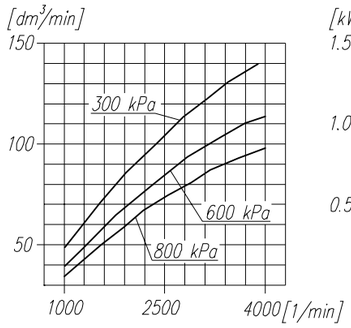
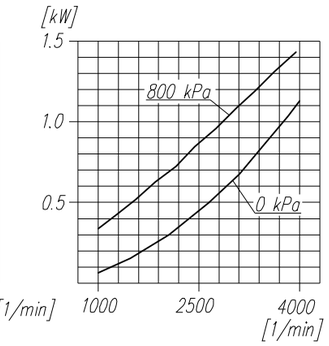
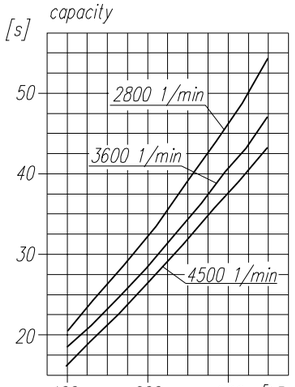
Suction capacity



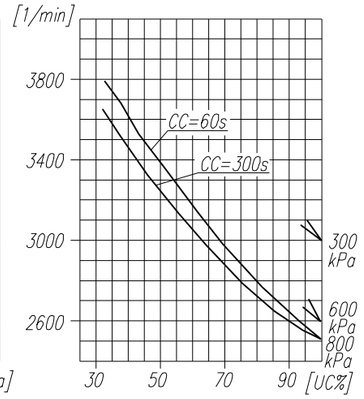
Power consumption



Time to fill a tank of 10dm³ capacity



Max. r.p.m. for continuous duty

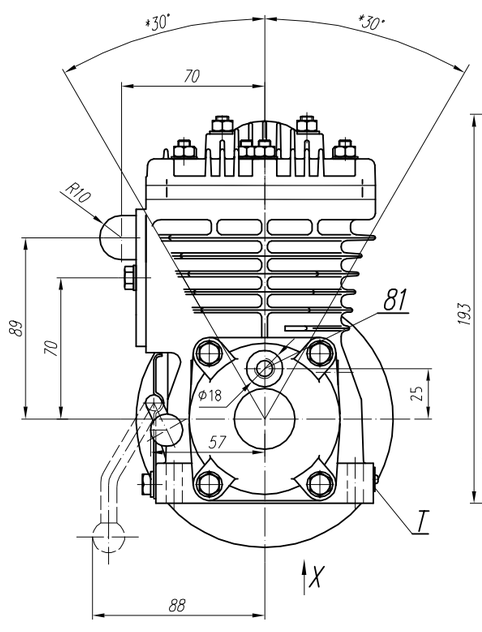


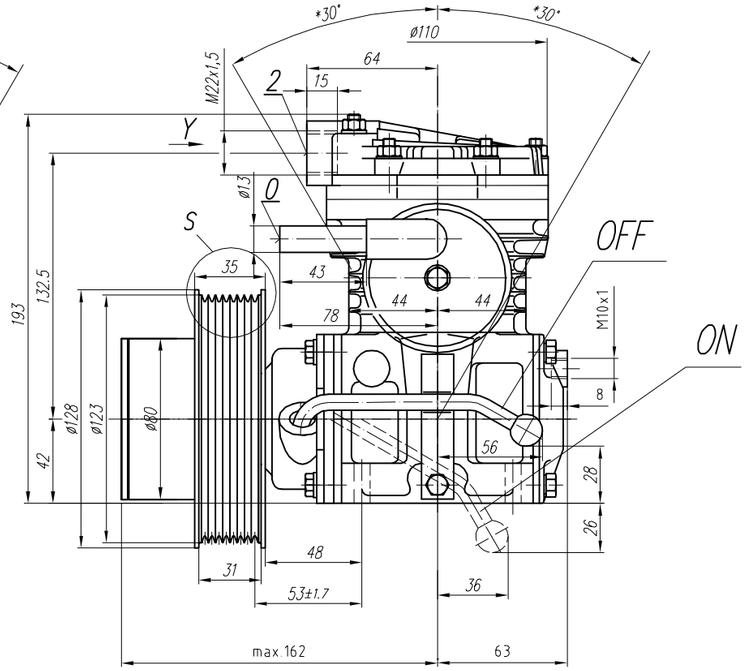
TECHNICAL DATA:

Number of cylinders	– 1	
Cylinder diameter	– 65	mm
Piston stroke	– 23	mm
Total piston displacement	– 76	cm^3
Mass	– 10	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 min. pressure of oil	200kPa	

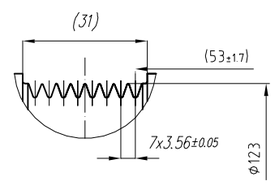
SYMBOLS DESCRIPTION:

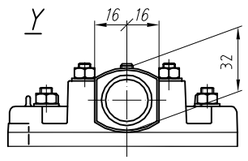
0 – suction connection
2 – discharge connection
81 – lubricating oil inlet
82 – lubricating oil outlet and crankcase breathing
Numeral signs according to "International Standard ISO–6786"
T – rating plate
* – max. angular deflection of the compressor

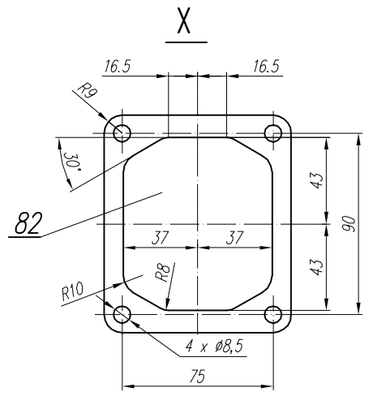




S (1:1) Belt type:
8rip Poly–V profile PK







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

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		13.07.2009
Normaliz.	A. Wolnicki		
Sprawdził	A. Wolnicki		
Zatwierdził			

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

Podziałka	Nazwa
1:2	Compressor 601.17.986