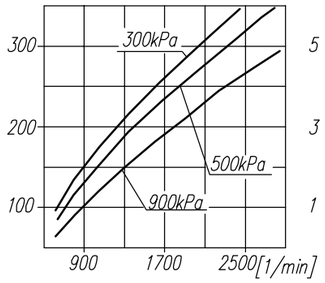
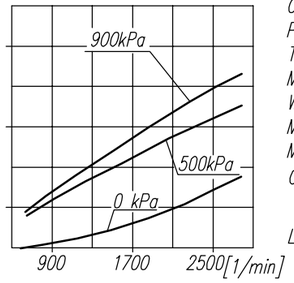
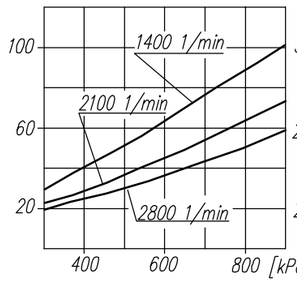
Suction capacity
[dm^3/min]



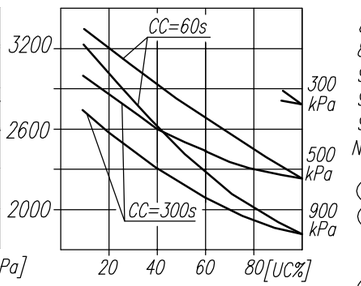
Power consumption
[kW]



Time to fill a tank of 40dm^3 capacity
[S]



Max. r.p.m. for continuous duty
[1/min]



TECHNICAL DATA:

Number of cylinders	2	
Cylinder diameter	60	mm
Piston stroke	45	mm
Total piston displacement	255	cm^3
Mass	9.90	kg
Working pressure	900	kPa
Max. pressure for short time duty	1000	kPa
Max. allowable temp. of compressed air	+220	℃
Cooling by circuit of the water min. flow	2	dm^3/min
temp. of water at the inlet max.	+85	℃
Lubrication forced circulation, splash lubrication		
min. pressure of oil	200	kPa

SYMBOLS DESCRIPTION:

0 – suction connection
2 – discharge connection
81 – lubricating oil inlet
82 – lubricating oil outlet and crankcase breathing
91 – cooling water inlet
92 – cooling water outlet
93 – breather de-aeration of the water chamber
Numeral signs according to International Standard ISO-6786

Ⓓ – max. angular deflection of the compressor
Ⓔ – max. angular deflection of the compressor after unscrewing of the plug "K" and installing of the oil drain-pipe
Ⓕ – max. angular deflection of the compressor with the plug "K"

T – rating plate

BSF; BSPF – signs for thread according to British Standard:
5/16" BSF acc. BS-84/1956 –middle class
1/4" BSPF acc. BS-2779/1956 –middle class

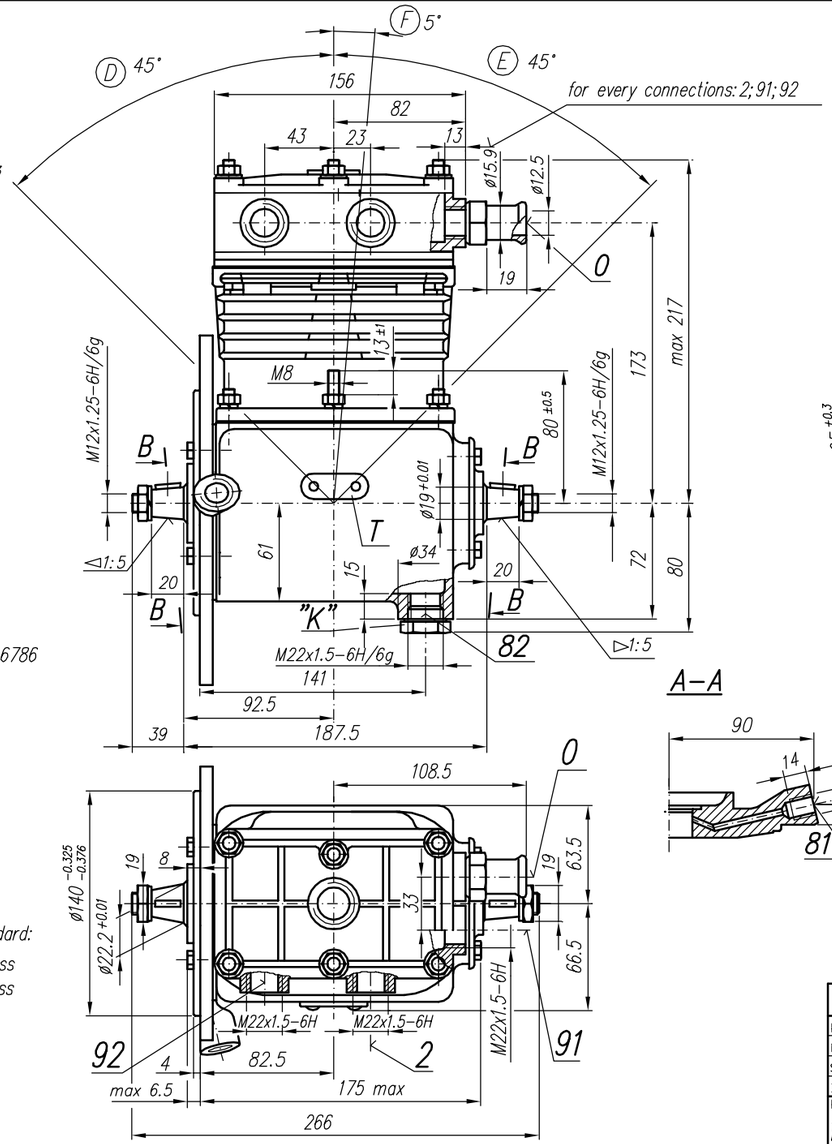
NOTE! The above characteristics are for open-inlet-valve control system at minimum cooling requirements and at ambient temperature +20℃

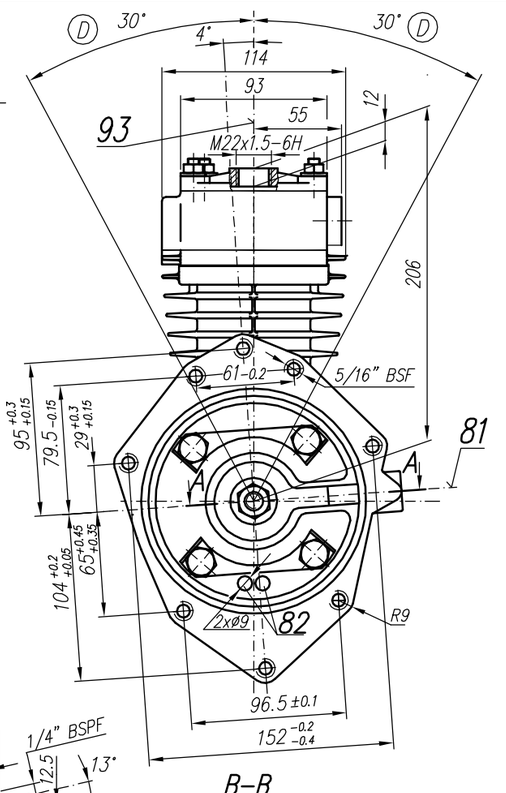
DEFINITIONS: CC=CT+CL – period of average operating cycle

$UC=\frac{CT}{CC}\times 100\%$ – 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





OFFER DRAWING				
Konstr.	B. Włodarczyk		27.03.2000	FABRYKA OSPRZĘTU SAMOCHODOWEGO POLMO-Łódź S.A. Służba Rozwoju
Normaliz.	L. Boryna			
Sprawdził	W.Lesiak			
Zatwierdził	B.Kleta			
Podziałka 1:2,5	Nazwa: Compressor			602.09.901