

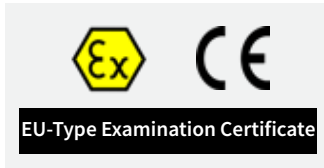
AT1 UNLINED MANUAL SEMI-ROTARY PUMP

Zones 1, 2, 21, 22

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ATEX PUMPS

ZONES 1, 2 (gas) & 21, 22 (dust)



ATEX manual semi-rotary pump designed for the transfer of fluids in a potentially explosive atmosphere.

The pump includes a 300 micron stainless steel filter, which protects it from all outside intrusions.

It is delivered with a grounding cable and a clip, connection of which ensures electrostatic conductivity.

COMPATIBLE FLUIDS:

Water, petrol, gasoil, alcohol, toluene, trichlorethylene, acetone, white spirit, etc.



ITEM REFERENCES

Designation:	Flow rate:	Weight:	Item No.:
AT1 Manual Semi-Rotary Pump	1300 l/h	6,5 kg	9B0101

TECHNICAL SPECIFICATIONS

Marking:	<p> Ex II 2G Ext - Ex h IIB T6...T4 Gb Int - Ex h IIB T3...T2 Gb Ex II 2D Ex h IIIC T80°C...120°C Db IP65 The maximum admissible temperature for the pumped liquid is 120°C. </p>
Certificate:	EU-Type Examination Certificate
Body/Lid/Lever:	Cast iron (EN-GJL-200 o 250)
Internal mechanism:	Brass (Cu Zn39 Pb1 Al B)
Couplings:	Ø 3/4" Cast iron (EN-GJL-200)
Pump axle and screws:	Steel (11SMNPB37)
Seat gasket:	PTFE braid
Coupling gasket:	PEB (Expanded PTFE)
Fixing:	2 lugs (dist. betw. centres 148mm - Ø 12mm)
Filter:	300 microns, 304 stainless steel rose (Z6 CN 18.19)
Cable lenght:	2m with clamp for earthing
Sealing of the shaft:	PTFE braid held by a cast iron compression gland
Flow rate - Double stroke:	80 per min
Total lift height:	22 m
Sealing control with compressed air:	5 kg/cm ²
Intake capacity:	7 m
Flow by double stroke:	0,27 l
Angular travel of the lever:	115°
Operating temperature:	-20°C to +40°C

