



Гидромаш Инжиниринг
044-502-39-31

SuperCap rotary actuator with emergency control function and extended functionalities for butterfly valves

- Nominal torque 90 Nm
- Nominal voltage AC/DC 24 V
- Control Open-close
- Design life SuperCaps: 15 years



Technical data

Electrical data	Nominal voltage	AC/DC 24 V
	Nominal voltage frequency	50/60 Hz
	Nominal voltage range	AC 19.2...28.8 V / DC 21.6...28.8 V
	Power consumption in operation	11 W
	Power consumption in rest position	2 W
	Power consumption for wire sizing	20 VA
	Power consumption for wire sizing note	I _{max} 20 A @ 5 ms
	Connection supply / control	Cable 1 m, 3 x 0.75 mm ²
	Parallel operation	No
Functional data	Torque motor	Max. 90 Nm (not constant)
	Setting emergency setting position (POP)	NC / NO, adjustable (POP rotary button)
	Manual override	with push-button
	Running time motor	150 s / 90°
	Running time emergency control position	35 s / 90°
	Running time emergency setting position note	<35 s @ 0...50 °C
	Sound power level motor	52 dB(A)
	Sound power level emergency control position	61 dB(A)
	Position indication	Mechanically (integrated)
Safety	Protection class IEC/EN	III Safety Extra-Low Voltage (SELV)
	Protection class UL	UL Class 2 Supply
	Degree of protection IEC/EN	IP54
	Degree of protection NEMA/UL	NEMA 2, UL Enclosure Type 2
	EMC	CE according to 2014/30/EU
	Certification IEC/EN	IEC/EN 60730-1 and IEC/EN 60730-2-14
	Certification UL	cULus according to UL 60730-1A, UL 60730-2-14 and CAN/CSA E60730-1:02
	Mode of operation	Type 1.AA
	Rated impulse voltage supply / control	0.8 kV
Mechanical data	Control pollution degree	3
	Ambient temperature	-30...50 °C
	Non-operating temperature	-40...80 °C
	Ambient humidity	95% r.h., non-condensing
	Maintenance	Maintenance-free
	Connection flange	F05
	Weight	4.1 kg
	Terms	Abbreviations
		POP = Power off position / emergency setting position CPO = Controlled power off / controlled emergency control function PF = Power fail delay time / bridging time