



PRODUCT CATALOG

PNEUMATIC POWER CHUCK



A STRONGHOLD BY PRECISION AND POWER



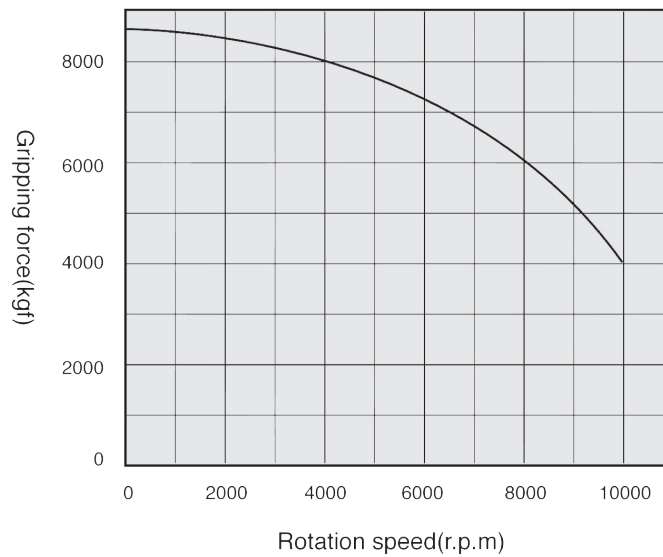
Product schematic

HN

3-jaw extra high speed through-hole power chuck(adapter included)

1. Possible 10,000 r.p.m. highest speed chuck.
2. Model HN chucks are assembled with adaptor for ASA B5.9 type A spindles.
3. Model HN chucks are manufactured from high grade alloy steel. All sliding surfaces are hardened and ground for accurate actual running and long service repeatability.

GRIPPING CHARACTERISTIC GRAPH



UNIT : mm

SPEC Model	Through-Hole (mm)	Plunger Stroke (mm)	Jaw Stroke (In Dia.) (mm)	Max. Pull Force kN(kgf)	Max. Gripping Force kN(kgf)	Max. Operating Pressure MPa(kgf / cm ²)	Max. Speed (r.p.m.)	Weight (kg)	Moment Of Inertia I (kg · m ²)	Matching Cylinder	Matching Soft Jaw	Gripping O.D. Range (mm)
HN-06	Ø36	12	5.5	30(3050)	79.4(8100)	2.9(30)	10000	11.5	0.035	HG-1336	Model-A	Ø14-Ø51

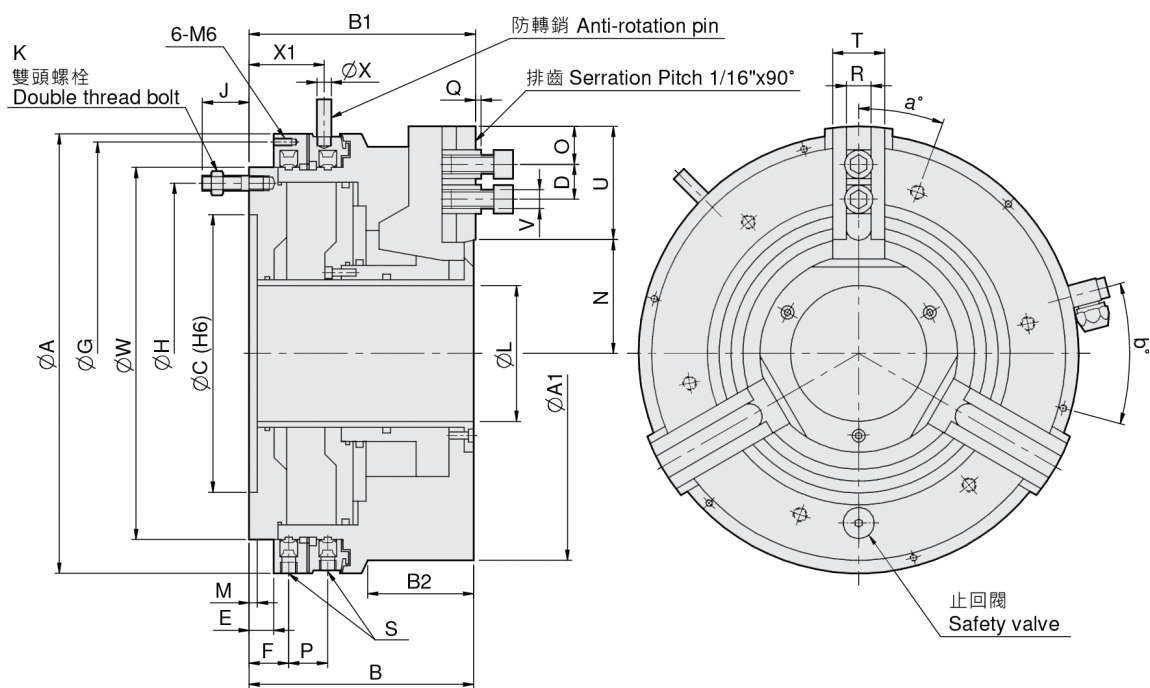


Product schematic

SB-ES

Pneumatic power chuck

1. Commonly used on lathes and turntables.
2. Suitable for Pneumatic chuck of outer diameter clamping that contains a structure of pneumatic cylinder.
3. Possess the feature of fast and clamping with two-stage jaw stroke.



UNIT : mm

SPEC Model	Through-Hole (mm)	Total Jaw Stroke (mm)	Fast Jaw Stroke (mm)	Clamping Jaw Stroke (mm)	Piston Area (cm ²)	Operating Pressure Min.-Max. (bar)	Gripping* Force (kN)	Max. Speed (r.p.m.)	Weight (kg)	Moment Of Inertia I (kg · m ²)	Air* Consumption (L)	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
350-115	115	15	10	5	486	2-10	88	2200	104	1.82	13.5	SB350	SB350	Ø30-Ø360

*When operating pressure at 6 bar.

DIM Model	A	A1	B	B1	B2	C	D max./min.	E	F	G	H	J	K	L	M	N max./min.	O min.	P	Q	R	S	T	U	V	W	X	X1	a°	b°
350-115	372	360	190	191.5	92	235	64/28	21	33.5	358	290.5	39.5	6-M12	115	6.5	100/85	12	33	3	21	G1/4"	44	92	M16	315	12	61	20	15

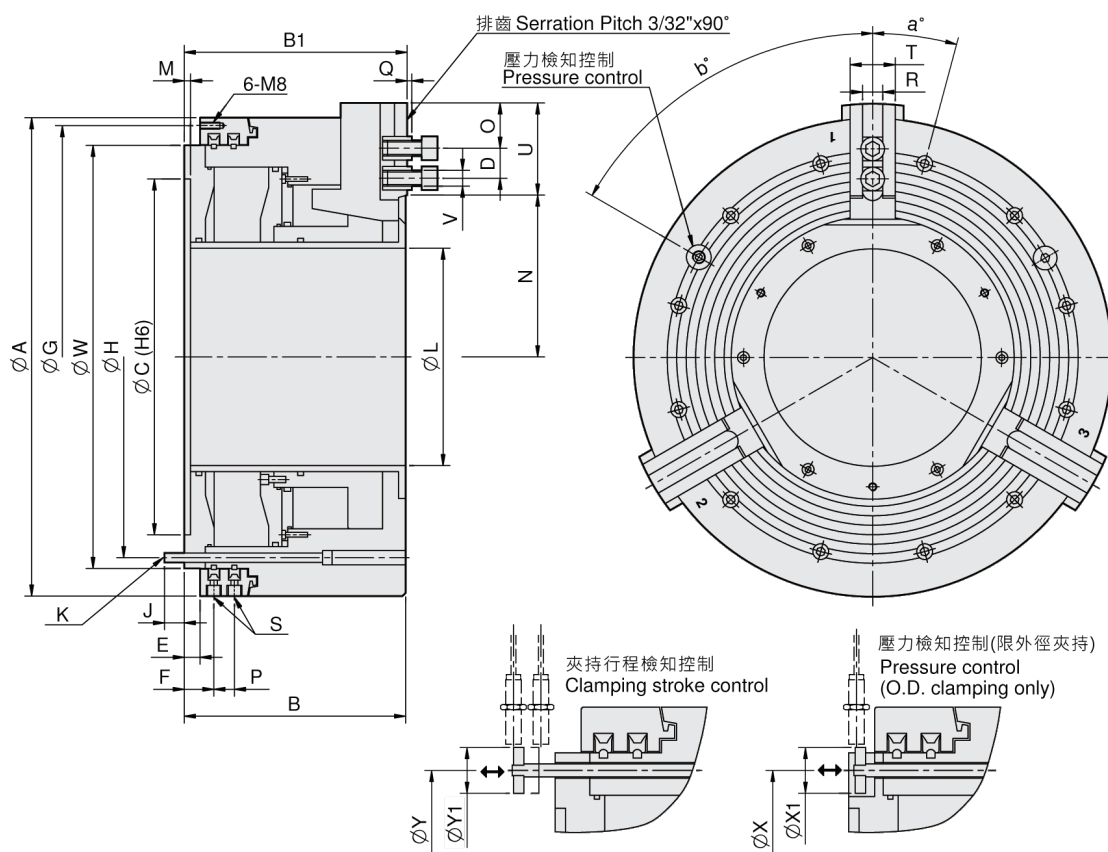


PB-ES

Pneumatic power chuck

1. Suitable for Pneumatic chuck of outer diameter clamping that contains a structure of pneumatic cylinder.
2. Possess the feature of fast and clamping with two-stage jaw stroke.
3. Can check up the internal pressure during clamping.
4. Can check up clamping stroke.

Product schematic



UNIT : mm

SPEC Model	Through-Hole (mm)	Total Jaw Stroke (mm)	Fast Jaw Stroke (mm)	Clamping Jaw Stroke (mm)	Piston Area (cm ²)	Operating Pressure Min.-Max. (bar)	Gripping Force* (kN)	Max. Speed (r.p.m.)	Weight (kg)	Moment Of Inertia I (kg · m ²)	Air* Consumption (L)	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
600-275	275	25.4	16.9	8.5	954	2-10	180	1100	360	20.6	39.5	PB600	PB600	Ø135-Ø275
850-375	375	25.4	13.4	12	1342	2-10	250	750	980	110	68	PB850	PB850	Ø115-Ø375

*When operating pressure at 6 bar.

DIM Model	A	B	B1	C	D max./min.	E	F	G	H	J	K	L	M	N max./min.	O min.	P	Q	R	S	T	U	V	W	X	X1	Y	Y1	a°	b°
600-275	605	280	282	450	79/38	20	37	585	508	25	12-M12	275	8	204.6/179.2	14	26	3	25.5	G1/2	57	116.5	M20	535	508	35	508	35	15	60
850-375	850	352	354	700	140/47	25	44.5	830	745	30	12-M16	375	8	268/242.6	16	33	4	30	G1/2	75	182	M24	775	745	35	745	35	15	60