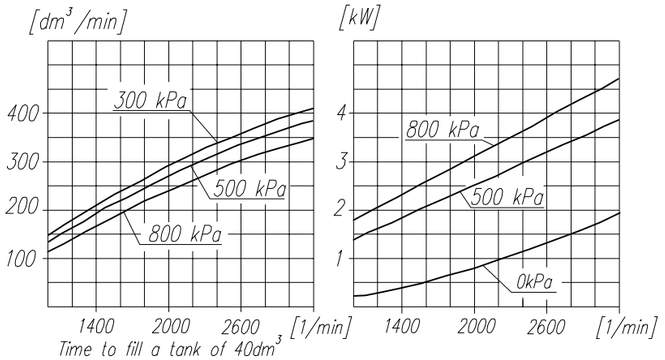
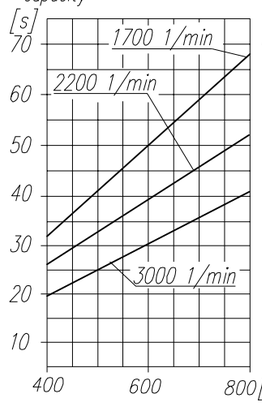
Suction capacity

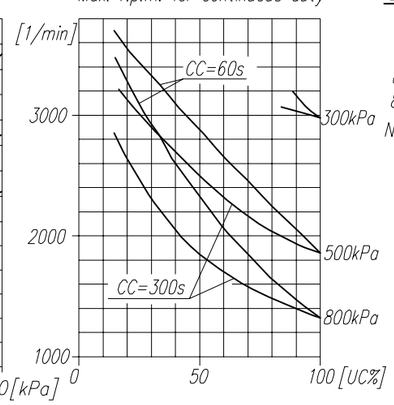


Power consumption

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	– 223	cm^3
Mass	– 11.5	kg
Working pressure	– 800	kPa
Max. pressure for short time duty	– 1000	kPa
Max. allowable temp. of compressed air	– +220	°C

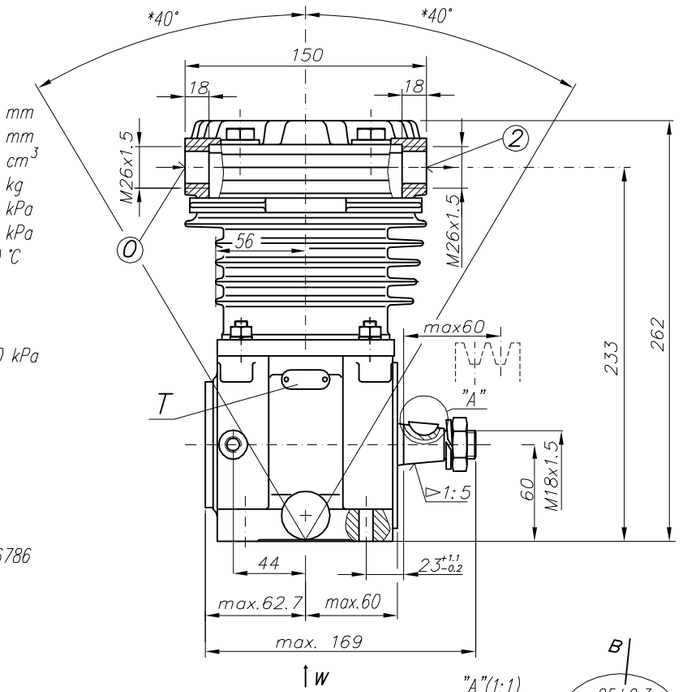
Cooling by inflation of air, with the speed of the stream min. – 4m/s

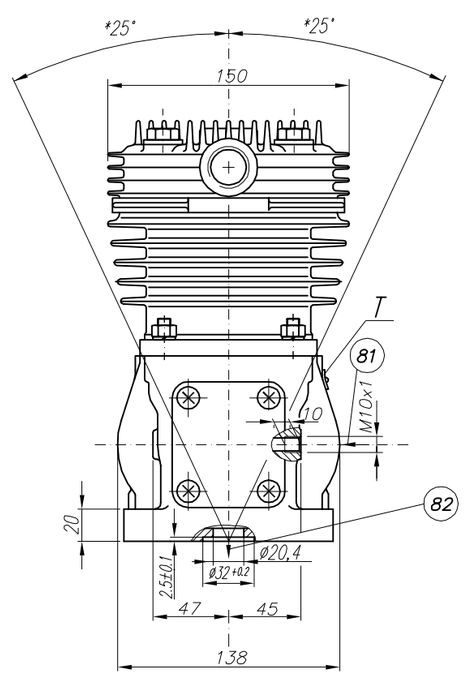
Lubrication forced circulation, splash lubrication
min. pressure of oil – 200 kPa

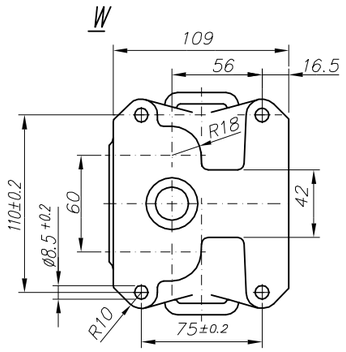
SYMBOLS DESCRIPTION:

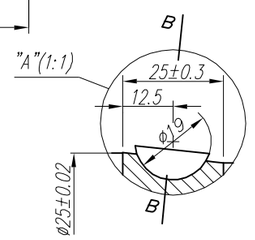
0 – suction connection (on the head signifying "S")
2 – discharge connection (on the head signifying "D")
81 – lubricating oil inlet
82 – lubricating oil outlet and crankcase breathing

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









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

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

$UC=\frac{CT}{CC}x100\%$ – 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

Zmiana x ilość	data	ax		bx		cx	
nr wprow.zmiany							
zm. wprowadził							
Konstr. Wieczorek		Mat. akcept.			Masa – kg		
Kreślił Wieczorek		Normaliz. Boryna			Format A4		
Sprawdz. Lesiak		Zatw. Kleta			dn. 12.07.95		
Podziałka 1:2.5	Nazwa Compressor						

Fabryka Osprzętu Samochodowego POLMO w Łodzi
BIURO KONSTRUKCYJNE
Materiał –
Dla Z.S. STAR S.A.
wg normy –
Nr rys. 601.07.906

Comp.