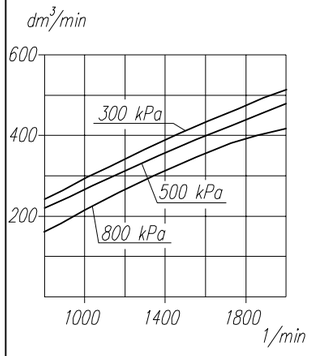
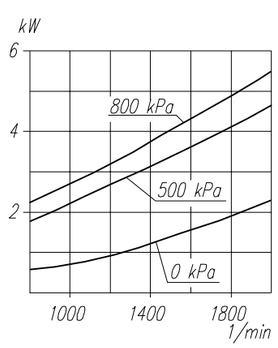
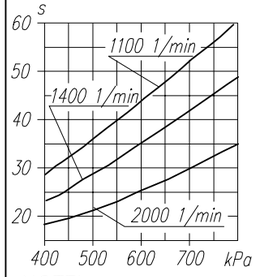
Suction capacity



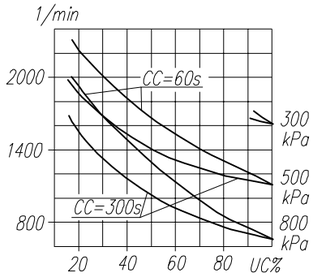
Power consumption



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	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 at min. pressure of 200kPa

admissible min. pressure only as regards to idle runing of engine – 70kPa

SYMBOLS DESCRIPTION:

0 – suction connection
2 – discharge connection
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

BSF; BSPF; BSP –
signs for Whitworthe thread according to British Standard:
5/16" BSF acc. BS 84/1956 –middle class
1/4" BSPF acc. BS–2779/1956 –middle class
5/8" BSP acc. BS–2779/1956 –middle class

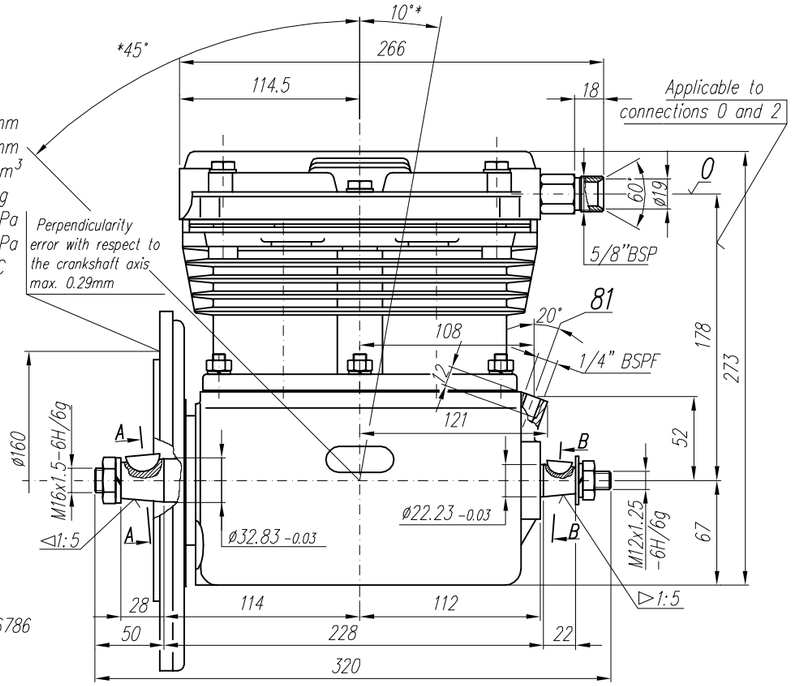
NOTE! The above characteristics are for open–inlet–valve control system at minimum cooling requirements and at ambient temperature +20°C

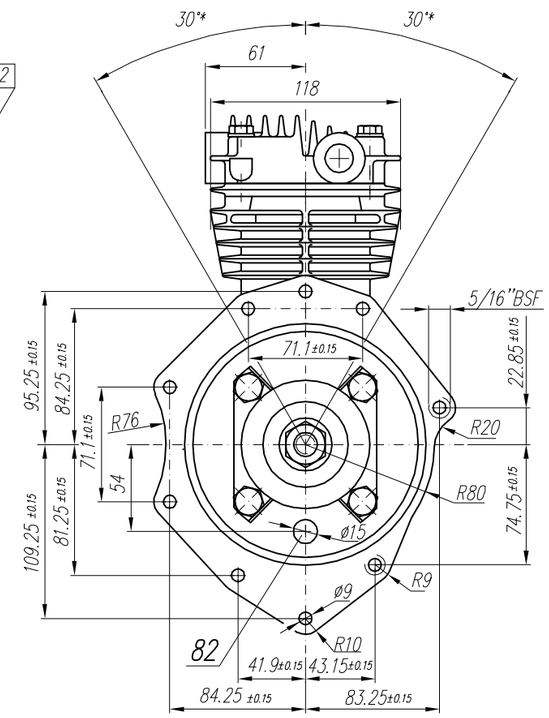
DEFINITIONS: CC=CT+CL – period of average operating cycle

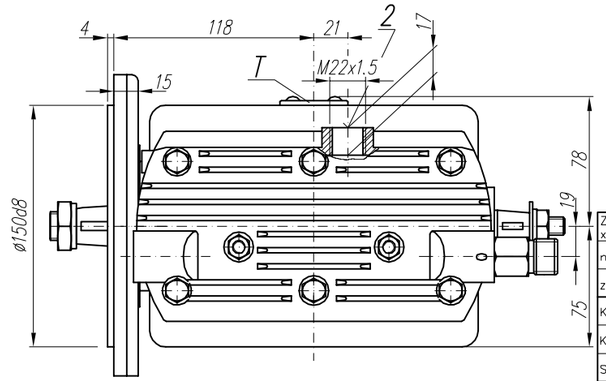
$UC=\frac{CT}{CC}x100\%$ – percent ratio of compressor full load operating time in average operating cycle(also called percent duty cycle)

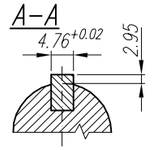
CL – compressor no–load operating time (exhaust to the atmosphere)

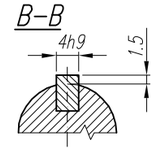
CT – compressor full load operating time











Zmiana x ilość	data	ax		bx		cx	
nr wprow.zmiany							
zm. wprowadził							
Konstr. Falba		Mat. akcept.			Masa – kg		
Kreślił Jankowski		Normaliz. Zajaczkowski			Format 3xA4		
Sprawdz. Falba		Zatw. LACH			dn. 18.02.90		
Podziałka 1:2.5	Nazwa Compressor					Nr rys. HS31 (602.05.901)	

Fabryka Osprzętu Samochodowego POLMO w Łodzi
BIURO KONSTRUKCYJNE
Materiał –
wg normy –

Comp.