

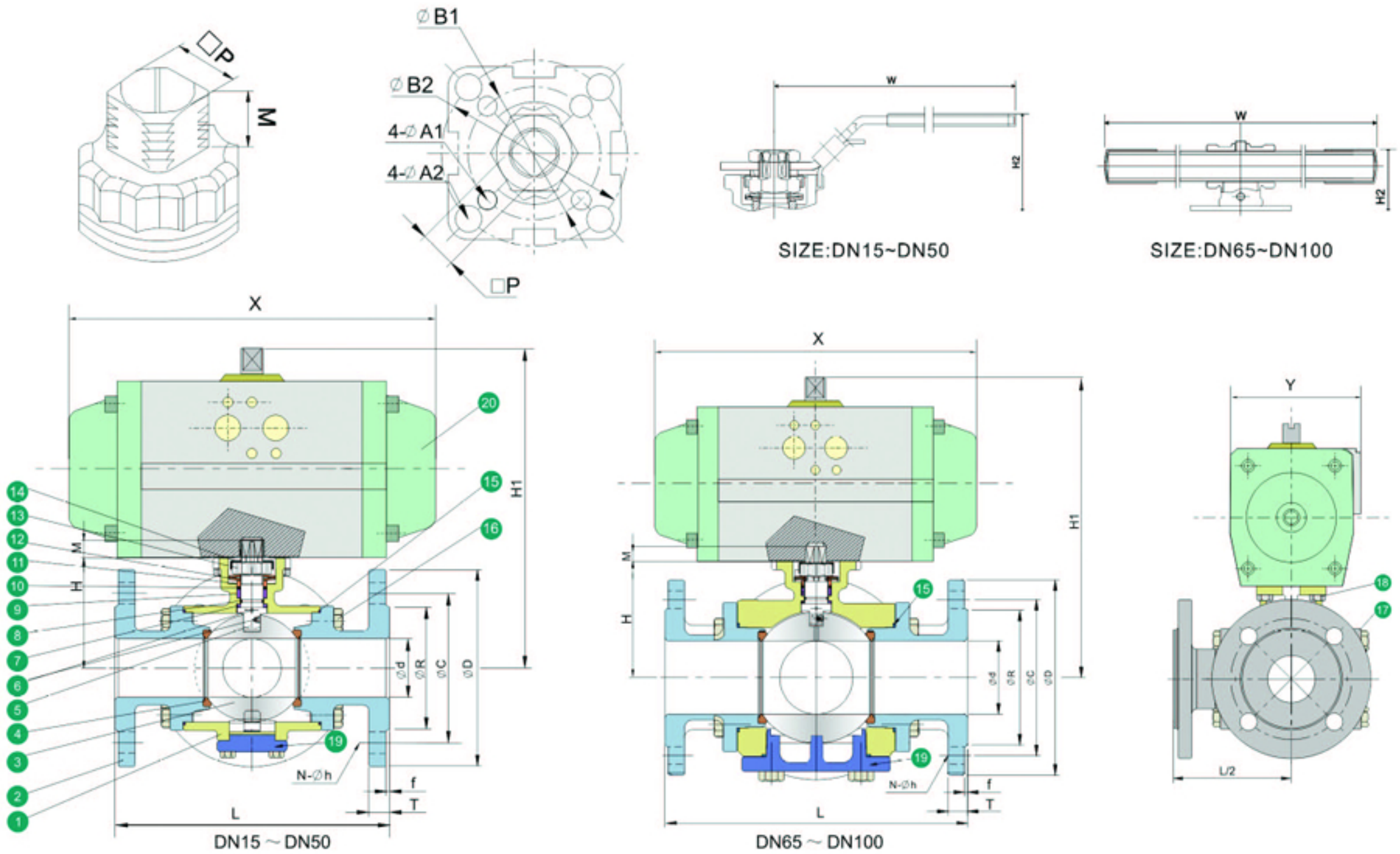
### FEATURES:

- Built-in ISO 5211 Direct Mounting Pad for Easy Automation
- Anti-Static Devices for Ball-Stem-Body
- Blow-out Proof Stem
- Pressure Balance Hole in Ball Slot
- **TA-LUFT** Design Approved
- Positive Position Location At 90° Increments
- Locking in Every 90° Increments
- MP303 FL(N) L-Port
- MP303 FT(N) T-Port
- Options: 1. Actuator 2. Limit Switch 3. Positioner

### APPLICABLE STANDARDS:

- Design: DIN 3357/1,2, EN12516-1
- Flanged Ends: DIN EN1092-1 PN10-PN40
- Wall Thickness: ASME16.34
- Inspection & Testing: DIN 3230/3, EN12266

NO.	PART NAME	MATERIALS		
1	Body	1.4408	1.4308	1.0619
2	Cap	1.4408	1.4308	1.0619
3	Ball	1.4408	1.4308	
4	Ball Seat	TFM1600 / PTFE		
5	Stem	SUS316	SUS 304	
6	Anti-Static Device	SUS316	SUS 304	
7	Thrust Washer	PTFE		
8	O-Ring	FKM (VITON)		
9	Stem Packing	PTFE		
10	Bushing	50%SS + 50%PTFE		
11	Gland	SUS316		
12	Belleville Washer	SUS301		
13	Stem Nut	A194-8		
14	Stop-lock-cap	SUS304		
15	Body Gasket	PTFE		
16	Bolt	A193-B8	A193-B7	
17	End Cap	1.4408	1.4308	1.0619
18	Hex Bolting	A193-B8	A193-B7	
19	Bottom Cap	1.4408	1.4308	1.0619
20	Actuator	Pneumatic KP/ Electric KQ		



### ■ DIN PN10-40

Unit : mm

SIZE	PN	∅d	L	∅R	∅D	∅C	f	T	H	H1	H2	W	N	∅h	P	M	∅A1	∅A2	∅B1	∅B2	X	Y	ISO 5211	P-Actuator	E-Actuator	Pressure	
DN15	1/2"	10~40	15	150	45	95	65	2	16	52.5	150.0	83.3	144.5	4	14	9	9	6	6	36	42	144.0	72	F03-F04	KP50	KQ006	80PSI
DN20	3/4"	10~40	20	165	58	105	75	2	18	57.0	155.5	87.0	144.5	4	14	9	9	6	7	36	50	144.0	72	F03-F05	KP50	KQ006	80PSI
DN25	1"	10~40	25	181	68	115	85	2	18	68.0	198.0	99.0	175.0	4	14	11	11	6	7	42	50	164.0	84	F04-F05	KP63	KQ006	80PSI
DN32	1-1/4"	10~40	32	190	78	140	100	2	18	72.0	205.5	103.0	175.0	4	18	11	11	6	9	42	70	164.0	84	F04-F07	KP63	KQ008	80PSI
DN40	1-1/2"	10~40	38	212	88	150	110	3	18	85.0	228.5	119.0	200.0	4	18	14	14	7	9	50	70	228.5	108	F05-F07	KP88	KQ008	80PSI
DN50	2"	10~40	49	230	102	165	125	3	20	92.0	234.0	126.0	200.0	4	18	14	14	7	9	50	70	234.0	108	F05-F07	KP88	KQ015	80PSI
DN65	2-1/2"	10/16	63	290	122	185	145	3	18	107.0	261.0	172.0	400.0	4	18	17	17	9	11	70	102	261.0	123	F07-F10	KP100	KQ020	80PSI
		22																									
DN80	3"	10/16	75	310	138	200	160	3	20	119.0	273.0	187.0	400.0	8	18	17	17	9	11	70	102	314.0	151	F07-F10	KP125	KQ020	80PSI
		24																									
DN100	4"	10/16	99	350	158	220	180	3	20	150.0	345.0	214.0	400.0	8	18	22	22	N/A	11	N/A	102	345.0	151	F10	KP160	KQ030	80PSI
		24																									

PN16

PN40