



Description:

The Quifer KP Series pneumatic actuator body is manufactured from extruded aluminium with a hard anodised treatment to both internal and external surfaces. The end caps are manufactured from cast aluminium whilst the drive shaft is nickel plated steel. All components feature very high corrosion resistance and have surpassed the DIN 50021 SS 1000 hour salt spray test.

All actuators have dual travel stops for both the open and closed position. Springs are pre-loaded to ensure safety when removing end caps. Double acting actuators can easily be converted to spring return and vice versa.

Specification:

- Working Pressure : Double Acting : 1 to 8 bar
Single Acting : 3 to 8 bar
- Air supply : Air or non-corrosive gas (ie. Nitrogen)
- Working Temperatures : From -20° to +100°C (-40°C Low Temperature option available)
- Lubrication : Lubricated for normal working life
- Rotation : Anti-clockwise opening
To reverse actuator rotation, invert pistons
- Movement : Rotation 90° (Adjustable ±2.5° each end of stroke)

ACTUATOR	AIR VOLUME/STROKE (LITRES)		OPERATING TIME AT 6 BAR (SECS)				WEIGHT (KG)	
	OPENING	CLOSING	DOUBLE ACTING	SINGLE ACTING	OPENING	CLOSING	DOUBLE ACTING	SINGLE ACTING
KP-5	KPM-5	0.17	0.19	<1	<1	<1	1.5	1.8
KP-8	KPM-8	0.36	0.45	<1	<1	<1	2.5	3
KP-12	KPM-12	0.53	0.66	<1	1	<1	3.6	4.3
KP-20	KPM-20	0.81	0.91	<1	2	1	4.7	5.5
KP-30	KPM-30	1.12	1.37	1	2	1	7.1	8
KP-40	KPM-40	1.72	1.90	2	2	1	9.2	10.6
KP-60	KPM-60	2.64	3.19	2	5	2	12.7	15
KP-100	KPM-100	3.94	4.41	3	5	3	17.5	21
KP-140	KPM-140	4.13	4.71	4	7	4	22.5	32
KP-200	KPM-200	6.29	8.05	5	8	5	34	40
KP-250	KPM-250	7.66	8.75	6	10	6	40	46
KP-370	KPM-370	14.15	17.49	7	17	11	60	77
KP-500	KPM-500	21	26	13	21	13	125	139