

TECHNICAL SPECIFICATION

Plant Requirement Specification

Electric Valve Actuator

00 Document Reg. No. / Page No.

01 Plant	System	In-Plant Identification	Art No
02 Safety Class (SC)	Functional Class	Location	Type Approval / Qualification Report
03 Status	Prepared	Reviewed	Approved

Requirement Specification

20 Type of actuator			
21 Valve Specification reference			
22 Mech. connection to valve	Valve spindle diameter	mm	Maximum permitted torque for valve Nm
23 Valve spindle, turns for full stroke	Stroke	mm	Mechanical position indicator <input type="checkbox"/>
24 Required max/min/normal opening time / / s	Required max/min/normal closing time / / s		
25 Required torque opening/closing Start: / Nm Operation: / Nm Backseating: / Nm			
26 Position switches <input checked="" type="checkbox"/> Open <input checked="" type="checkbox"/> Closed <input type="checkbox"/> Intermediate		Torque switches	
27 Stopped in open position by <input checked="" type="checkbox"/> Travel limit switch <input checked="" type="checkbox"/> Torque switch		Stopped in closed position by <input type="checkbox"/> Travel limit switch <input checked="" type="checkbox"/> Torque switch	
28 Continuous indication <input type="checkbox"/>		Continuous indication interface	
29 Power supply - Motor	Aux. power supply - Switches		
30 Degree of protection - motor	Degree of protection – terminal box		
31 Remarks			

Service Conditions

51 Normal operation	52 Extreme operation	53 Accident Conditions
Additional	Additional	Accident Transients
54 Remarks		

General Technical and Quality Requirements

71 Technical and Quality Requirements			
TBE 100	KBE 100	TBE 108	
72 Environmental Specifications TBE 101, Severity		Additional Environment severities	
73 Additional Requirements			
74 Safety Class (SC)	Functional Class	General Inspection Plan KBE IP -108	Final Inspection plan
75 Remarks			

Surface treatment, Painting system

91 Surface treatment	Painting system
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