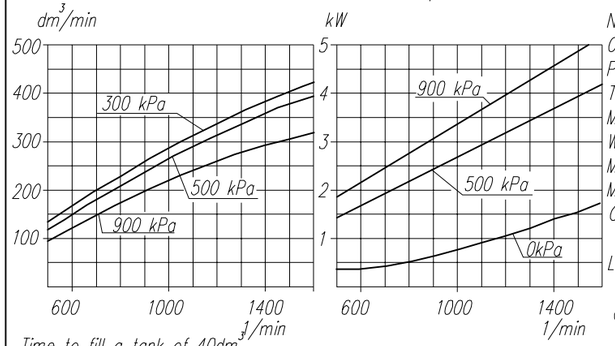
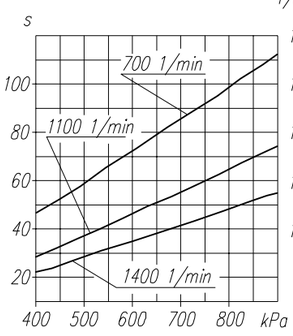
Suction capacity

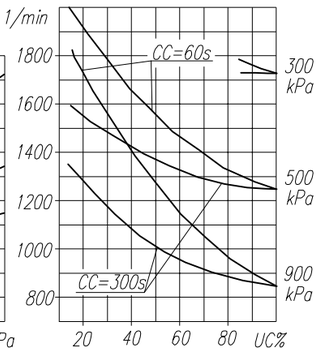


Power consumption

Time to fill a tank of 40dm³ capacity



Max. r.p.m. for continuous duty



TECHNICAL DATA:

Number of cylinders	2	
Cylinder diameter	75	mm
Piston stroke	48	mm
Total piston displacement	424	cm^3
Mass	16.5	kg
Working pressure	900	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	2	dm^3/min
temp. of water at the inlet max.	+85	°C
Lubrication forced circulation, splash lubrication min. pressure of oil	200	kPa
admissible min. pressure only as regards to idle runing of engine	70	kPa

SYMBOLS DESCRIPTION:

0 – suction connection (on the head signifying "S")
2 – discharge connection (on the head signifying "D")
3 – breather de-aeration of the water chamber
81 – lubricating oil inlet
82 – lubricating oil outlet and crankcase breathing
9 – cooling water inlet or outlet (on the head signifying "W")
Numeral signs according to International Standard ISO-6786
T – rating plate
* – max. angular deflection of the compressor
BSF; BSPF – signs for thread according to British Standard:
5/16"22BSF acc. BS-84/1956 –middle class
1/4" BSPF acc. BS-2779/1956 –middle class

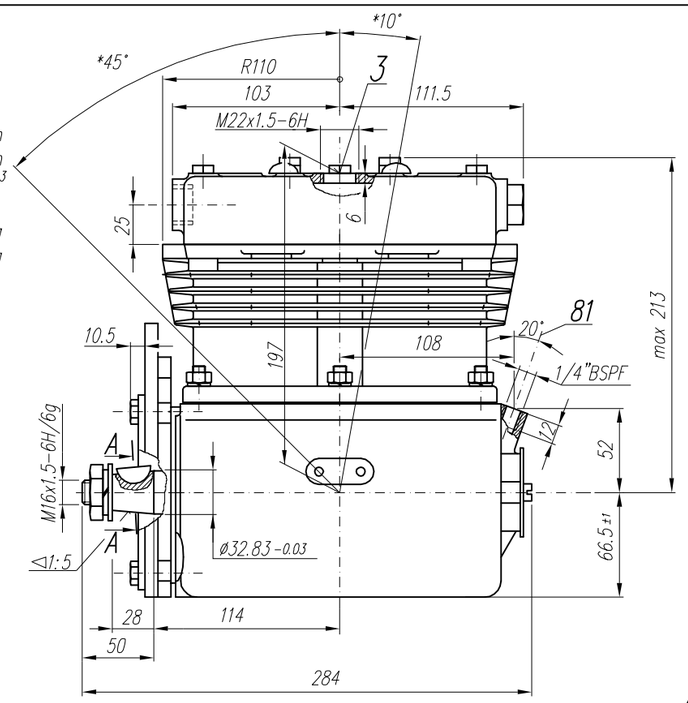
NOTE! The above characteristics are for open-inlet-valve control system at minimum cooling requirements and at ambient temperature +20°C

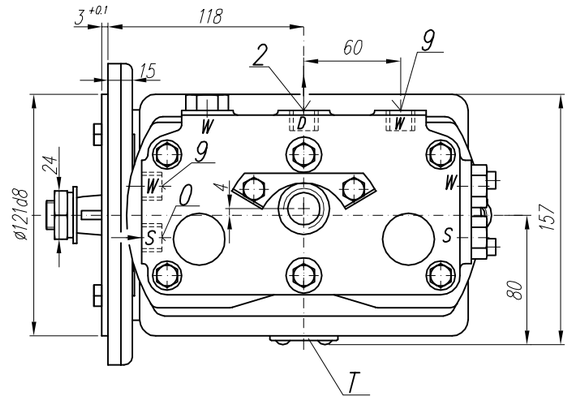
DEFINITIONS: CC=CT+CL – period of average operating cycle

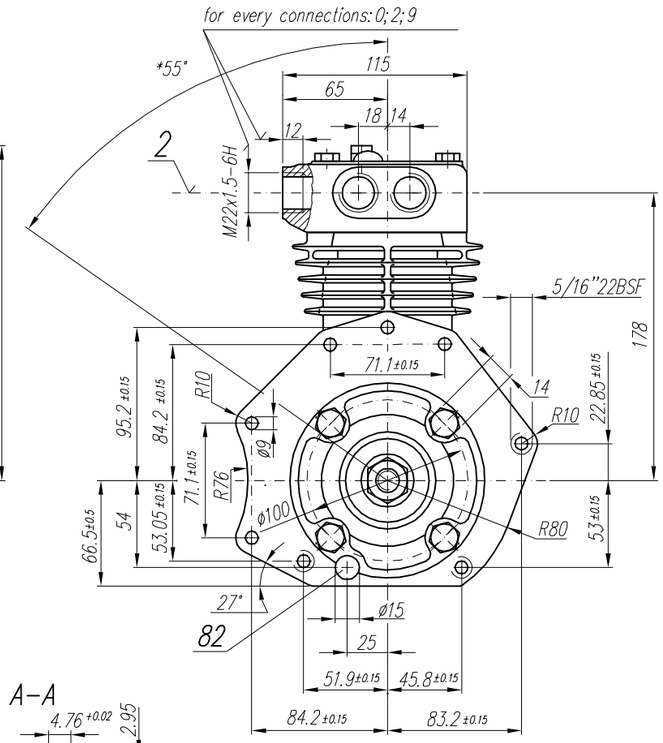
$UC=\frac{CT}{CC}\times 100\%$ – percent ratio of compressor full load operating time in average operating cycle(also called percent duty cycle)

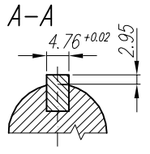
CL – compressor no-load operating time (exhaust to the atmosphere)

CT – compressor full load operating time









Zmiana x ilość	data	ax		bx		cx		Fabryka Osprzętu Samochodowego POLMO w Łodzi
nr wprow.zmiany								BIURO KONSTRUKCYJNE
zm. wprowadził								
Konstr. Włodarczyk		Mat. akcept.				Masa – kg		Materiał –
Kreślił Jankowski		Normaliz. Zajaczkowski				Format 3xA4		wg normy –
Sprawdz. Falba		Zatw. LACH			dn. 07.03.1990			
Podziałka 1:2.5	Nazwa Compressor							Nr rys. HS21 (602.04.901)

Comp.