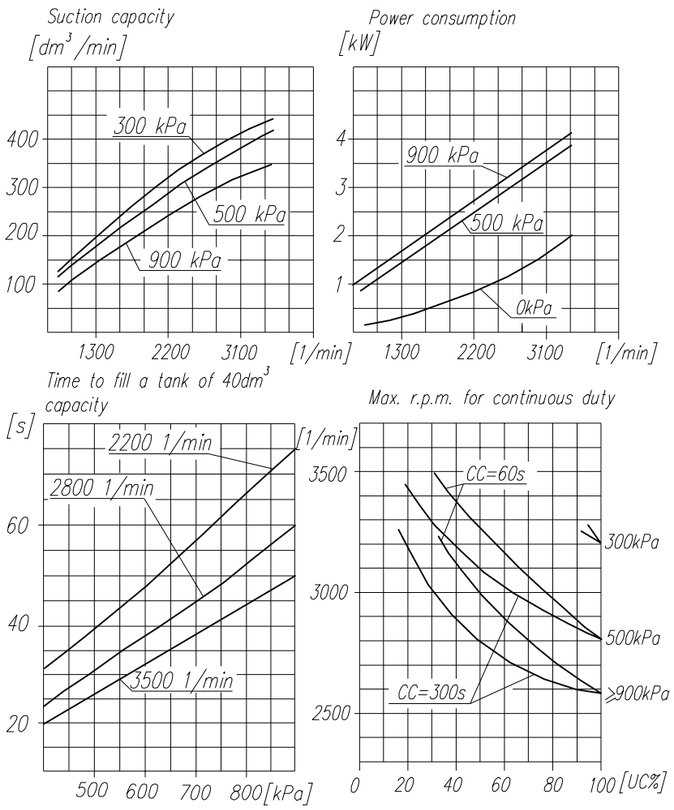
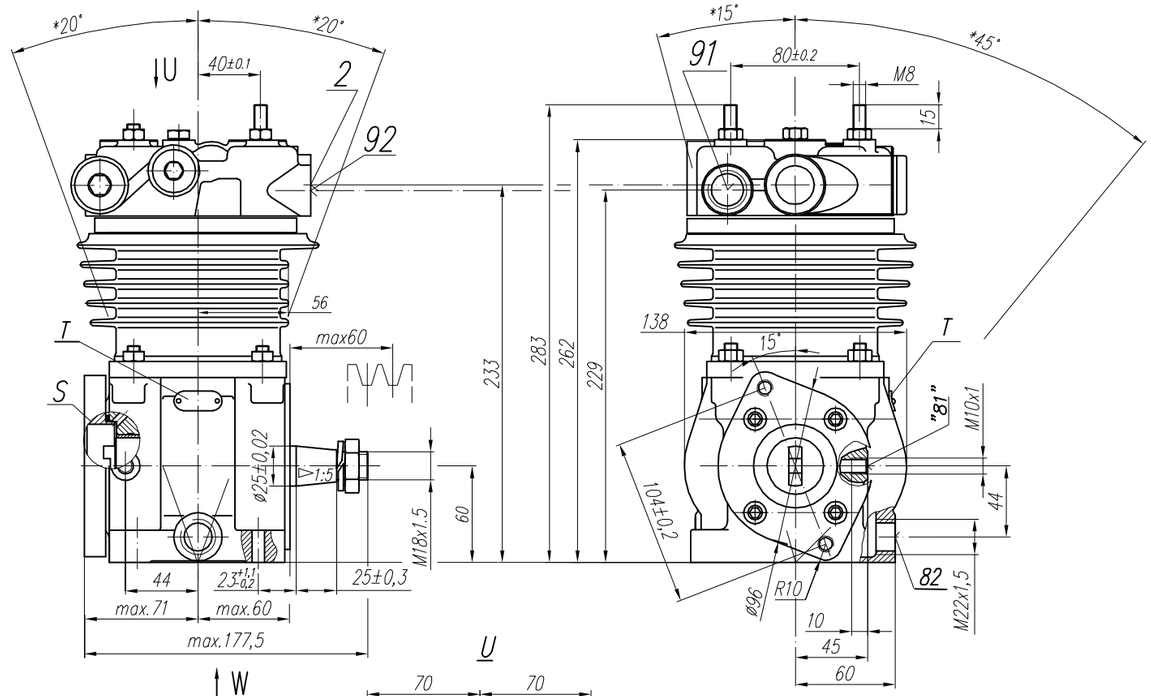


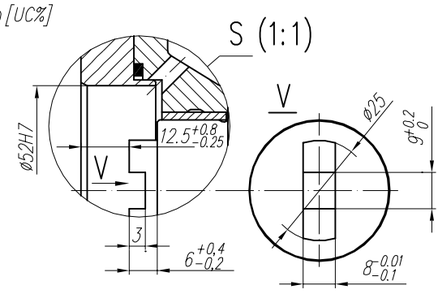
TECHNICAL DATA:

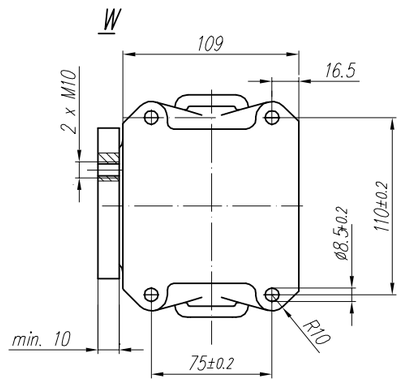
Number of cylinders	1	
Cylinder diameter	90	mm
Piston stroke	36	mm
Total piston displacement	229	cm^3
Mass	12	kg
Working pressure	800	kPa
Max. pressure for short time duty	1000	kPa
Max. allowable temp. of compressed air	+220	°C
Cooling by circuit of the water min. flow	4	dm^3/min
temp. of water at the inlet max.	+85	°C
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
Normal speed	max. 2800	1/min
Max. speed, temporary	3100	1/min

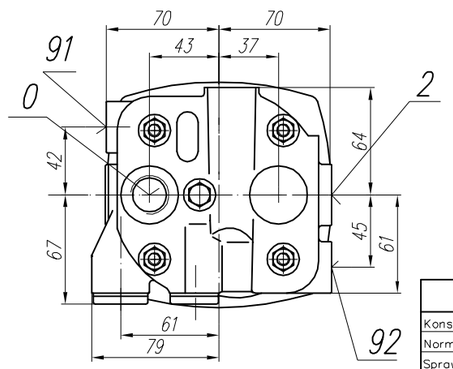
SYMBOL DESCRIPTION:

0 – suction connection (thread M22x1.5 length 16 mm)
2 – discharge connection (thread M22x1.5 length 16 mm)
81 – lubricating oil inlet
82 – lubricating oil outlet and crankcase breathing
91 – cooling water inlet (thread M22x1.5 length max.14 mm)
92 – cooling water outlet (thread M22x1.5 length max.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-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

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		28.06.2004
Normaliz.	A.Walnicki		
Sprawdził	W.Lesiak		
Zatwierdził	W.Lesiak		
Podziałka	Nazwa		

FABRYKA OSPRZĘTU SAMOCHODOWEGO POLMO-Łódź S.A. FOS Dział Konstrukcji

1:2.5

Compressor 601.24.917