



INSTRUCTIONS 1005-E00 e

Section	1005
Effective	June 2022
Replaces	September 2018

Translation of the original instructions

Double pumping units AB H - AG H - AF TM H

EC CERTIFICATE OF CONFORMITY :

The EC Certificate of Conformity (paper version) is systematically attached to the equipment when shipped.

WARRANTY :

TM Series sets are covered 24 months by warranty within the limits mentioned in our General Sales Conditions. In case of a use other than that mentioned in the Instructions manual, and without preliminary agreement of MOUVEX, warranty will be canceled.

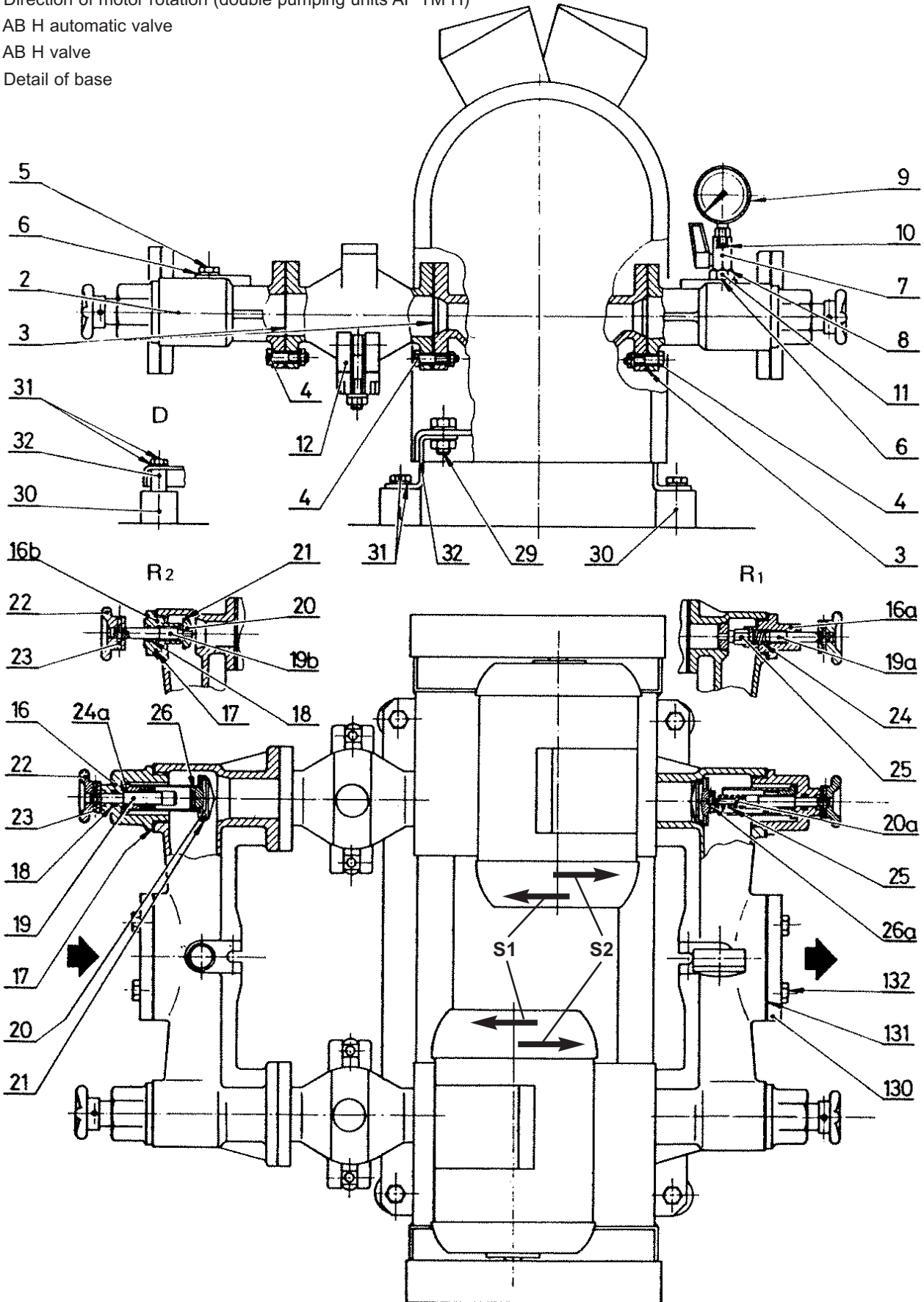


Z.I. La Plaine des Isles - F 89000 AUXERRE - FRANCE
Tel. : +33 (0)3.86.49.86.30 - Fax : +33 (0)3.86.49.87.17
contact.mouvex@psgdover.com - www.mouvex.com

Your distributor :

SPECIAL PARTS

- S1 : Direction of motor rotation (double pumping units AB H - AG H)
- S2 : Direction of motor rotation (double pumping units AF TM H)
- R1 : AB H automatic valve
- R2 : AB H valve
- D : Detail of base



SPECIAL PARTS (continued)

The parts are identical to those in the Instructions of the pump except :

Repère	Désignation	Quantity	
		AB H	AF TM H AG H
▲ 2	Connection piece (+5+6)	2	2
3	Flange seal See 40	6	6
4	Flange bolt	18	24
5	Plug	1	1
6	Plug seal (see 40)	2	2
7	Pressure gauge valve (+8+10)	1	1
8	Valve seal See 40	1	1
▲ 9	Pressure gauge	1	1
10	Pressure gauge seal See 40	1	1
11	Reducer	1	1
▲ 12	PF prefilter	2	2
▲ 15	COMPLETE VALVE -UPSTREAM	2	2
16b	Valve nut	2	-
16	Pressure screw nut	-	2
17	Nut seal See 40	2	2
18	Gasket See 40	2	2
19b	Upstream valve stem	2	-
19	Pressure screw	-	2
▲ 20	Valve	2	2
21	Valve seal See 40	2	2
22	Control wheel	2	2
23	Wheel pin	2	2
24a	Lock nut	-	2
26	Valve pin	-	2
▲ 15a	AUTOM. START VALVE -DOWNSTREAM	2	2
16	Pressure screw nut	-	2
16a	Valve nut	2	-
17	Nut seal See 40	2	2
18	Gasket See 40	2	2
19	Pressure screw	-	2
19a	Upstream valve stem	2	-
20	Valve	2	-
▲ 20a	Valve and stem (+21+25+26a)	-	2
21	Valve seal See 40	2	2
22	Control wheel	2	2
23	Wheel pin	2	2
▲ 24	Valve guide (+20+21)	2	-
24a	Lock nut	-	2
25	Spring	2	2
26a	Pin	-	2
▲ 30	Insulator (+31)	4	4
31	Insulator fixing screw and washer	4	4
▲ 32	Side member	2	2
29	Set fixing bolt and washer	-	4
▲ 130	Counter-flange (+131+132)	2	2
▲ 131	Counter-flange seal	2	2
132	Counter-flange screw	6	8
▲ 40	SET OF SEALS (+3+6+8+10+17+18+21)		

▲ Sets of parts or parts available to order.



To order spare parts specify :

- The TYPE and SERIAL NUMBER of the pumping unit (stamped on an identification plate).
- INSTRUCTIONS 1005-E00 with its revision number.
- The REFERENCE, DESIGNATION and QUANTITY of the desired parts.

STORAGE

If necessary, refer to § DISASSEMBLY / REASSEMBLY for pump disassembly.

Short duration (≤ 1 month)

	WARNING	IF PUMPING HAZARDOUS OR TOXIC FLUIDS, THE SYSTEM MUST BE FLUSHED PRIOR TO PERFORMING ANY SERVICE OPERATION.
		
Toxic or hazardous fluids can cause serious injury.		

MOUVEX pumps and motor-driven pumps are well lubricated when delivered to protect the internal parts during brief storage in a building where :

- the temperature remains between 10°C and 50°C.
- the relative humidity does not exceed 60%.
- exposure to vibration is limited.
- pump is stored in an area sheltered from bad weather and sun.

Long duration (> 1 month)

The recommendations from the manufacturer should be followed if the pump is stored with its gear motor.

Pump ports should be filled with a non-corrosive liquid that it compatible with the pump components in order to prevent corrosion.

Unpainted external surfaces of the pump (e.g. shafts, couplings, etc.) should be covered in some form of anti-corrosion protection.

The bearing should be well greased. If the pump is to be stored for more than the life of the grease, this one should be replaced in time to prevent an excessive degradation of its qualities.

The best storage conditions are inside a building that meets the conditions set out above.

If inside storage is not possible, the materials should be covered to prevent direct exposure to sun and bad weather. This protection should also prevent condensation.

The pump should be turned a few revolutions manually every two months.

Restarting

Follow the standard start-up procedure for the pump/ motor-driven pump, as well as the instructions below.

Turn the pump by hand to make sure the parts move freely.

Replace the grease used to lubricate the bearing.

If the pump has a safety bypass, remove it and inspect the parts and make sure they move freely (see § BYPASS for removal instructions).

SCRAPPING

The pump must be scrapped in compliance with the regulations in force.

During this operation, particular care must be paid to the drainage stages of the pump.