

RC200

Pneumatic Actuators SR – with spring return

TORQUE Nm

4,1 bar/60 psi*

Type	Air opens →			Spring closes →		
	0°	60°	90°	90°	30°	0°
RC210-SR	14	6	7,5	12	6	8,5
RC220-SR	29	12	15	25	12	17
RC230-SR	54	23	29	47	23	33
RC240-SR	110	47	58	96	47	66
RC250-SR	170	74	90	150	74	100
RC260-SR	345	150	180	305	150	210
RC265-SR	560	225	250	420	205	305
RC270-SR	710	310	380	630	310	430
RC280-SR	1430	620	760	1270	620	870

TORQUE Nm

6 bar/87 psi*

Type	Air opens →			Spring closes →		
	0°	60°	90°	90°	30°	0°
RC210-SR	20	9	11	18	9	12
RC220-SR	41	18	22	37	18	25
RC230-SR	78	33	41	69	33	47
RC240-SR	158	68	84	140	68	96
RC250-SR	245	105	130	215	105	150
RC260-SR	500	215	265	440	215	305
RC265-SR	730	305	330	610	330	440
RC270-SR	1030	440	550	910	440	620
RC280-SR	2080	900	1110	1840	900	1260

Air 5,5 bar/80 psi - Springs for 87 psi

Type	Air opens →			Spring closes →		
	0°	60°	90°	90°	30°	0°
RC210-SR	18	7	8,5	18	9	12
RC220-SR	36	15	18	37	18	25
RC230-SR	68	28	33	69	33	47
RC240-SR	138	56	67	140	68	96
RC250-SR	210	88	105	215	105	150
RC260-SR	440	180	210	440	215	305
RC265-SR	670	260	290	570	360	410
RC270-SR	910	370	440	910	440	620
RC280-SR	1820	740	880	1840	900	1260

7 bar/100 psi*

Type	Air opens →			Spring closes →		
	0°	60°	90°	90°	30°	0°
RC210-SR	24	10	13	21	10	14
RC220-SR	48	21	26	43	21	29
RC230-SR	92	39	48	81	39	55
RC240-SR	185	80	98	163	80	115
RC250-SR	290	125	155	255	125	175
RC260-SR	580	250	310	515	250	350
RC265-SR	935	360	425	695	355	525
RC270-SR	1210	520	640	1060	520	720
RC280-SR	2430	1050	1290	2150	1050	1470

* Springs adapted to air pressures above

AIR CONSUMPTION RC200-SR

Free air at 6 bar air pressure

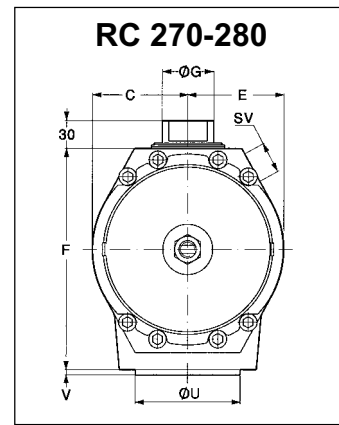
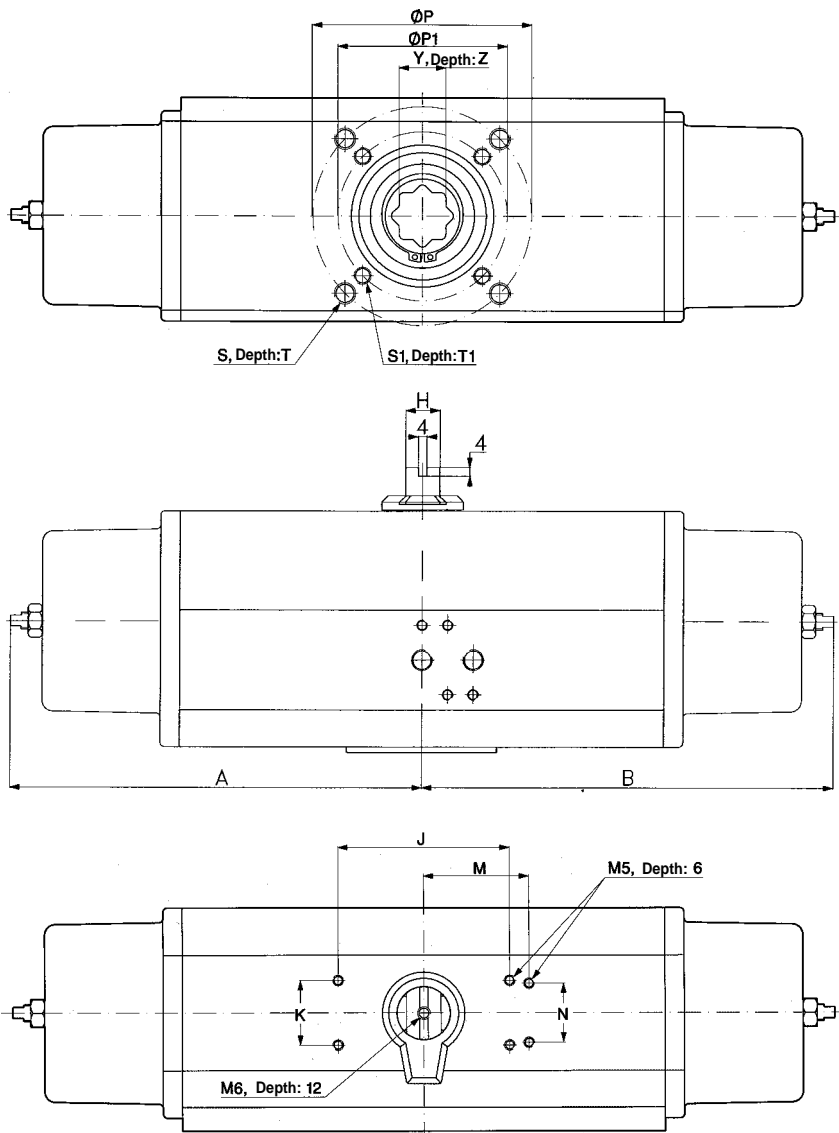
Type	dm ³
RC210-SR	1,1
RC220-SR	1,3
RC230-SR	4,0
RC240-SR	5
RC250-SR	13
RC260-SR	16
RC265-SR	36
RC270-SR	54
RC280-SR	67

OPERATION TIME RC200-SR

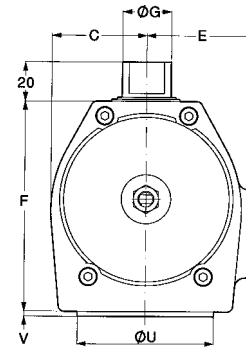
At 6 bar air pressure

Type	Anticlockwise and clockwise rotation sec.
RC210	<0,5
RC220	<0,3
RC230	<0,25
RC240	<1
RC250	<2,5
RC260	<2,5
RC265	<1,5
RC270	<6
RC280	<5

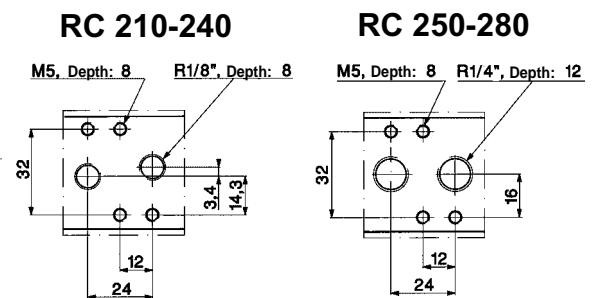
The times relate to full air flow and may increase depending on solenoid valves and the dimensions of connecting pipes.



RC 270-280



RC 210-260



RC 210-240

RC 250-280

Technical data:

Max. working pressure 10 bar. Operating medium: air or inert gases. On request also low pressure hydraulics.
Ambient temperature: -20 to +80 °C. Actuators for other temperature ranges can be delivered on request.

MEASUREMENTS RC200-SR Standard design

Type	N.FI	A	B	C	E	F	G	H	J	K	M	N	FI	P	S	T	FI	P1	S1	T1	U	V	Y**	Z	Weight kg
RC210-SR	F05	45	150	32	41	75	16	10	35,4	35,4	40	30	F05	50	M6	11	-	-	-	-	35	2	14	19	1,5
RC220-SR	F05	150	150										F05	50	M6	11					35		14	19	2,2
RC230-SR	F07	65	200	49	55	110	25	16					F10*	102*	M10*	17*	F07	70	M8	14	55		17	30	4,2
RC240-SR	F10	200	200						80	30	-	-	F10	102	M10	17	F07*	70*	M8*	14*	70	3	22	30	7,0
RC250-SR	F10	90	285	69	75	155	35	22					F12*	125*	M12*	21*	F10	102	M10	17	70		37	12,4	
RC260-SR	F12	285	285										F12	125	M12	21	F10*	102*	M10*	17*	85		27	37	18,5
RC265-SR	F12	317	317	76	76	202	35	22					F12	125	M12	21	-	-	-	-	85	3	27	37	26,6
RC270-SR	F14	145	510	110	110	248	60	40	130				F14	140	M16	25	-	-	-	-	100	4	36	64	45,0
RC280-SR	F16	510	510										F16	165	M20	32	F12*	125*	M12*	25*	130	5	46	64	68,0

N.FI = Nominal ISO/DIN flange. I.e. mounting hole circle to valve, guide ring diameter U and measure Y follow the same standard flange.

SV = Connection to solenoid valve on RC270-280.

* = Extra mounting holes on all RC230-260 and 280 for alternative ISO/DIN hole pattern.

** = Tolerance H9. The hole is octagonal and adapts to valve stems with squares both in 90° and 45° direction.

RC265: Extra mounting holes on the bottom side, please see leaflet No. 887.

RC270 also has the following hole pattern on the bottom side: CC 170 x 110 mm placed alongside the actuator, 4 pcs M16, depth 25 mm.

RC280 also has the following hole pattern on the bottom side: CC 234,7 x 97,2 mm, 4 pcs M16, depth 25 mm, which corresponds to 4 pcs of 8 pcs F25-holes.

Regarding special designs: Please ask for a special brochure from Remote Control.

We reserve our right for modifications caused by technical development

