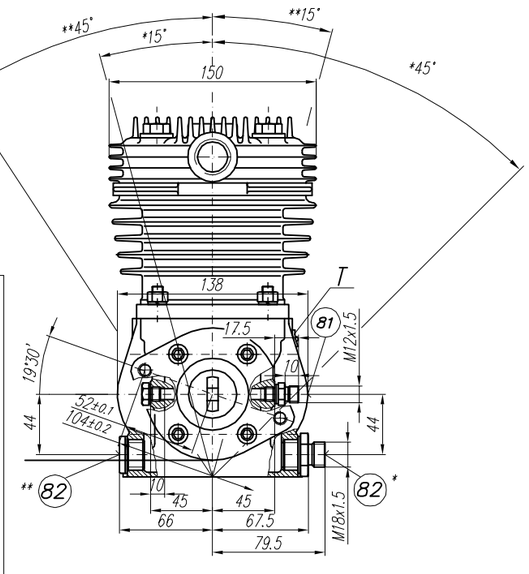
Number of cylinders	– 1	
Cylinder diameter	– 90	mm
Piston stroke	– 36	mm
Total piston displacement	– 229	cm^3
Mass	– 11.5	kg
Working pressure	– 8	bar
Max. pressure for short time duty	– 10	bar
Max. allowable temp. of compressed air	– +220 °C	
Cooling by inflation of air, with the speed of the stream min.	– 4 m/s	
Lubrication :forced circulation, splash lubrication min. pressure of oil	– 2 bar	

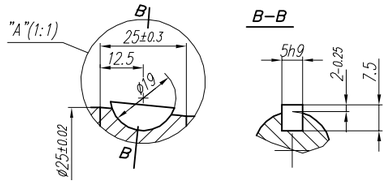
SYMBOLS DESCRIPTION:

0 – suction connection
2 – discharge connection
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
**
***



1 w





Compressor variants	
Scheme	Variant number
0 2	601.07.921 601.07.931*
0 2	601.07.922 601.07.932*
2 0	601.07.923 601.07.933*
2 0	601.07.924 601.07.934*
0 2	601.07.925 601.07.935*
0 2	601.07.926 601.07.936*
2 0	601.07.927 601.07.937*
2 0	601.07.928 601.07.938*

Description
2 Discharge port
0 Suction port
Oil inlet (81)

Variant number without * Oil outlet (82) and Oil inlet on the same side
Variant number with * Oil outlet (82) and Oil inlet on the aposite 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

NOTE!

In further variants the cylinder is rotated together with the head, so the position of the ribs cut off is associated with the location of the ports "2

Accuracy of the cone 1:5 AT⌀10 PN–77/M–02136

OFFER DRAWING

Konstr.	J. Surmacz		09.07.98
Normaliz.	L. Boryna		
Sprawdził	W. Lesiak		
Zatwierdził	B. Kleta		
Podziałka	Nazwa		
1:2.5	Compressor 601.07.921		

FABRYKA OSPRZĘTU SAMOCHODOWEGO POLMO–Łódź S.A. FOS Służba Rozwoju