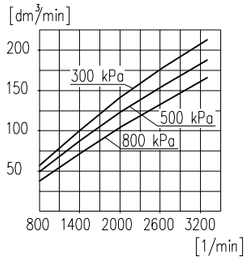
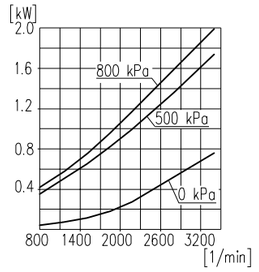
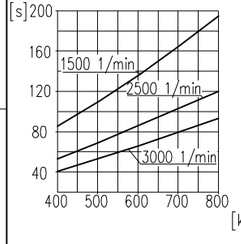
Suction capacity



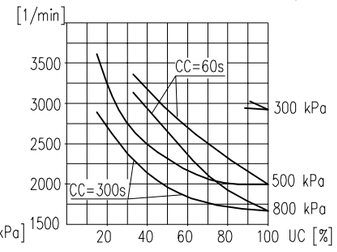
Power consumption



Time to fill a tank of 40dm³ capacity



Max. r.p.m. for continuous duty



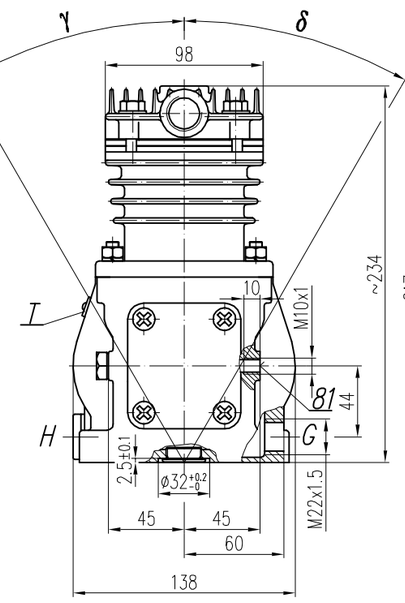
TECHNICAL DATA:

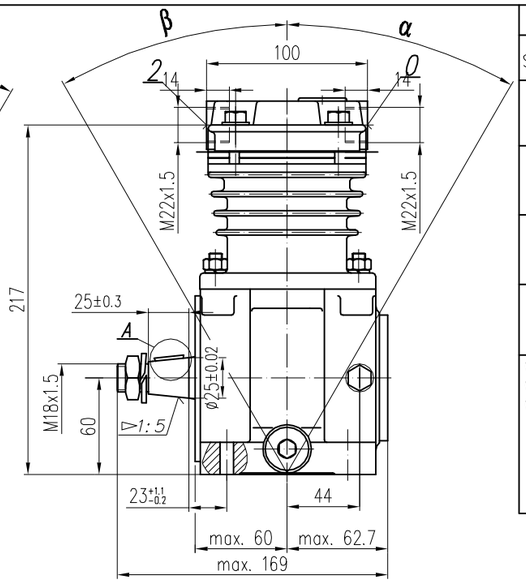
Number of cylinders	1	
Cylinder diameter	60	mm
Piston stroke	36	mm
Total piston displacement	100	cm³
Mass	8,4	kg
Working pressure	800	kPa
Max. pressure for short time duty	1000	kPa
Max. allowable temp. of compressed air	+220	°C
Cooling by inflation of, air with the speed of the stream min.	4	m/s
Lubrication forced circulation, splash lubrication min. pressure of oil	300±200	kPa
(The pressure drop down is allowed to min. during the idle running of the heated up engine)	60	kPa
Normal speed	max. 3000	1/min
Max. speed, temporary	3300	1/min

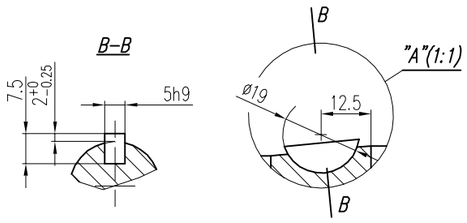
SYMBOLS DESCRIPTION:

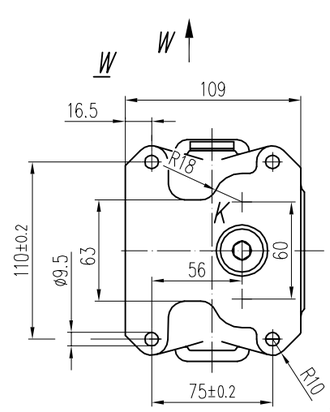
0–suction connection
2–discharge connection
81–lubricating oil inlet
82–lubricating oil outlet and crankcase breathing

Digital marking according to International Standard ISO–6786
*–max. angular tilt of the compressor
T–Datum plate
** – Stoped by plug
α, β, δ, γ – max. angular deflection of the compressor









Compressor variants	
Scheme	Variant number
	601.35.901 601.35.911* 601.35.921**
	601.35.902 601.35.912* 601.35.922**
	601.35.903 601.35.913* 601.35.923**
	601.35.904 601.35.914* 601.35.924**

Variant nr without * – 82 at the bottom, 81 position X
Variant nr with * – 82 and 81 position X
Variant nr with ** – 82 and 81 position Y

Description	
2	Discharge port
0	Suction port

Port 82 position	α	β	γ	δ
G	20°	20°	15°	45°
H	20°	20°	45°	15°
K	20°	20°	30°	30°

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

GENERAL TOLERANCES						
CLASS	RANGE OF NOMINAL DIMENTIONS (±)MM ≤50	>50 ≤180	>180 ≤400	≥400	◁	FORCE, POWER PRESSURE ETC.
II	1.0	2.0	3.0	4.0	±3°	±10 %

OFFER DRAWING

Konstr.	K.Malinowski		25.02.2010
Normaliz.	A.Wolnicki		
Sprawdził	A.Wolnicki		
Zatwierdził	A.Wolnicki		
Podziałka	Nazwa		
1:2.5	Compressor 601.35.911		

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