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## Installation instructions EA80R DN 15 - DN 25

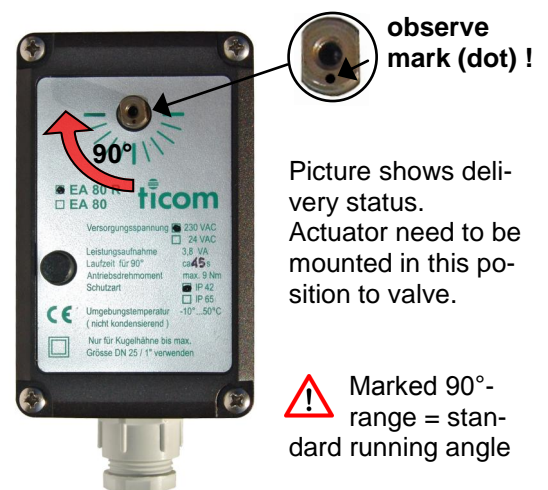
### Assembly of Actuator EA80R and valve

For ensuring the proper functioning, **make sure that both actuator and valve are correctly set when assembling!** Proceed as follows:

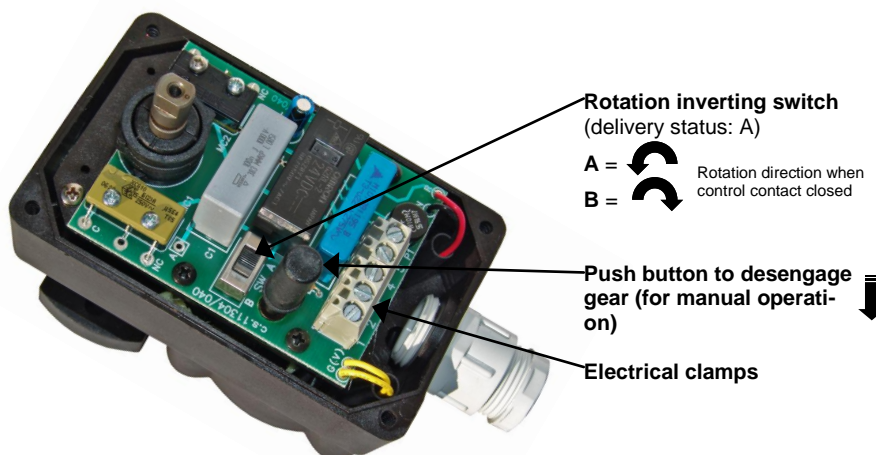
#### 1. Technical data Actuator EA80R

Power supply	230V / 50Hz
Power consumption	3,8 VA
Relay	integrated (standard)
Auxiliary switches	0
Hand lever	on request incl.
Protection class	IP 42
Switching time	45 Sec. for 90°
Torque	8,5 Nm
Ambient temperature	-10° to +50°C

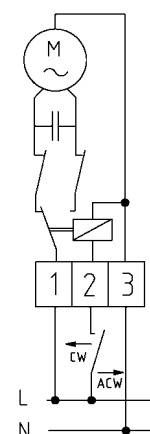
#### 2. Rotation angle




#### 3. Functions / Electrical wiring



Electr. wiring:







**Before opening actuator make sure that the system is off power!**  
 Under the cover you will find electrical clamps and sliding switch for selecting rotation direction (A or B).

 Sliding switch A / B inverts the function of control contact.

#### Electrical clamps

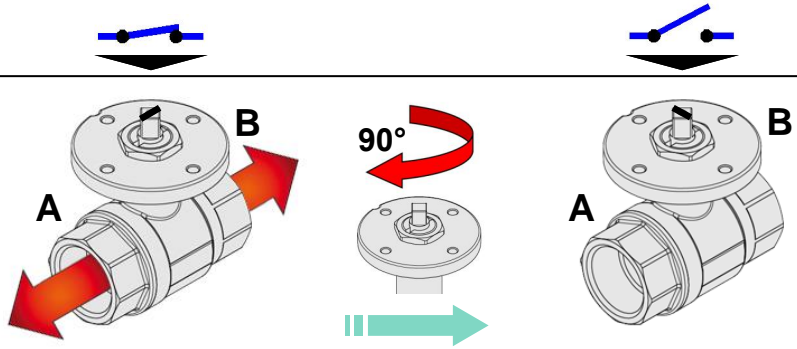
1	Steady current
2	Control contact
3	Neutral wire

#### 4. Valve

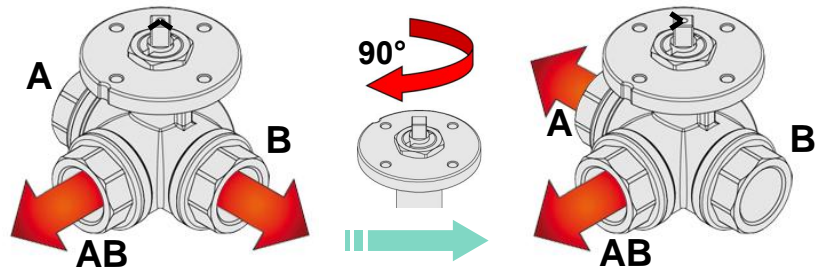
 Before mounting actuator, set the valve into the right position.  
Observe the marks on stem:   

Valve position = final position at following control contact setting:

#### 2-ways

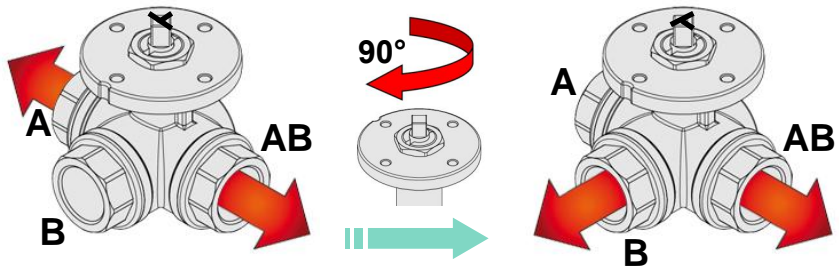


#### 3-ways L-bore

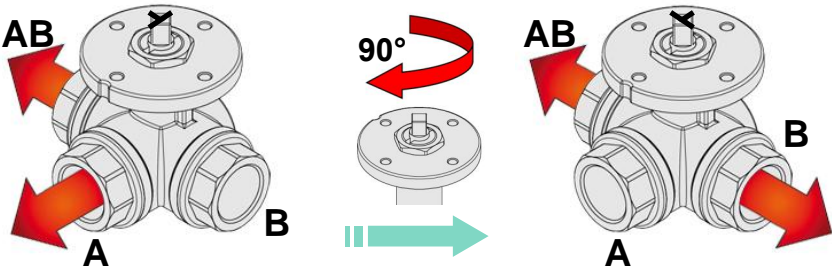


#### 3-ways T-bore

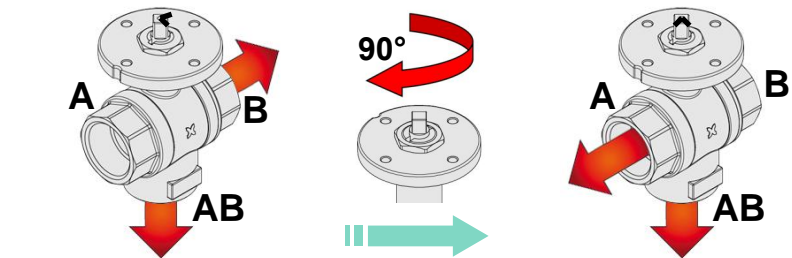
common entry / exit (AB) at right




common entry / exit (AB) at left



#### 3-ways vertical 90°



 Mounting of actuator on valve in any 90° position possible. Function of valve will **not** be affected.  
Do not install valve with actuator in hanging downward position.