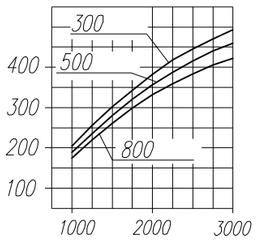
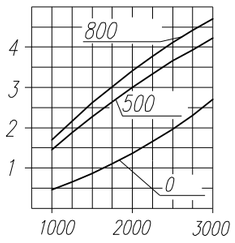
Suction capacity

[dm^3/min]

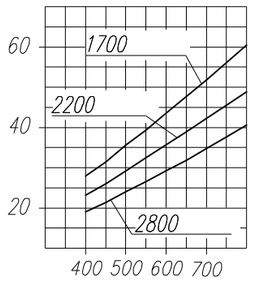


Power consumption

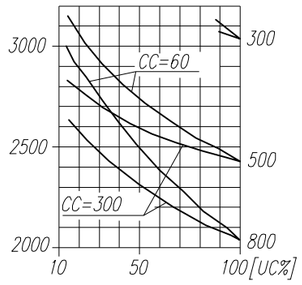
[kW]



Time to fill a tank of 40 dm^3 volume



Max. r.p.m. for continuous duty

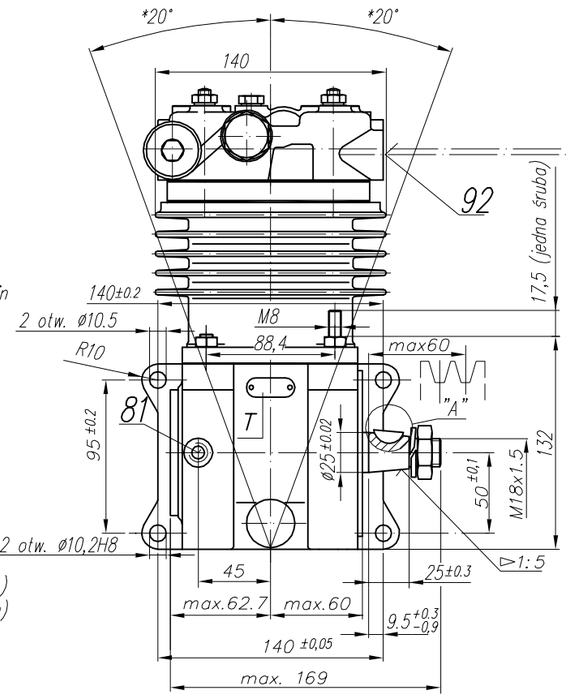


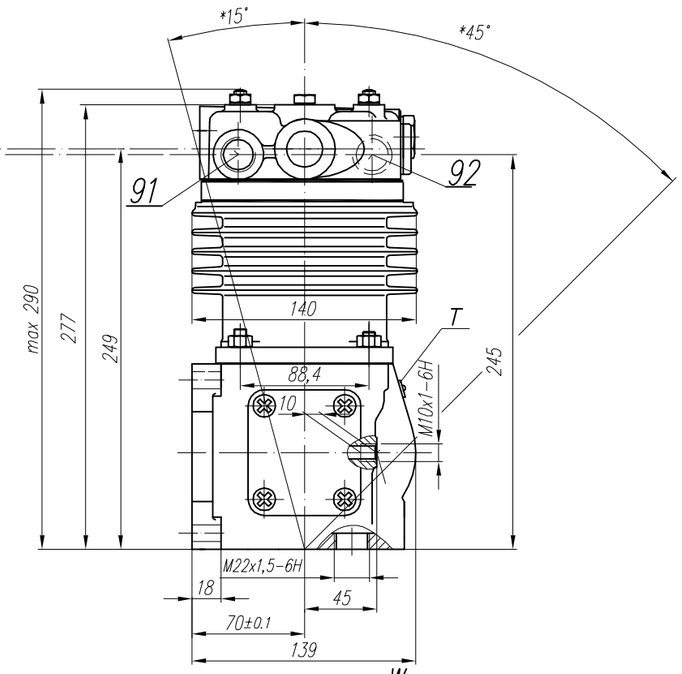
TECHNICAL DATA:

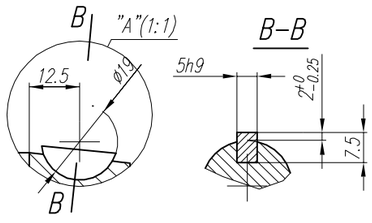
Number of cylinders	1	
Cylinder diameter	90	mm
Piston stroke	46	mm
Total piston displacement	293	cm^3
Mass	12.5	kg
Working pressure	800	kPa
Max. pressure for short-time load	1000	kPa
Max. allowable temp. of compressed air	+220	°C
Cooling by circuit of the water min. flow	2	dm^3/min
temp. of water at the inlet max.	+85	°C
Lubrication: forced circulation, splash lubrication at min. pressure of	200	kPa

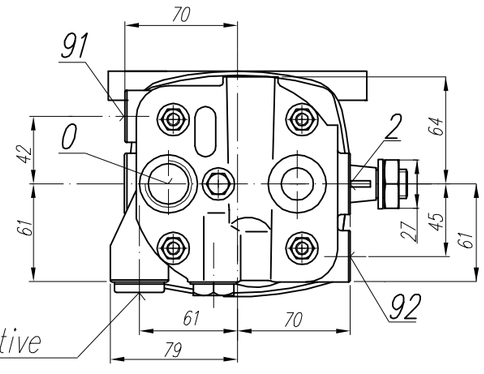
SYMBOLS DESCRIPTION:

0 – suction end (thread M26x1.5 length 16 mm)
2 – discharge end (thread M26x1.5 length 16 mm)
81 – lubricating oil inlet (thread M10x1 length 10 mm)
82 – lubricating oil outlet and crankcase breathing (thread M22x1.5 length 12 mm)
91 – cooling water inlet (thread M16x1.5 length min. 14 mm)
92 – cooling water outlet (thread M22x1.5 length min. 14 mm)
Digital marking according to International Standard ISO-6786
T – rating plate
* – max. angular tilt of the compressor

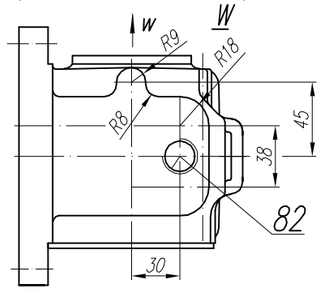








0 alternative



NOTE! The above characteristics are for open air suction system at ambient temperature +20°C and for cooling with fan

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

$UC=\frac{CT}{CC}\times 100\%$ – percentage fraction of loaded compressor operating time in average operating cycle

CL – compressor no-load operating time (free blow-out to atmosphere)

CT – loaded compressor operating time

OFFER DRAWING				
Konstr.	A. Wolnicki		24-11-01	FABRYKA OSPRZĘTU SAMOCHODOWEGO POLMO-Łódź S.A. Służba Rozwoju
Normaliz.	A. Wolnicki			
Sprawdził	W. Lesiak			
Zatwierdził	B. Kleta			
Podziałka 1:2.5	Nazwa: Compressor 601.27.931			