

Application

Servomotors are designed for control and regulation of taps, valves, louvers, heating and air conditioning equipment. Servomotors are mounted to the controlled device by a connecting component or by a yoke

Functional description

- selectable force and speed of movement
- selectable input signal
- selectable output signal

Technical data

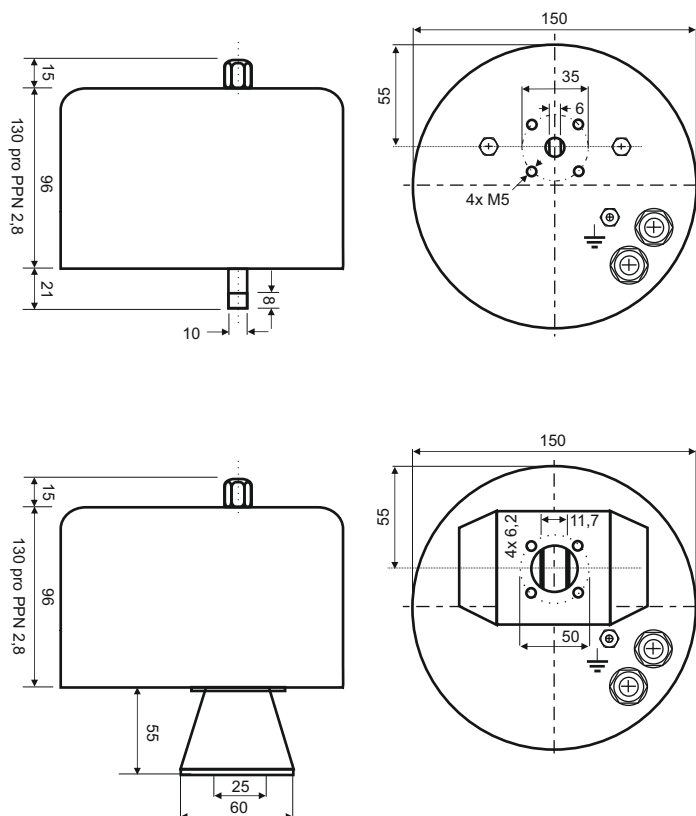
- rated force 8-50 Nm
- speed of movement 15-90 sek / 90°
- input 3 point
4-20 mA
0-10 V
- output 100 ohm resistance
R/I 4-20 mA - two wire
R/I 4-20 mA - four wire
R/U 0-10 V
- rated force switches
- heating element
- supply voltage 230Vac
- frequency 50/60Hz
- power drain max 8/19VA
- ambient temperature -20 až 60°C
- housing protection Ip65

Certification

- EC declaration of conformity
- ISO9001/2016



Overall dimensions

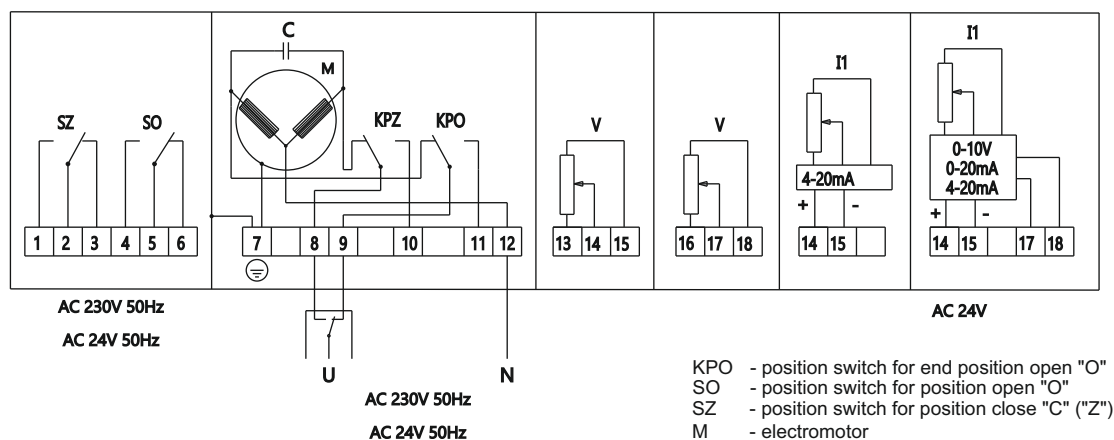


Specification table

PPN2- XX. X X. X X. XX.

08.	8 Nm/15s	Torque / closing time of 90°
12.	12 Nm/30s	
20.	20 Nm/60s	
35.	35 Nm/90s	
62.	12 Nm/15s	
60.	20 Nm/30s	
65.	35 Nm/60s	
66.	50 Nm/90s	
80.	20 Nm/15s	
85.	35 Nm/30s	
86.	50 Nm/60s	
99.	acc. to the agreement	
0	230V/50Hz/60Hz	supply voltage
2	24V/50Hz/60Hz	
2.	KPO;KPZ	position switch
4.	KPO;KPZ;SO;SZ	
9.	acc. to the agreement	
0	Without	resistance /U or I type
1	0-10V	
2	0-20 mA	
4	4-20 mA	two wire type R, I
5	0-100 ohm	resistance only transmitter
6	0-1000 ohm	
0. 00.	Milling shaft0-10	
1. 00.	Stand without joints	
2. 00.	Stand with 2 joints with lever	
3. 00.	Stand with 4 joints with lever	
6. 00.	Stirrup D50, 4xM6, coupling with a groove 11.7mm	
6. 02.	Valve type L30 SĚA DN100	
6. 20.	Valve EBRO to DN100	
6. 21.	Valve EBRO to DN125	
6. 22.	Valve EBRO to DN150	
7. 00.	Ball valve GIACOMINI to DN50	
7. 20.	Ball valve GIACOMINI to DN32	
8. 01.	Partition valve in silos 4xM10 to DN85	
8. 02.	Damper in silos	
9. 00.	acc. to the agreement	

Schematic diagram



- KPO - position switch for end position open "O"
- SO - position switch for position open "O"
- SZ - position switch for position close "C" ("Z")
- M - electromotor
- C - condenser
- V - resistance transmitter 100 ohm
- I1 - resistance transmitter with R/I converter 4-20 mA - two wire type
- I2 - resistance transmitter with R/I converter 4-20 mA - four wire type