

Ball Valve, Butterfly Valve, Plug Valve, Damper Control



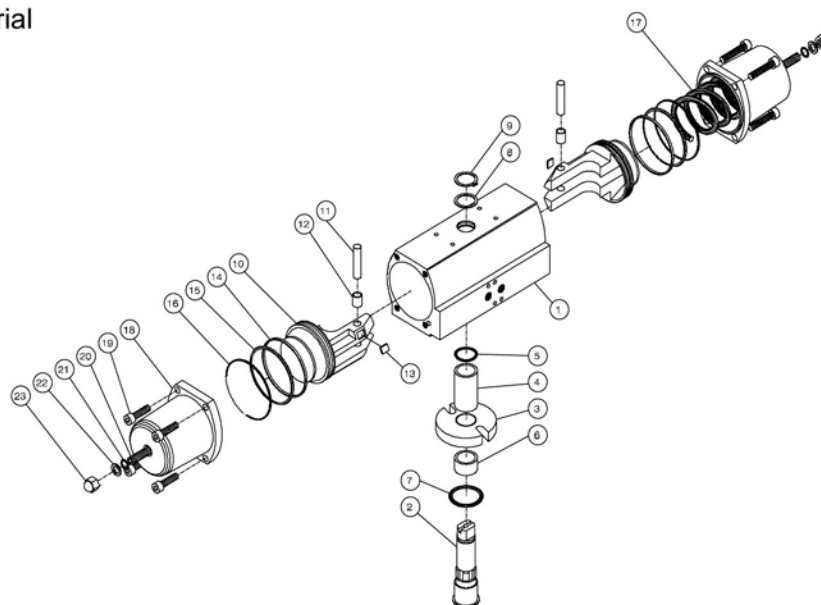
● Features

- Scotch - Yoke type
- No metal to metal touch
- I S O 5211, D I N 3337
- Anodized surface & double coated interior

● Specification

Item	AS40	AS50	AS65	AS80	AS100	AS125	AS140	AS160	AS200	AS200D
Operating Type	R&P	Scotch - Yoke								Piston
Operating Media	Compressed Dry Air									
Operating Pressure	4.5 ~ 7kg/cm²									
Rotating Angle	90° ±3°									
Operating Temperature	-10 ~ 60℃									
Weight (kg)	0.7	1.6	3.2	5.4	10	17	24	35	72.5	150

● Part and Material

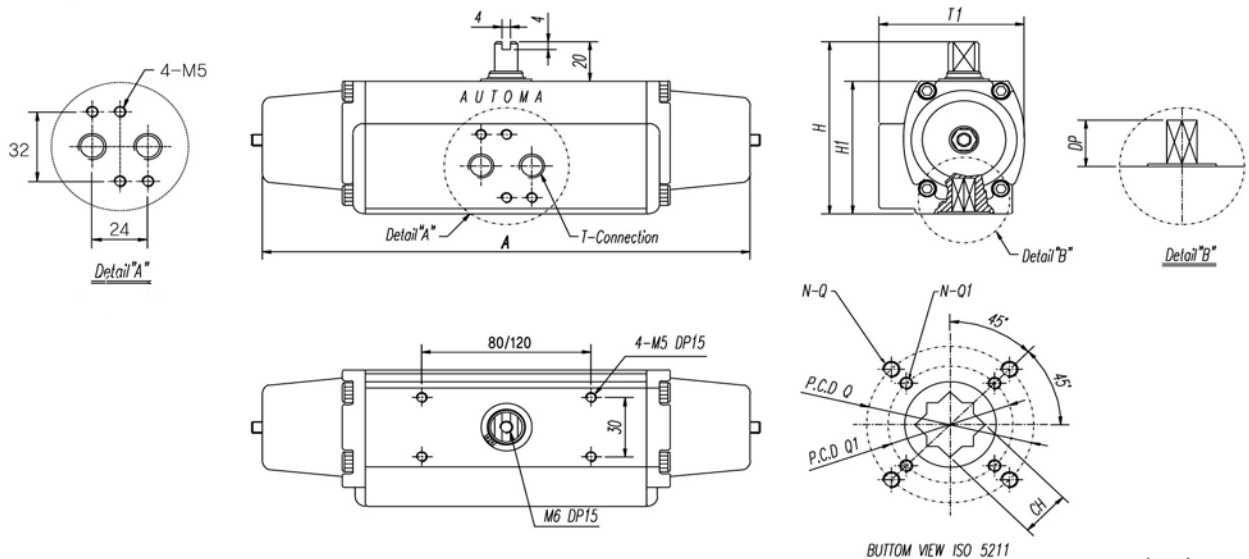


No.	Part Name	Material	No.	Part Name	Material
1	Body	Aluminum Alloy	12	Guide Bushing	Polyphithalamide
2	Drive Shaft	Steel Alloy (Nickel plated)	13	Dynamic Pad	Polyphithalamide
3	Crank	Steel Alloy (Nickel plated)	14	Piston Guide	Polyphithalamide
4	Bushing	Acetyl	15	O-ring (Guide)	NBR
5	O-Ring	NBR	16	O-ring (Cover)	NBR
6	Bushing	Acetyl	17	Spring	SUPG
7	Washer	Polyphithalamide	18	Bolt	SCM435 Plating
8	Washer	Polyphithalamide	19	Adjust Bolt	Stainless Steel
9	C-Ring	Stainless Steel	20	Adjust O-ring	NBR
10	Piston	Aluminum Alloy	21	Adjust Washer	Stainless Steel
11	Piston Pen	Steel Alloy (Nickel plated)	22	Adjust Nut	Stainless Steel

● Torque Table (N-m)

Model	Angle	Spring Torque 2~3kgf/cm ² G		Spring Torque 3~4kgf/cm ² G		Model	Angle	Spring Torque 2~3kgf/cm ² G		Spring Torque 3~4kgf/cm ² G	
		Spring to	Air to 4.5	Spring to	Air to 6			Spring to	Air to 4.5	Spring to	Air to 6
AS40	0°	4	6	5	8	AS125	0°	230	380	300	510
	45°	3	3	4	4		45°	190	190	260	260
	90°	6	4	8	5		90°	380	230	510	300
AS50	0°	14	26	17	34	AS140	0°	300	550	410	730
	45°	12	12	15	15		45°	290	290	340	340
	90°	26	14	34	17		90°	550	300	730	410
AS65	0°	35	54	48	70	AS160	0°	550	750	770	1150
	45°	23	28	37	32		45°	420	420	560	560
	90°	54	35	70	48		90°	750	550	1150	770
AS80	0°	60	100	80	130	AS200	0°	1050	1620	1420	2170
	45°	50	50	70	70		45°	940	940	1260	1260
	90°	100	60	130	80		90°	1620	1050	2170	1420
AS100	0°	100	190	130	240	AS200D	0°	1890	2916	2556	3906
	45°	80	80	110	110		45°	1692	1692	2268	2268
	90°	190	100	240	130		90°	2916	1890	3906	2556

● Dimension



Model	A	H	H1	DP	T1	P.C.D-Q1	N-Q1	P.C.D-Q	N-Q	CH	T	ISO
AS40	108	74	54	12	60	36	4-M5	50	4-M6	9x9	1/8	F03
AS50	258	87	67	13	69	36	4-M5	50	4-M6	11x11	1/4	F05
AS65	320	108	88	17	83	50	4-M6	70	4-M8	14x14	1/4	F05/07
AS80	418	123	103	19	98	-	-	70	4-M8	17x17	1/4	F07
AS100	506	143	123	26	114	70	4-M8	102	4-M10	22x22	1/4	F07/10
AS125	649	164	144	26	136	70	4-M8	102	4-M10	22x22	1/4	F07/10
AS140	716	180	160	30	158	102	4-M10	125	4-M12	27x27	1/4	F10/13
AS160	850	210	190	30	178	-	-	140	4-M16	36x36	1/4	F14
AS200	980	281	261	60	230	-	-	165	4-M20	46x46	1/4	F16
AS200D	980	552	522	60	230	-	-	165	4-M20	46x46	1/4	F16