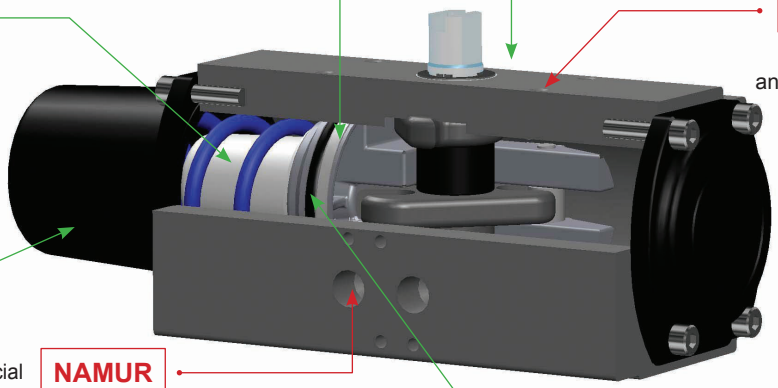
Pneumatic actuator (A/R series)



- Optimized for a ball/butterfly valves that open and close at an angle of 90˚.
- Convenient since it can be mounted directly onto the valves or accessories in accordance with the ISO standards.
- Designed conveniently to allow users to use easily.



Aluminum Body
is anodized to prevent internal/external scratches and thus securing long product life.

As there is no friction between metal to metal, product life is long and without noise.

Spring Cap
enables safer assembly/disassembly.

ISO5211/DIN3337
is the international standards, and thus the products can easily be fitted (assembled) with the accessories.

Aluminum Cover
is not easily peeled off, and its polish can last long as it is powder coated upon special surface treatment.

NAMUR
is the international standard, and thus the products can easily be fitted with solenoid valves.

NBR
The products can be used at low/high temperature as the products are available in EPDM and/or VITON in addition to the standard NBR.

▸Model range



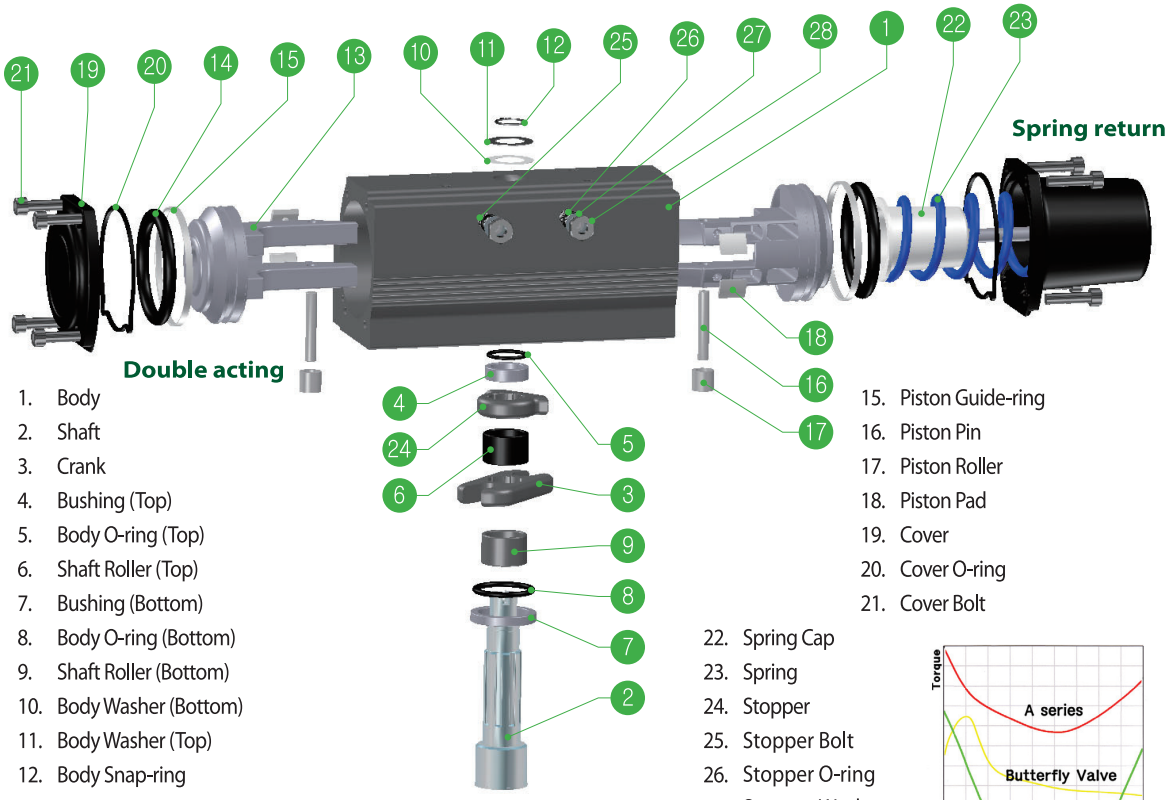
A D 65
① ② ③

① A series - Scotch yoke R series - Rack &pinion	**AD** 50/65/80/100/125/140/160/185/210/250/300
	AS 50/65/80/100/125/140/160/185/210/250/300
② D-Double acting S-Spring return	**RD** 32/40/50/65/80/90/100/115/125/140/160/185/210
③ Internal diameter	**RS** 40/50/65/80/90/100/115/125/140/160/185/210

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•Email : goldenrules2014@naver.com
Catalog Version : 3.3AR (Sep. 2015)

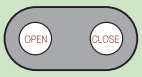
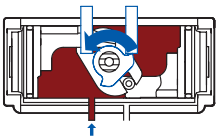
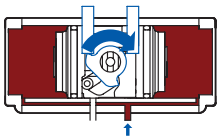
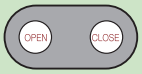
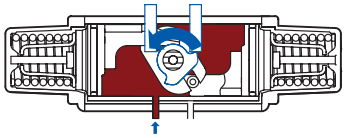
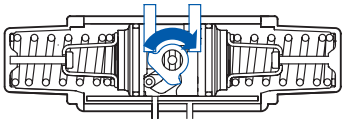
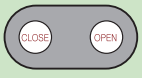
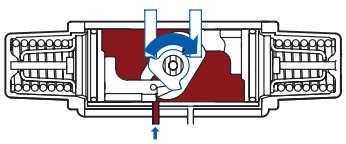
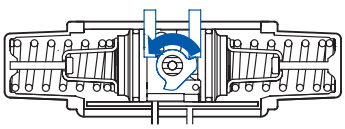
-Data contained in the Catalog may be subject to change without advance notice for improvement of performance&safety of Product.
-Contact us for the most recent product and technical information. Visit our website for more details: http://www.goldenrules.co.kr

▶Part list

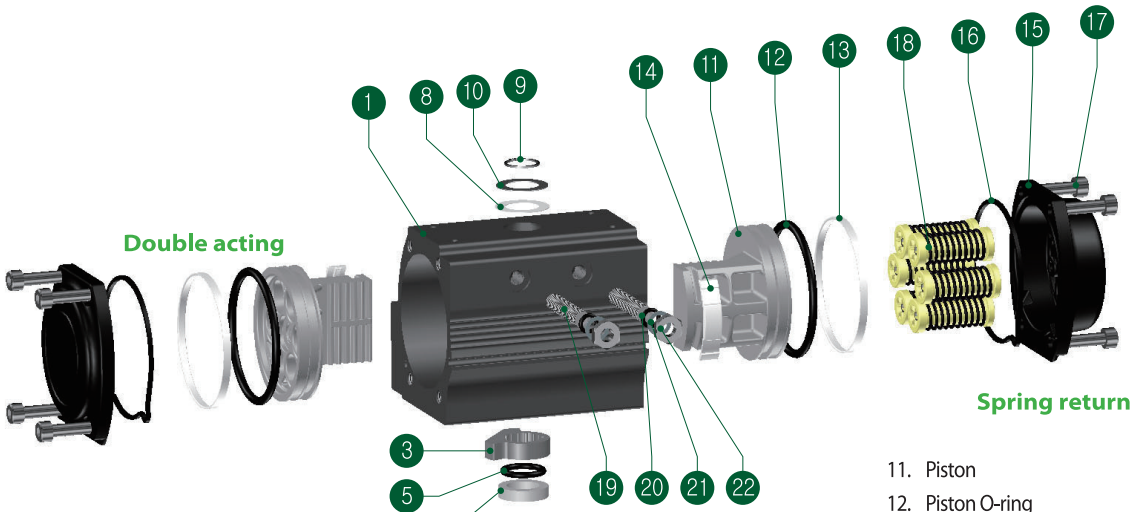


1. Body
2. Shaft
3. Crank
4. Bushing (Top)
5. Body O-ring (Top)
6. Shaft Roller (Top)
7. Bushing (Bottom)
8. Body O-ring (Bottom)
9. Shaft Roller (Bottom)
10. Body Washer (Bottom)
11. Body Washer (Top)
12. Body Snap-ring
13. Piston
14. Piston O-ring
15. Piston Guide-ring
16. Piston Pin
17. Piston Roller
18. Piston Pad
19. Cover
20. Cover O-ring
21. Cover Bolt
22. Spring Cap
23. Spring
24. Stopper
25. Stopper Bolt
26. Stopper O-ring
27. Stopper Washer
28. Stopper Nut

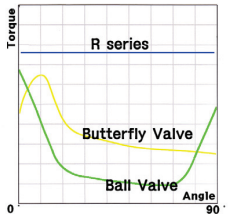
▶Operating mechanism

DOUBLE ACTING	Action "A" 	 Open	 Close
SPRING RETURN	Action "A" (Fail Close) 	 Open	 Close
	Action "B" (Fail Open) 	 Close	 Open

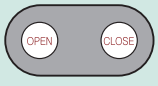
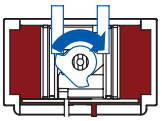
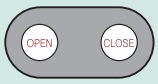
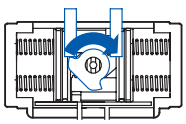
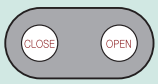
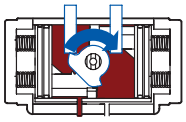
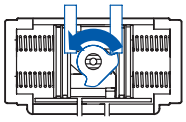
▶Part list



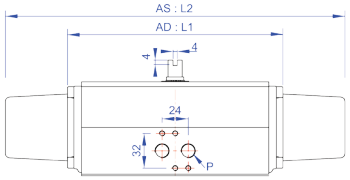
1. Body
2. Shaft
3. Stopper
4. Bushing (Top)
5. Body O-ring (Top)
6. Bushing (Bottom)
7. Body O-ring (Bottom)
8. Body Washer (Bottom)
9. Body Washer (Top)
10. Body Snap-ring
11. Piston
12. Piston O-ring
13. Piston Guide-ring
14. Piston Pad
15. Cover
16. Cover O-ring
17. Cover Bolt
18. Spring Unit
19. Stopper Bolt
20. Stopper O-ring
21. Stopper Washer
22. Stopper Nut

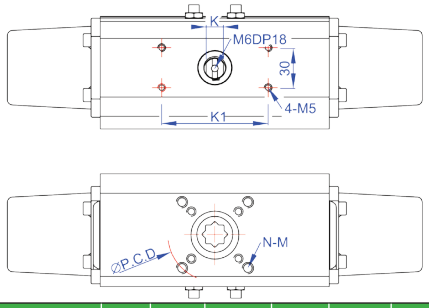


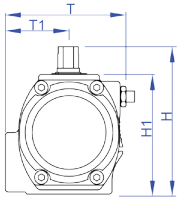
▶Operating mechanism

DOUBLE ACTING	Action "A" 	 Open	 Close
SPRING RETURN	Action "A" (Fail Close) 	 Open	 Close
	Action "B" (Fail Open) 	 Close	 Open

▶Dimension table

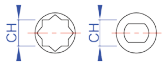






P	
A50~A210	PT1/4
A250/A300	PT1/4
	#PT3/8
	#PT1/2

MOUNT IMAGE



unit : mm

MODEL	K1	ISO	P.C.D(Ø)	N-G	K	L1	L2	T	T1	H	H1	CH	DTH	AD Wt(Kg)	AS Wt(Kg)
A50	80	F03/F05/ F07	36/50/70	4-M5/M6/M8	9	162	257	75	40	90	70	11*11	13	1.4	1.6
												#14*14	14		
												#9.7*ø15	14		
A65	80	F05/F07	50/70	4-M6/M8	13	202	314	89	46	107	87	14*14	17	2.3	3.0
												#11.7*ø17	17		
												#9.7*ø15	14		
A80	80	F07	70	4-M8	13	262	430	101	49.5	126	106	17*17	19	3.9	5.3
												#14.7*ø19	20		
A100	80	F07/F10	70/102	4-M8/M10	19	311	500	129	61.5	148	128	22*22	26	6.7	9.5
												#17.7*ø22	26		
A125	80	F07/F10	70/102	4-M8/M10	19	390	606	151	71.5	174	154	22*22	26	11.3	17.6
A140	80	F10/F12	102/125	4-M10/M12	24	431	682	164	77	192	172	27*27	30	16.4	23.9
												#22*22			
A160	80	F14	140	4-M16	24	506	781	188	89	216	196	36*36	30	23.7	36.6
		#F10/F12	#102/125	#4-M10/M12								#27*27			
A185	80/130	F14	140	4-M16	30	578	894	217	102	254	224	36*36	30	34.8	56.9
A210	130	F16	165	4-M20	36	605	982	231	115	284	254	46*46	60	45.5	77.2
		#F14										#36*36	50		
A250	130	F16	165	4-M20	36	755	1108	301	152	335	305	46*46	60	65.8	119.6
*A300	130	F16/F25	165/254	4-M20/8-M16	36	900	1344	360	170	408	378	55*55	60	78.0	145.0

▪Model with '#' is optional. ▪Model with '*' are being developed. Data can be changed.

▶Selection guide

Valve Size		Double acting		Spring return	
		Ball valve	Butterfly valve	Ball valve	Butterfly valve
1/2"	15A	AD50		AS50	
3/4"	20A				
1"	25A			AS65	
1-1/4"	32A	AD65			
1-1/2"	40A		AD50		AS50
2"	50A			AS80	
2-1/2"	65A	AD80			AS65
3"	80A		AD65	AS100	
4"	100A	AD100		AS125	AS80
5"	125A	AD125	AD80	AS140	
6"	150A	AD140		AS160	AS100
8"	200A	AD160	AD100	AS185	
10"	250A	AD185		AS210	AS125
12"	300A	AD210	AD125	AS250	AS140
14"	350A	AD250	AD140	AS300	AS160
16"	400A	AD300	AD160		AS185
18"	450A		AD185		AS210
20"~22"	500A~550A		AD210		AS250
24"~32"	600A~800A		AD250		AS300
34"~40"	850A~1000A		AD300		

▪The above data is for reference only; the actual assembly may be different depending on valve material, pressure, structure, fluid and operational environment.
▪The data is not legally effective and therefore should not be used as legal ground.

▶AD series Torque table

unit : Nm

Model	Angle	Supply Air											
		3Bar		4Bar		5Bar		6Bar		7Bar		8Bar	
		Close	Open	Close	Open	Close	Open	Close	Open	Close	Open	Close	Open
AD50	0°	29.0	21.0	37.0	28.0	38.0	37.0	42.0	41.0	46.5	45.4	50.4	49.2
	45°	15.0	16.0	20.0	21.0	25.0	26.0	30.0	31.0	33.2	34.4	36.0	37.2
	90°	25.0	25.0	33.0	38.0	39.0	40.0	50.0	52.0	55.4	57.6	60.0	62.4
AD65	0°	63.0	59.0	85.0	78.0	105.0	95.0	131.0	116.0	145.2	128.6	157.2	139.2
	45°	33.0	38.0	45.0	49.0	57.0	63.0	68.0	73.0	75.4	80.9	81.6	87.6
	90°	54.0	52.0	72.0	71.0	88.0	93.0	107.0	107.0	118.6	118.6	128.4	128.4
AD80	0°	121.0	105.0	162.0	143.0	209.0	183.0	261.0	210.0	289.3	232.7	313.2	252.0
	45°	65.0	69.0	84.0	92.0	112.0	121.0	130.0	144.0	144.1	159.6	156.0	172.8
	90°	97.0	101.0	130.0	133.0	171.0	156.0	198.0	209.0	219.4	231.6	237.6	250.8
AD100	0°	194.0	186.0	265.0	247.0	332.0	292.0	393.0	368.0	435.5	407.8	471.6	441.6
	45°	110.0	127.0	147.0	165.0	185.0	196.0	237.0	250.0	262.7	277.1	284.4	300.0
	90°	173.0	179.0	231.0	237.0	297.0	301.0	348.0	363.0	385.7	402.3	417.6	435.6
AD125	0°	428.0	432.0	576.0	551.0	725.0	678.0	886.9	793.9	983.0	880.0	1,064.3	952.7
	45°	255.0	273.0	339.0	360.0	425.0	443.0	513.0	531.0	568.5	588.5	615.6	637.2
	90°	385.0	375.0	510.0	491.0	635.0	613.0	750.0	732.0	831.2	811.2	899.9	878.3
AD140	0°	623.0	576.0	829.9	753.9	1,104.9	922.9	1,310.9	1,096.9	1,452.9	1,215.8	1,573.1	1,316.3
	45°	333.0	331.0	450.0	455.0	579.0	582.0	691.0	668.0	765.8	740.3	829.1	801.5
	90°	520.0	523.0	689.0	720.0	862.9	879.9	1,054.9	969.9	1,169.2	1,075.0	1,265.9	1,163.9
AD160	0°	952.9	812.9	1,146.9	1,061.9	1,484.9	1,311.9	1,799.9	1,599.9	1,994.9	1,773.2	2,159.9	1,919.9
	45°	540.0	569.0	730.0	757.9	919.9	948.9	1,109.9	1,132.9	1,230.2	1,255.7	1,331.9	1,359.5
	90°	879.9	978.9	1,169.9	1,319.9	1,447.9	1,634.9	1,749.9	2,026.9	1,939.5	2,246.4	2,099.9	2,432.2
AD185	0°	1,528.8	1,304.2	1,840.0	1,703.6	2,382.2	2,104.7	2,887.5	2,566.7	3,200.4	2,844.8	3,465.1	3,080.0
	45°	830.2	874.8	1,122.3	1,165.3	1,414.4	1,458.9	1,706.5	1,741.8	1,891.3	1,930.5	2,047.7	2,090.2
	90°	1,294.0	1,439.6	1,720.5	1,941.1	2,129.3	2,404.3	2,573.4	2,980.7	2,852.2	3,303.6	3,088.1	3,576.9
AD210	0°	1,979.9	1,909.9	2,799.8	2,599.8	3,299.8	3,199.8	3,919.7	3,819.7	4,344.4	4,233.6	4,703.7	4,583.7
	45°	1,099.9	1,149.9	1,459.9	1,499.9	1,919.9	1,949.9	2,299.8	2,399.8	2,549.0	2,659.8	2,759.8	2,879.8
	90°	1,669.9	1,719.9	2,149.9	2,299.8	2,799.8	2,899.8	3,349.8	3,449.8	3,712.7	3,823.5	4,019.7	4,139.7
AD250	0°	4,100.0	3,000.0	5,500.0	3,950.0	7,100.0	4,850.0	8,480.0	5,750.0	9,398.7	6,372.9	10,176.0	6,900.0
	45°	1,880.0	1,850.0	2,550.0	2,500.0	3,200.0	3,150.0	3,800.0	3,760.0	4,211.7	4,167.3	4,560.0	4,512.0
	90°	3,100.0	3,400.0	4,180.0	4,580.0	5,240.0	5,850.0	6,180.0	7,050.0	6,849.5	7,813.8	7,416.0	8,460.0
AD300	0°	7,211.0	5,049.0	9,615.0	6,732.0	12,019.0	8,416.0	14,422.0	10,099.0	15,984.4	11,193.1	17,306.4	12,118.8
	45°	2,970.0	2,970.0	3,960.0	3,960.0	4,950.0	4,950.0	5,940.0	5,940.0	6,583.5	6,583.5	7,128.0	7,128.0
	90°	5,049.0	7,211.0	6,732.0	9,415.0	8,416.0	12,019.0	10,099.0	14,422.0	11,193.1	15,984.4	12,118.8	17,306.4

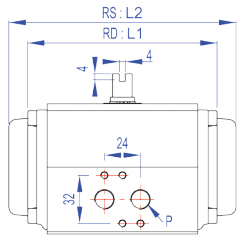
▶AS series Torque table

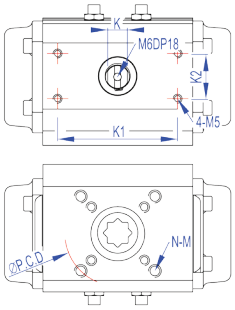
unit : Nm

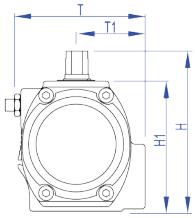
Model	Angle	Spring torque: Weak		Spring torque: Middle		Spring torque: Strong	
		Spring to Close	Air to Open:3Bar	Spring to Close	Air to Open:4.5Bar	Spring to Close	Air to Open:6Bar
AS50	0°	10.0	20.0	14.0	26.0	17.0	34.0
	45°	9.0	9.0	12.0	12.0	15.0	15.0
	90°	20.0	10.0	26.0	14.0	34.0	17.0
AS65	0°	22.0	39.0	35.0	54.0	48.0	70.0
	45°	18.0	18.0	23.0	28.0	37.0	32.0
	90°	39.0	22.0	54.0	35.0	70.0	48.0
AS80	0°	40.0	70.0	60.0	100.0	80.0	130.0
	45°	30.0	30.0	50.0	50.0	70.0	70.0
	90°	70.0	40.0	100.0	60.0	130.0	80.0
AS100	0°	70.0	140.0	100.0	190.0	130.0	240.0
	45°	50.0	50.0	80.0	80.0	110.0	110.0
	90°	140.0	70.0	190.0	100.0	240.0	130.0
AS125	0°	175.0	251.0	243.0	403.0	358.0	520.0
	45°	105.0	125.0	177.0	182.0	215.0	254.0
	90°	215.0	168.0	395.0	210.0	441.0	341.0
AS140	0°	200.0	370.0	371.0	576.0	480.0	726.0
	45°	170.0	170.0	236.0	265.0	330.0	360.0
	90°	370.0	200.0	447.0	366.0	680.0	430.0
AS160	0°	400.0	540.0	550.0	750.0	769.9	1,149.9
	45°	290.0	290.0	420.0	420.0	560.0	560.0
	90°	540.0	400.0	750.0	550.0	1,149.9	769.9
AS185	0°	641.7	866.3	882.3	1,203.1	1,235.2	1,844.8
	45°	445.8	445.8	645.7	645.7	860.9	860.9
	90°	794.1	588.2	1,102.9	808.8	1,691.1	1,132.3
AS210	0°	840.0	910.0	1,250.0	1,510.0	1,750.0	2,160.0
	45°	500.0	430.0	740.0	780.0	1,040.0	1,130.0
	90°	1,000.0	500.0	1,500.0	920.0	2,140.0	1,370.0
AS250	0°	1,540.0	1,900.0	2,120.0	2,760.0	3,060.0	3,660.0
	45°	920.0	950.0	1,320.0	1,370.0	1,830.0	1,900.0
	90°	1,800.0	1,400.0	2,470.0	2,200.0	3,550.0	2,760.0
AS300	0°	2,870.0	4,283.0	4,308.0	6,421.0	5,740.0	8,566.0
	45°	1,447.0	1,523.0	2,172.0	2,283.0	2,894.0	3,046.0
	90°	2,928.0	2,180.0	4,396.0	3,266.0	5,857.0	4,359.0

•You may select spring types from strong/middle/weak; if unspecified in P/O, the standard type (as shown in the blue box) is provided.

▶Dimension table







MOUNT IMAGE



P	
R32,R40	PT1/8
R50~R210	PT1/4

	K1	K2
R32	25.5	25.5
R40	50	25
R50~R160	80	30
R185	80/130	30
R210	130	30

unit : mm

MODEL	ISO	P.C.D(Ø)	N-G	K	L1	L2	T	T1	H	H1	CH	DTH	RD Wt(Kg)	RS Wt(Kg)
@RD32	F03	36	4-M5	7	66	-	45	25	55	45	9*9	9	0.3	-
@R40	F03/F05	36/50	4-M5/M6	9	97	97	63	32	75	55	9*9	9	0.5	0.6
	#F04	#42	#4-M5											
R50	F03/F05/F07	36/50/70	4-M5/M6/M8	9	119	133	75	40	90	70	11*11	13	1.0	1.1
	#F04	#42	#4-M5											
R65	F05/F07	50/70	4-M6/M8	13	131	154	89	46	106.5	86.5	14*14	16	1.4	1.5
	#F04/F07	#42/70	#4-M5/M8											
R80	F07	70	4-M8	19	189	220	101	49.5	126	106	17*17	19	2.9	3.3
R90	F07	70	4-M8	19	188	223	104	54.5	136	116	17*17	19	3.4	3.8
R100	F07/F10	70/102	4-M8/M10	19	229	256	132	61.5	148	128	22*22	26	4.7	5.4
											#17*17	19		
R115	F07/F10	70/102	4-M8/M10	19	264	302	137	67.5	163	143	22*22	26	6.7	7.5
R125	F07/F10	70/102	4-M8/M10	19	299	330	151	71.5	174	154	22*22	26	8.6	9.9
R140	F10/F12	102/125	4-M10/M12	24	332	389	164	77	192	172	27*27	30	12.4	14.5
											#22*22	26		
R160	F10/F12	102/125	4-M10/M12	24	364	416	188	103.5	216	196	27*27	30	16.9	19.5
R185	F14	140	4-M16	30	431	445	217	102	254	224	36*36	30	24.2	29.0
R210	F14	140	4-M16	36	444	527	231	115	284	254	36*36	30	32.3	37.9

▪Model with '@' is compact type. They don't have angle stopper. ▪Model with '#' is optional.

▶RD series 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	28.6	31.8	38.2	44.6	50.0
RD80	39.3	52.2	58.8	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
RD115	133.9	178.5	200.7	223.1	267.7	312.4	349.8
RD125	171.2	228.4	256.9	285.4	342.5	399.5	456.6
RD140	243.3	324.4	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
RD185	556.6	742.1	834.8	927.5	1,113.0	1,298.5	1,484.2
RD210	725.4	967.2	1,088.1	1,209.0	1,450.8	1,692.6	1,934.4

▶Selection guide

Valve Size		Double acting			Spring return	
		Ball valve		Butterfly valve	Ball valve	Butterfly valve
1/2"	15A	RD32 (1piece)	RD50		RS40	
3/4"	20A	RD40 (1piece)			RS50	
1"	25A		RD65		RS65	
1-1/4"	32A				RS80	
1-1/2"	40A		RD80	RD50	RS90	RS50
2"	50A			RD65	RS100	RS65
2-1/2"	65A		RD90		RS115	RS80
3"	80A		RD100/RD115	RD80	RS125	RS90
4"	100A		RD115/RD125		RS140	RS100
5"	125A		RD140	RD90	RS160	RS115
6"	150A		RD160	RD100	RS185	RS125
8"	200A		RD185	RD125	RS210	RS140
10"	250A		RD210	RD140		RS160
12"	300A			RD160		RS185
14"	350A			RD185		RS210
16"	400A			RD210		

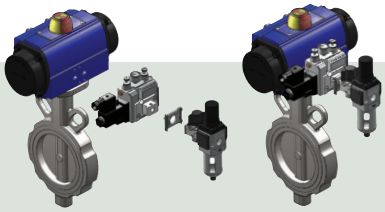
▪The above data is for reference only; the actual assembly may be different de pending on valve material, pressure, structure, fluid and operational environment.
▪The data is not legally effective and therefore should not be used as legal ground.

▶RS series Torque table

unit : Nm

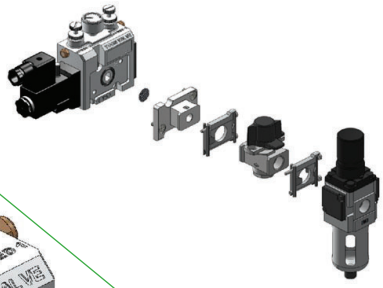
Model	Spring unit	Supply Air													
		3Bar		4Bar		4.5Bar		5Bar		6Bar		7Bar		SPRING	
		0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	90°	0°
RS40	1	2.8	1.8	4.9	3.8	5.8	4.7	6.7	5.6	8.6	7.5	10.4	9.3	2.8	1.8
	2		-	-	-	3.6	1.4	4.5	2.3	6.4	4.2	8.2	6.0	6.4	4.2
	op3	2.5	1.1	4.3	3.0	5.3	3.9	6.2	4.8	8.0	6.6	9.8	8.5	3.9	2.5
	op4	-	-	3.8	2.1	4.6	3.0	5.6	4.0	7.5	5.8	9.3	7.6	4.6	3.0
	op5	-	-	-	-	4.2	2.2	5.1	3.2	6.9	5.0	8.7	5.0	5.5	3.6
RS50	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	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	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	10.0	6.9
	11	-	-	-	-	7.8	4.4	9.5	6.1	13.0	9.6	16.4	13.0	11.0	7.6
	12	-	-	-	-	-	-	-	-	12.3	8.5	15.7	11.9	12.1	8.3
RS65	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	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	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	18.0	11.8
	11	-	-	-	-	15.6	8.8	18.8	12.0	25.2	18.4	31.6	24.8	19.8	13.0
	12	-	-	-	-	-	-	-	-	24.1	16.7	30.4	23.1	21.5	14.2
RS80	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	30.7	20.1
	9	-	-	29.6	16.7	36.2	23.3	42.7	29.8	55.7	42.9	68.8	56.0	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	39.4	25.1
	11	-	-	-	-	31.2	15.5	37.7	22.0	50.7	35.0	63.8	48.1	43.3	27.6
	12	-	-	-	-	-	-	-	-	48.2	31.2	61.3	44.3	47.2	30.1
RS90	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	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	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	60.5	38.4
	11	-	-	-	-	44.7	20.4	54.3	30.0	73.5	49.3	92.8	68.5	66.4	42.1
	12	-	-	-	-	-	-	-	-	69.7	43.2	88.9	62.4	72.5	46.0
RS100	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	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	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	81.2	52.2
	11	-	-	-	-	69.1	37.2	83.2	51.3	111.3	79.4	139.5	107.5	89.3	57.4
	12	-	-	-	-	-	-	-	-	106.1	71.4	134.2	99.5	97.3	62.6
RS115	8	56.4	25.7	93.6	62.9	112.1	81.5	130.8	100.1	168.0	137.3	205.1	174.5	85.8	55.2
	9	-	-	86.6	52.2	105.2	70.7	123.8	89.4	161.0	126.5	198.2	163.7	96.6	62.1
	10	-	-	79.7	41.4	98.2	59.9	116.9	78.6	154.1	115.8	191.2	153.0	107.3	69.1
	11	-	-	-	-	91.4	49.2	110.1	67.8	147.3	105.0	184.4	142.2	118.1	75.9
	12	-	-	-	-	-	-	-	-	140.3	94.4	177.5	131.6	128.7	82.8
RS125	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	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	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	170.0	108.2
	11	-	-	-	-	137.4	70.5	165.9	99.0	223.0	156.0	280.1	213.1	186.4	119.5
	12	-	-	-	-	-	-	-	-	212.7	138.5	269.8	195.6	203.9	129.8
RS140	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	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	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	240.5	153.8
	11	-	-	-	-	196.2	101.1	236.8	141.7	317.9	222.8	399.0	303.9	263.8	168.7
	12	-	-	-	-	-	-	-	-	302.0	198.6	383.1	279.7	288.0	184.6
RS160	8	165.3	76.7	282.2	193.6	340.6	252.0	399.0	310.4	515.9	427.3	632.8	544.3	274.0	185.4
	9	-	-	259.6	159.7	318.0	218.1	376.4	276.5	493.3	393.4	610.2	510.3	308.0	208.1
	10	-	-	236.9	125.7	295.3	184.1	353.7	242.5	470.6	359.4	587.5	476.3	342.0	230.7
	11	-	-	-	-	271.6	150.1	330.0	208.5	446.9	325.4	563.8	442.3	376.0	254.4
	12	-	-	-	-	-	-	-	-	424.3	290.4	541.2	407.3	411.0	277.1
RS185	8	221.0	102.6	377.3	258.9	455.4	337.0	533.5	415.0	689.8	571.3	846.0	727.6	366.3	247.9
	9	-	-	347.0	213.4	425.1	291.5	503.2	369.6	659.5	525.9	815.7	682.2	411.7	278.2
	10	-	-	316.7	168.0	394.8	246.1	472.9	324.2	629.2	480.4	785.5	636.7	457.2	308.5
	11	-	-	-	-	363.1	200.6	441.2	278.7	597.5	435.0	753.8	591.3	502.6	340.1
	12	-	-	-	-	-	-	-	-	567.2	388.2	723.5	544.5	549.4	370.4
RS210	8	-	-	644.0	402.2	764.9	523.1	885.8	644.1	1,127.9	885.8	1,369.9	1,127.9	565.0	323.2
	9	-	-	603.6	331.6	724.5	452.5	845.4	573.4	1,087.7	815.1	1,328.7	1,056.8	635.6	363.6
	10	-	-	563.2	260.9	684.1	381.8	805.0	502.7	1,046.5	744.5	1,288.5	986.3	706.3	404.0
	11	-	-	-	-	643.8	311.3	764.7	432.2	1,006.4	673.9	1,248.4	915.8	776.8	444.3
	12	-	-	-	-	603.3	240.6	724.2	361.5	965.9	603.3	1,208.2	845.1	847.5	484.8

Yoon sol (SPECIAL NAMUR SOLENOID VALVE)





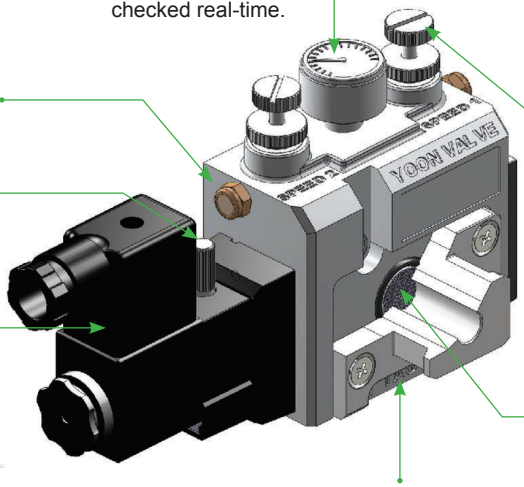
- Connected filter regulator, exhaust valve, shut off valve, etc. of domestic and foreign pneumatic equipment manufacturers with manufacturer's connection part joint, not with elbow or niddle piping.
- Reduced working time thank to easy way of fixing and secured clean and neat appearance and easy maintenance and repair.



An exclusive pressure gauge being mounted on the body of the valve, recommended pressure for actuator and the pressure when the air is supplied to actuator are shown to be checked real-time.

A silencer is mounted to reduce exhaust-noise

Manual control button is designed as a lever type (locking), not as a push button type.



Built-in speed controller that has excellent control over exhaust speed (Excellent performance in adjusting opening & closing speed of valve) Built-in speed controller that has excellent control over exhaust speed (Excellent performance in adjusting opening & closing speed of valve)

Sus mash being treated inside of the port that compressed air is supplied to, foreign substances are blocked to enter.

Low power consuming lamp connector is adopted as a standard specification

A hole to hang a valve management identification tag on the bottom of the valve body

▸Other accessory



Side Handwheel



Epoxy coated



Port pad



Side sensor