

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

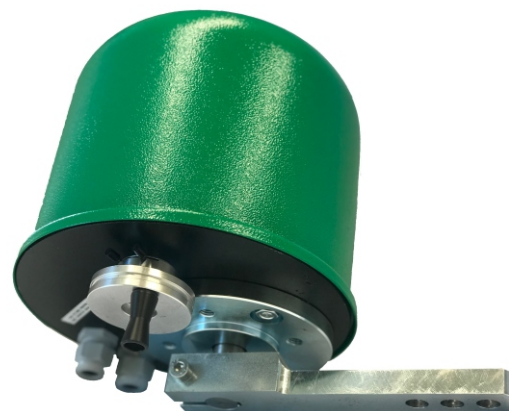
- selectable force and speed of movement
- selectable input signal
- selectable output signal
- selectable position microswitches
- selectable hand operation

Technical data

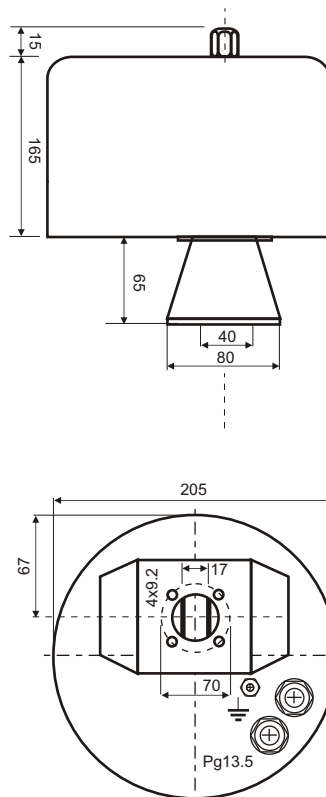
- rated force 35-135 Nm
- speed of movement 15-90 sec / 90°
- input 3 point
4-20 mA
0-10 V
- output 100 ohm resistance
R/I 4-20 mA two-wire
R/U 0-10 V
- rated force switches
- heating element
- supply voltage 230Vst/24Vst
- frequency 50/60Hz
- power drain max 19VA
- ambient temperature -20 až 60°C
- housing protection IP65

Certification

- EU declaration of conformity
- ISO9001/2016



Overall dimensions



Specification table

PPN3-	XX.	X	X.	X	X.	X	X
	00						25 Nm/15s
	10						60 Nm/30s
	12						100 Nm/60s
	13						135 Nm/90s
	35						32 Nm/15s
	75						75 Nm/30s
	20						100 Nm/10s
	99						Acc. to the agreement
	0						230V /50Hz/60Hz
	2						24V /50Hz/60Hz
	2						KPO, KPZ
	4						KPO, KPZ, SO, SZ
	9						Acc. to the agreement
	0						Without equipment
	1						0 - 10 V
	2						0 - 20 mA
	3						4 - 20 mA
	4						4 - 20 mA
	5						0 - 100 ohm
	6						0 - 1000 ohm
	9						Acc. to the agreement
	1	0	0				Stand with lever
	6	0	0				Stirrup, clutch BURACCO serie 900, DN 200
	6						FX.SX valve ISO/F=caliper pitch dimension/S=clutch size (for order specify dimensions of connection)
	6						FX.SXD valve ISO/F=caliper pitch dimension/S=clutch size/D=clutch diagonally
	8	0	1				Partition valve in silos, 4xM10 to D85(PPN3-20.XX.XX ...)
	8	0	2				Partition valve in silos, 4xM10 to D85(PPN3-20.XX.XX ...)
	8	0	3				Partition valve in silos 2xM16 on pitch 100 mm(PPN3-20.XX.XX...)
	9	0	0				Acc. to the agreement

Table is relevant for 3 point driving input.

According to agreement it is possible to provide actuators with analog control input 0-10V, 0-20mA, 4-20mA and external hand operation wheel.

For example: PPN3-XX.XX.XX.XX / with control unit 4-20mA

Schematic diagram

