



RD/RS

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

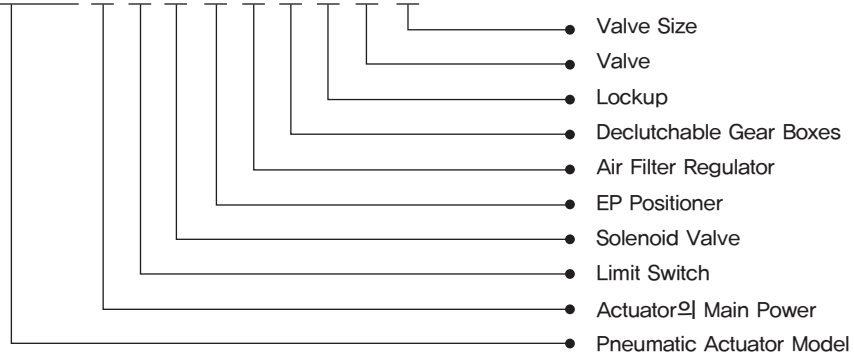
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Казань (843)206-01-48	Набережные Челны (8552)20-53-41	Саратов (845)249-38-78	Ярославль (4852)69-52-93

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II Purchase Product Code (Actuator + Valve)

II RD/RS Series (Rack & Pinion Type)

ex) 01RD2000000XA

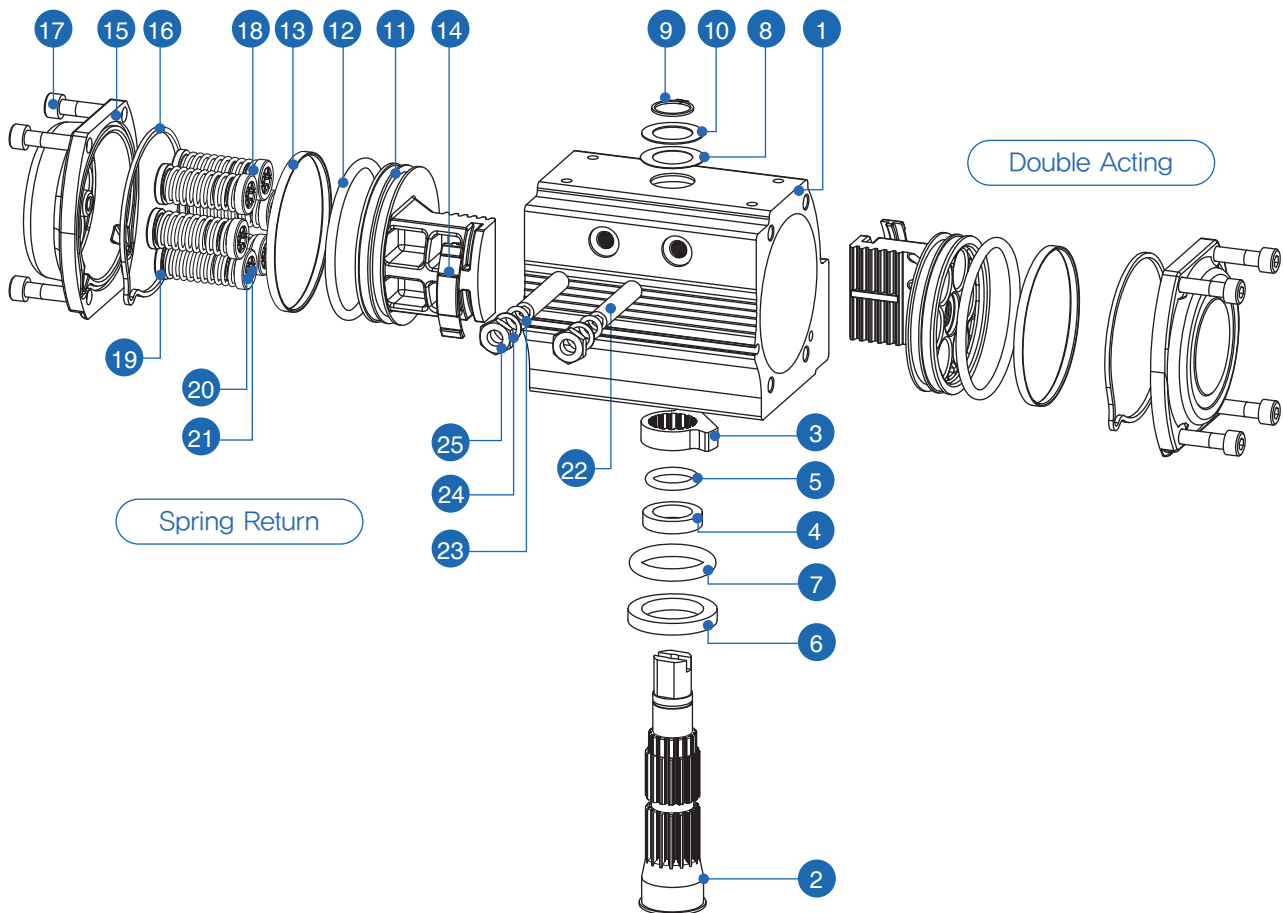


ACTUATOR										MOV														
	Model		Main Power		Limit Switch		EP Positioner		Declutchable Gear Boxes		Valve		Size											
RD/RS Series (Rack&Pinion Type)	RD/RS40	01RD/RS	110V	1	X	0	X	0	X	0	BALL	X	8	1	125	J	650	V						
	RD/RS50	02RD/RS	220V	2	O	1	O	1	O	1	BFV	Y	10	2	150	K	700	W						
	RD/RS65	03RD/RS	380V	3	Solenoid Valve		Air Filter Regulator		Lock Up		GLOBE	GL	15	A	200	L	750	X						
	RD/RS80	04RD/RS	440V	4							GATE	GA	20	B	250	M	800	Y						
	RD/RS100	05RD/RS	AC24V	7	X 0 AC12V 1 AC24V 2 AC110V 3 AC220V 4 DC110V 5		X 0 O 1		X 0 O 1															
	RD/RS125	06RD/RS	DC24V	8															25	C	300	N	900	Z
	RD/RS140	07RD/RS																	32	D	350	P		
	RD/RS160	08RD/RS																	40	E	400	Q		
	RD/RS210	09RD/RS																	50	F	450	R		
																			65	G	500	S		
				80															H	550	T			
				100	I	600	U																	

1. Operating Mechanism

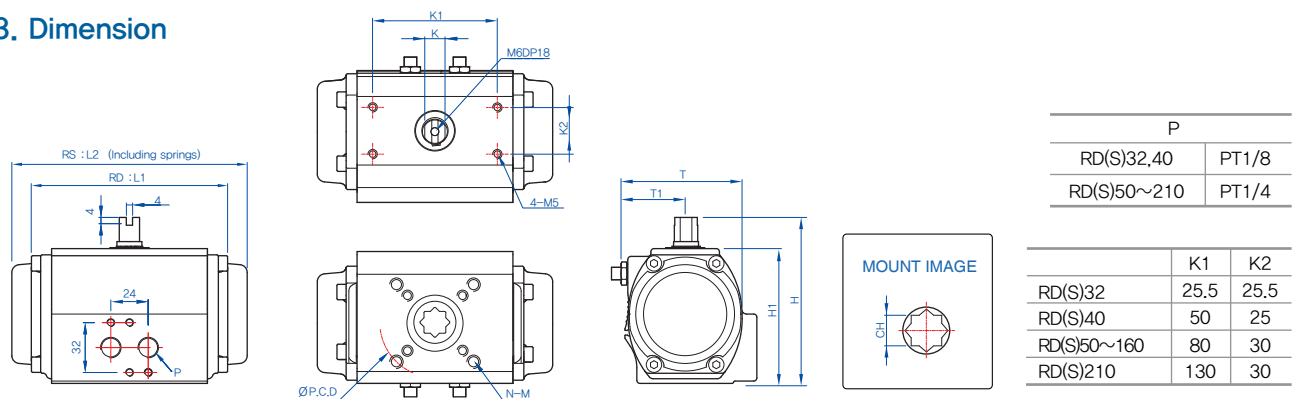
Double Acting	Acting "A"			
	Acting "A" (Fail Close)			
Spring Return	Acting "A" (Fail Open)			
	Acting "A" (Fail Open)			

2. Part List



NO.	Part Name	Q'ty'	Materials	NO.	Part Name	Q'ty'	Materials	
1	Body	1	Aluminum Alloy	14	Piston Pad	2	Engineering Plastic	
2	Shaft	1	Steel Alloy (Nickel Plated)	15	Cover	2	Aluminum Alloy	
3	Stopper	1	SCM	16	Cover O-ring	2	NBR	
4	Bushing	1	SMF	17	Cover Bolt	8	Stainless Steel	
		1	Copper	18	Spring Set	Spring	8	Steel Alloy
5	Body O-ring	1	NBR	19		Spring Cap (Top)	8	Engineering Plastic
6	Bushing	1	Copper	20		Spring Cap (Bottom)	8	Engineering Plastic
7	Body O-ring	1	NBR			21	Nylon Nut	8
8	Body Washer	2	Engineering Plastic	22	Adjust Bolt		2	Stainless Steel
10	Body Snap-ring	1	Stainless Steel	23	Adjust O-ring	2	NBR	
11	Position	2	Aluminum Alloy	24	Adjust Washer	2	Stainless Steel	
12	Piston O-ring	2	NBR	25	Adjust Nut	2	Stainless Steel	
13	Piston Guide-ring	2	Engineering Plastic					

3. Dimension



Unit : mm

Model	ISO	P.C.D	N-G	K	L1 (RD)	L2 (RS)	T	T1	H	H1	CH	DTH	Code No. RD	Code No. RS
RD/RS32	F03	36	4-M5	7	66	—	45	25	55	45	9x9	9	01RD2000000	01RS2000000
RD/RS40	F03/F05	36/50	4-M5/4-M6	9	97	97	63	32	75	55	9x9	9	02RD2000000	02RS2000000
RD/RS50	F03/F05/F07	36/50/70	4-M5/4-M6/4-M8	9	119	133	75	40	90	70	11x11	13	03RD2000000	03RS2000000
RD/RS65	F05/F07	50/70	4-M6/4-M8	13	131	154	89	46	106.5	86.5	14x14	16	04RD2000000	04RS2000000
RD/RS80	F07	70	4-M8	19	189	220	101	49.5	126	106	17x17	19	05RD2000000	05RS2000000
RD/RS90	F07	70	4-M8	19	188	223	104	54.5	136	116	17x17	19	06RD2000000	06RS2000000
RD/RS100	F07/F10	70/102	4-M8/4-M10	19	229	256	132	61.5	148	128	22x22	26	07RD2000000	07RS2000000
											17x17	19		
RD/RS125	F07/F10	70/102	4-M8/4-M10	19	299	330	151	71.5	174	154	22x22	19	08RD2000000	08RS2000000
RD/RS140	F10/F12	102/125	4-M10/4-M12	24	332	389	164	77	192	172	27x27	30	09RD2000000	09RS2000000
											22x22	19		
RD/RS160	F10/F12	102/125	4-M10/4-M12	24	364	416	188	103.5	216	196	27x27	30	10RD2000000	10RS2000000
RD/RS210	F14	140	4-M16	36	444	527	231	115	284	254	36x36	30	11RD2000000	11RS2000000

4. RD Series (Rack & Pinion Type) Torque Table

Unit : Nm

Model	Supply Air						
	3Bar	4Bar	4.5Bar	5Bar	6Bar	7Bar	8Bar
RD32	3.2	4.5	5.3	6.0	7.3	8.5	9.7
RD40	5.0	7.0	8.0	9.0	11.0	12.8	14.7
RD50	10.3	13.7	15.5	17.1	20.6	24.0	27.4
RD65	19.1	25.4	28.5	31.8	38.2	44.6	50.0
RD80	39.3	52.2	53.8	65.3	78.4	91.5	104.7
RD90	57.8	77.1	86.8	96.4	115.7	134.9	153.8
RD100	84.4	112.5	126.5	140.6	168.7	196.8	220.4
RD125	171.2	228.4	256.9	285.4	342.5	399.5	456.6
RD140	243.3	374.4	365.0	405.5	486.6	567.7	648.8
RD160	350.7	467.6	526.0	584.4	701.3	818.2	935.2
RD210	725.4	967.2	1088.1	1209.0	1450.8	1692.6	1934.4

5. RS Series (Rack & Pinion Type) Torque Table

Unit : Nm

Model	Spring Unit	Supply Air															
		3Bar		4Bar		4.5Bar		5Bar		6Bar		7Bar		8Bar		SPRING	
		0 °	90 °	0 °	90 °	0 °	90 °	0 °	90 °	0 °	90 °	0 °	90 °	0 °	90 °	90 °	0 °
RS40	1	2.0	—	4.0	2.0	5.0	3.0	6.0	4.0	8.0	7.0	10.0	8.0	—	—	10.0	6.0
	2	1.0	—	2.0	—	3.0	—	4.0	—	6.0	2.0	8.0	4.0	8.4	6.2	12.0	9.0
RS50	5	6.8	5.3	10.2	8.7	11.9	10.4	13.6	12.1	—	—	—	—	—	—	5.0	3.5
	6	6.2	4.3	9.6	7.7	11.3	9.5	13.0	11.1	16.5	14.6	—	—	—	—	6.0	4.1
	7	5.5	3.3	8.9	6.7	10.6	8.4	12.3	10.1	15.8	13.6	19.2	17.0	—	—	7.0	4.8
	8	4.7	2.3	8.1	5.7	9.9	7.4	11.5	9.1	15.0	12.6	18.4	16.0	19.0	16.4	8.0	5.6
	9	—	—	7.4	4.6	9.2	6.4	10.8	8.0	14.3	11.5	17.7	14.9	18.2	15.4	9.1	6.3
	10	—	—	6.8	3.7	8.5	5.5	10.2	7.1	13.7	10.6	17.1	14.0	17.6	14.4	10.0	6.9
	11	—	—	—	—	7.8	4.4	9.5	6.1	13.0	9.6	16.4	13.0	16.8	13.3	11.0	7.6
	12	—	—	—	—	—	—	—	—	12.3	8.5	15.7	11.9	16.1	12.3	12.1	8.3
	5	13.2	10.1	19.6	16.5	22.8	19.7	26.0	22.9	—	—	—	—	—	—	8.9	5.9
	6	11.9	8.3	18.3	14.7	21.5	17.9	24.7	21.1	31.1	27.5	—	—	—	—	10.8	7.1
RS65	7	10.8	6.5	17.1	12.9	20.3	16.1	23.5	19.3	29.9	25.7	36.3	32.0	—	—	12.6	8.3
	8	9.6	4.7	16.0	11.1	19.2	14.3	22.4	17.5	28.7	23.8	35.1	30.2	36.1	31.1	14.4	9.5
	9	—	—	14.8	9.3	18.0	12.5	21.2	15.6	27.6	22.0	34.0	28.4	34.9	29.2	16.2	10.6
	10	—	—	13.6	7.5	16.8	10.6	20.0	13.8	26.4	20.2	32.8	26.6	33.7	27.4	18.0	11.8
	11	—	—	—	—	15.6	8.8	18.8	12.0	25.2	18.4	31.6	24.8	32.5	25.5	19.8	13.0
	12	—	—	—	—	—	—	—	—	24.1	16.7	30.4	23.1	31.3	23.8	21.5	14.2
	5	26.6	19.6	39.6	32.5	46.2	39.1	52.7	45.6	—	—	—	—	—	—	19.7	12.6
	6	24.1	15.6	37.1	28.6	43.7	35.2	50.2	41.6	63.3	54.7	—	—	—	—	23.7	15.1
	7	21.6	11.7	34.6	24.7	41.2	31.3	47.7	37.8	60.8	50.9	73.8	63.9	—	—	27.5	17.6
	8	19.1	7.7	32.1	20.7	38.7	27.3	45.2	33.8	58.3	46.9	71.3	60.0	73.4	61.7	30.7	20.1
RS80	9	—	—	29.6	16.7	36.2	23.3	42.7	29.8	55.7	42.9	68.8	56.0	70.8	57.6	35.5	22.6
	10	—	—	27.1	12.9	33.7	19.5	40.4	25.9	53.2	39.0	66.3	52.1	68.2	53.6	39.4	25.1
	11	—	—	—	—	31.2	15.5	37.7	22.0	50.7	35.0	63.8	48.1	65.6	49.5	43.3	27.6
	12	—	—	—	—	—	—	—	—	48.2	31.2	61.3	44.3	63.1	45.5	47.2	30.1
	5	38.7	27.6	57.9	46.9	67.7	56.6	77.3	66.2	—	—	—	—	—	—	30.2	19.1
	6	34.8	21.5	54.1	40.8	63.8	50.5	73.4	60.1	92.7	79.4	—	—	—	—	36.3	23.0
	7	31.0	15.6	50.2	34.8	59.9	44.6	69.6	54.2	88.8	73.4	108.0	92.7	—	—	42.3	26.9
	8	27.2	9.5	46.4	28.8	56.2	38.5	65.8	48.1	85.0	67.4	104.3	86.6	107.3	89.1	48.3	30.6
	9	—	—	42.6	22.7	52.3	32.4	61.9	42.0	81.2	61.3	100.4	80.5	103.3	82.8	54.4	34.5
	10	—	—	38.7	16.6	48.4	26.4	58.0	36.0	77.3	55.2	96.5	74.5	99.3	76.6	60.5	38.4
RS90	11	—	—	—	—	44.7	20.4	54.3	30.0	73.5	49.3	92.8	68.5	95.4	70.5	66.4	42.1
	12	—	—	—	—	—	—	—	—	69.7	43.2	88.9	62.4	91.4	64.2	72.5	46.0
	5	58.3	43.8	86.4	71.9	100.4	85.9	114.5	100.0	—	—	—	—	—	—	40.6	26.1
	6	53.0	35.6	81.2	63.8	95.2	77.8	109.3	91.9	137.4	120.0	—	—	—	—	48.7	31.3
	7	47.8	27.6	75.9	55.7	89.9	69.7	104.0	83.8	132.1	112.0	160.3	140.1	—	—	56.8	36.6
	8	42.6	19.5	70.8	47.6	84.8	61.6	98.9	75.7	127.0	103.8	155.1	131.9	159.5	135.7	64.9	41.7
	9	—	—	65.5	39.4	79.5	53.5	93.6	67.6	121.7	95.7	149.9	123.8	154.1	127.3	73.0	47.0
	10	—	—	60.3	31.3	74.3	45.3	88.4	59.4	116.5	87.6	144.6	115.7	148.7	119.0	81.2	52.2
	11	—	—	—	—	69.1	37.2	83.2	51.3	111.3	79.4	139.5	107.5	143.4	110.6	89.3	57.4
	12	—	—	—	—	—	—	—	—	106.1	71.4	134.2	99.5	138.0	45.5	97.3	62.6
RS100	5	117.1	86.7	174.3	143.9	202.8	172.4	231.3	201.0	—	—	—	—	—	—	84.5	54.1
	6	106.3	69.2	163.5	126.4	192.0	154.9	220.5	183.4	277.6	240.5	—	—	—	—	102.0	64.9
	7	95.5	52.7	152.6	109.9	181.2	138.4	209.7	167.0	266.8	224.0	323.8	281.1	—	—	118.5	75.7
	8	84.7	35.2	141.8	92.4	170.4	120.9	198.9	149.5	256.0	206.5	313.0	263.6	322.0	271.1	136.0	86.5
	9	—	—	131.0	75.9	159.5	104.4	188.1	133.0	245.1	190.0	302.2	247.1	310.8	254.2	152.4	97.3
	10	—	—	120.2	58.4	148.7	86.9	177.3	115.5	234.3	172.5	291.4	229.6	229.7	236.1	170.0	108.2
	11	—	—	—	—	137.4	70.5	165.9	99.0	223.0	156.0	280.1	213.1	288.1	219.2	186.4	119.5
	12	—	—	—	—	—	—	—	—	212.7	138.5	269.8	195.6	277.5	201.2	203.9	129.8
	5	126.3	82.5	248.0	204.2	288.5	244.7	329.1	285.3	—	—	—	—	—	—	120.3	76.4
	6	110.5	58.3	232.1	179.9	272.7	220.5	313.2	261.0	394.3	342.1	—	—	—	—	144.5	92.3
RS125	7	95.6	35.0	217.2	156.6	257.8	197.2	298.3	237.7	379.4	318.8	460.5	399.9	—	—	167.8	107.2
	8	79.7	10.7	201.4	132.4	241.9	172.9	282.5	213.5	363.6	294.6	444.7	375.7	457.4	386.4	192.0	123.1
	9	—	—	186.4	108.1	227.0	148.7	267.5	189.2	348.6	270.3	429.7	351.4	442.0	361.5	216.3	138.0
	10	—	—	170.6	83.9	211.1	124.4	251.7	165.0	332.8	246.1	413.9	327.2	425.7	336.6	240.5	153.8
	11	—	—	—	—	196.2	101.1	236.8	141.7	317.9	222.8	399.0	303.9	410.4	312.5	263.8	168.7
	12	—	—	—	—	—	—	—	—	302.0	198.6	383.1	279.7	394.1	45.5	288.0	184.6
	5	235.4	179.7	352.3	296.6	410.7	355.0	469.1	413.4	—	—	—	—	—	—	171.0	115.4
	6	211.7	145.7	328.6	262.7	387.0	321.1	445.4	379.5	562.3	496.4	—	—	—	—	205.0	139.1
	7	189.0	110.7	305.9	227.6	364.3	286.0	422.7	344								



По вопросам продаж и поддержки обращайтесь:

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