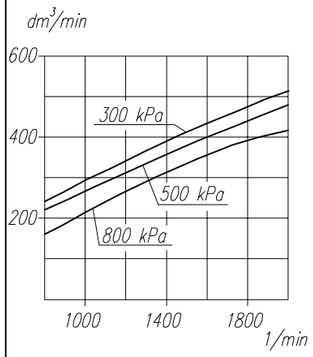
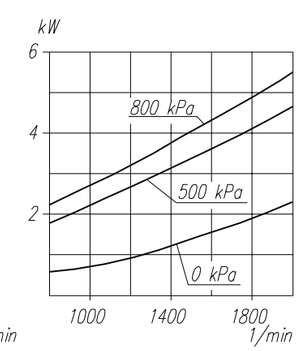
Suction capacity



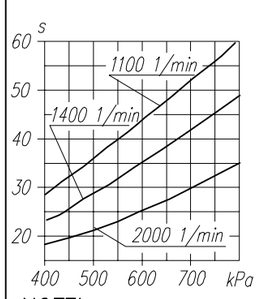
Power consumption



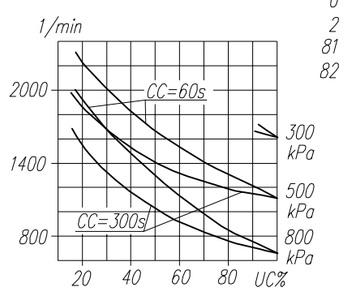
TECHNICAL DATA:

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	

Time to fill a tank of 40dm^3 capacity



Max. r.p.m. for continuous duty



SYMBOLS DESCRIPTION:

0 – suction connection	(thread M22x1,5)
2 – discharge connection	(thread M22x1,5)
81 – lubricating oil inlet	(thread M10x1)
82 – lubricating oil outlet and crankcase breathing	(hole ø15)

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

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

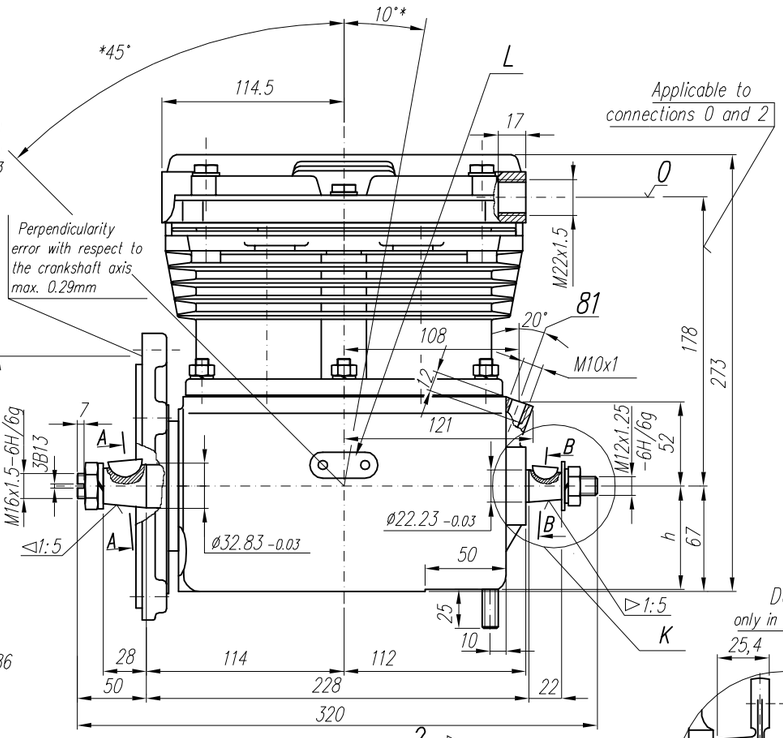
DEFINITIONS: CC=CT+CL – period of average operating cycle

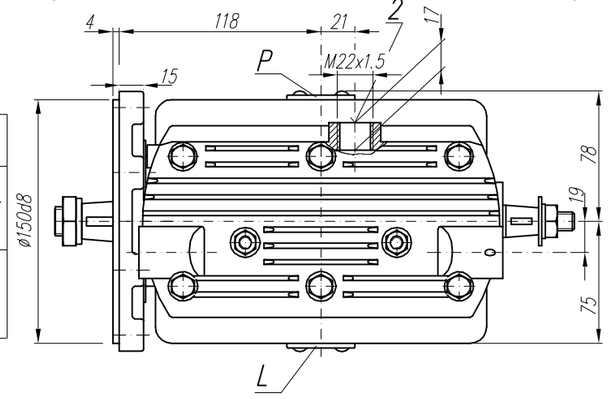
$UC=\frac{CT}{CC}x100\%$ – percent ratio of compressor full load operating time in average operating cycle(also called percent duty cycle)

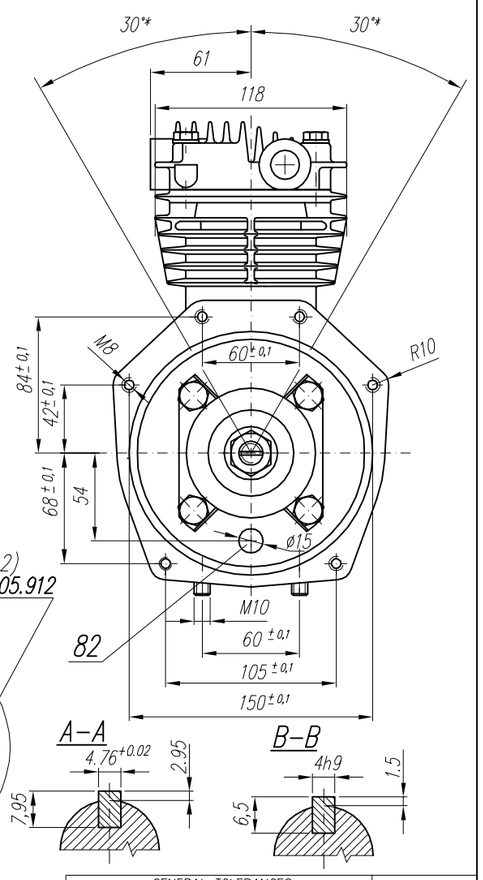
CL – compressor no–load operating time (exhaust to the atmosphere)

CT – compressor full load operating time

Variant of compressor	Localization of suction and discharge connections	K	L	P	h
602.05.911 DAF Nr. 0512 181	2 0	—	—	T	65,5
602.05.912 DAF Nr. 0241 720	2 0	+	T	—	63







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		20.09.2000
Normaliz.	A. Walnicki		
Sprawdził	W.Lesiak		
Zatwierdził	B.Kleta		
Podziałka	Nazwa		
1:1	Compressor 602.05.911		

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