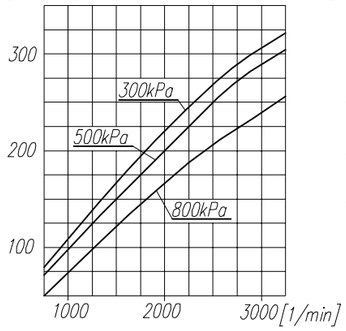
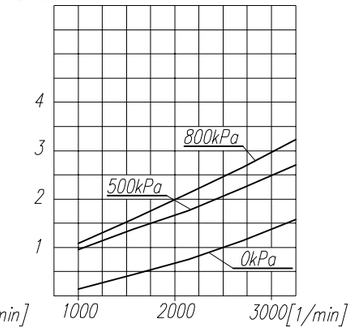
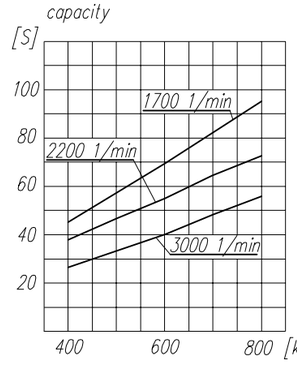
Suction capacity



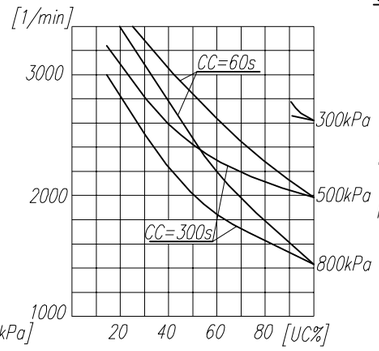
Power consumption



Time to fill a tank of 40dm³ capacity



Max. r.p.m. for continuous duty



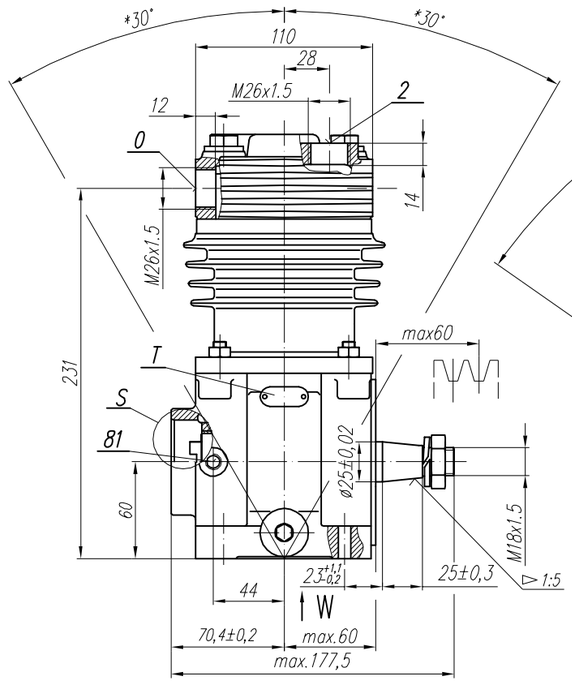
TECHNICAL DATA:

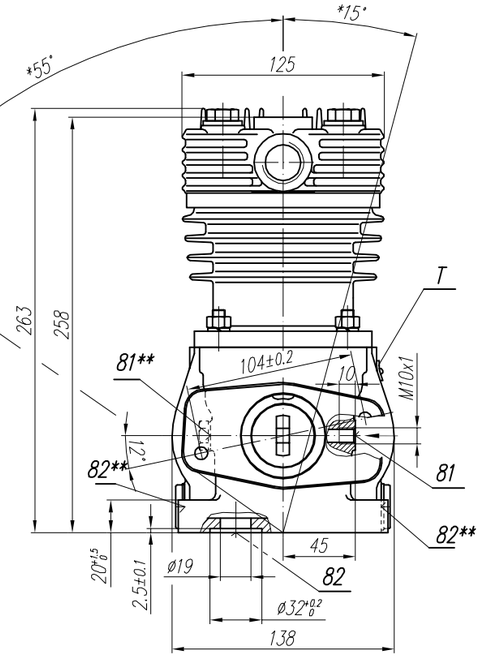
Number of cylinders	1	
Cylinder diameter	75	mm
Piston stroke	36	mm
Total piston displacement	159	cm^3
Mass	10	kg
Working pressure	800	kPa
Max. pressure for short time duty	1000	kPa
Max. allowable temp. of compressed air	+220	°C
Cooling by inflation of air, with the speed of the stream min.	4	m/s
Lubrication 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

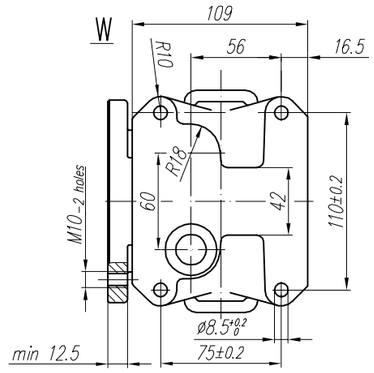
SYMBOLS DESCRIPTION:

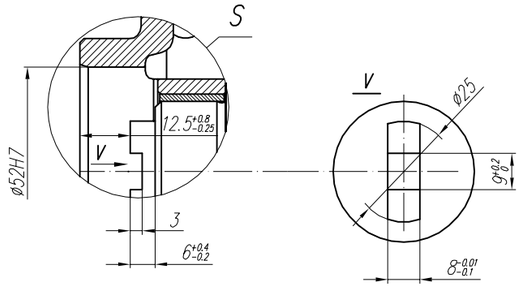
0 – suction connection
2 – discharge connection
81 – lubricating oil inlet
81** – lubricating oil inlet closed with plug
82 – lubricating oil outlet and crankcase breathing
82** – lubricating oil outlet and crankcase breathing closed with plug

Numeral signs according to International Standard ISO-6786
T – rating plate
* – max. angular deflection of the compressor









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

Accuracy of the cone: 1:5 AT 9 PN-77/M-02136

GENERAL TOLERANCES						
CLASS	RANGE OF NOMINAL DIMENTIONS (±)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		10.10.00
Normaliz.	A. Wolnicki		
Sprawdził	W.Lesiak		
Zatwierdził	B.Kleta		
Podziałka	Nazwa		

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

1:2.5

Compressor 601.09.938