

TECHNICAL INSTRUCTIONS	170(e)
Revision	

PUMPS SERIE A BORED PISTON

INSTALLATION

OPERATION

MAINTENANCE

**BLACKMER
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F- 89000 AUXERRE**

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Votre distributeur / Your distributor / Ihr händler

Pumps type AZ - AD - AF - AK - AKHP - AL - ALHP - AM - AMHP - AR - AV

DIMENSIONS AND POSITION OF THE HOLES

TYPE	Ø A	C ± 0,2	B ± 0,2
AZ	M4	2,3	25,5
AD	M4	4,3	42
AF	M4	4,3	50
AK - AKHP	M5	5,8	65,5
AL - ALHP	M5	8,3	76
AM - AMHP	M8	8,3	87
AR	M10	7,8	104
AV	M10	8,8	128

The piston is bored to enable the product to circulate at the back of the piston and thus avoid any "dead" zone.

It also prevents any overpressure problems associated with the expansion of hot products.

Two holes are bored in the piston, but only one will remain open, and this will always be at the intake end. (the other is blocked off in the factory).

In the situation where :

- the direction of rotation is changed by the client
- a dual-rotation pump (double by-pass) is used, make sure that the unblocked hole is always at the intake end (free the blocked hole and reuse the screw to block the delivery end, with a standard 243 locking device (Loctite)). The screw shall be recessed from the friction face of the cylinder (1 mm).

