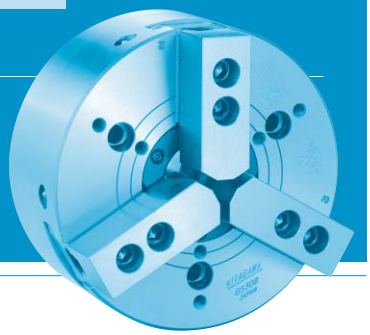
BS300A

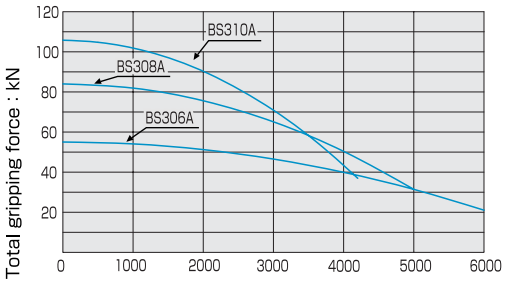
LARGE THRU-HOLE HIGH SPEED POWER CHUCK (DIRECT MOUNT)

Point

Three-jaw wedge style power chucks
Strong gripping force



Gripping Characteristic Graphs BS300A



※With standard blank soft top jaw.

■Dimensional Drawings

Fig 1

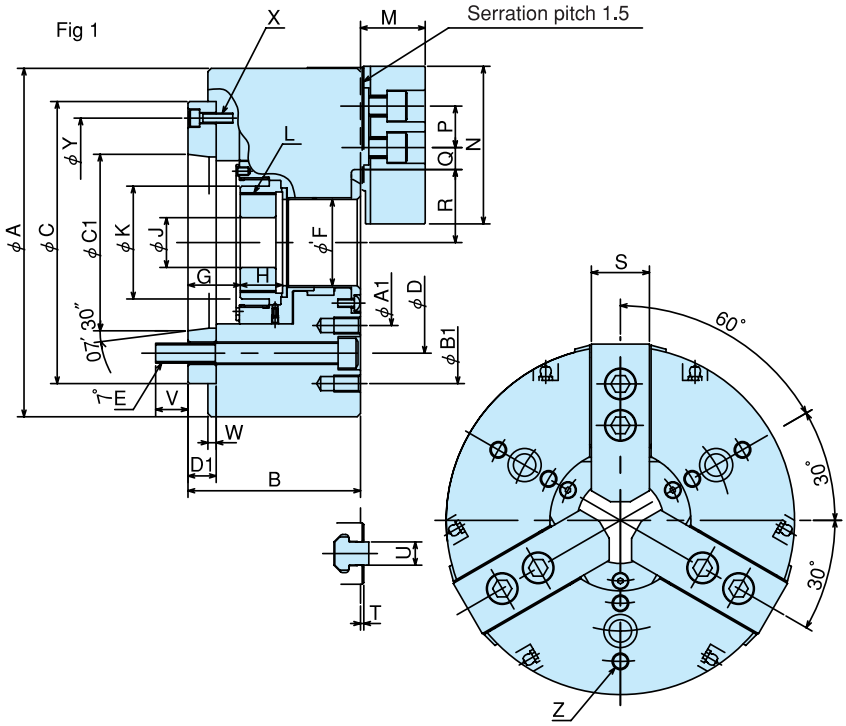
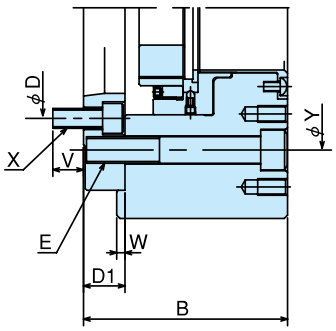


Fig 2



■Dimensions

Model \ Dimensions	A	B	C	D	E	F	G max.	G min.	H	J	K	L max.	M	N	P	Q max.	Q min.	R max.	R min.	S	T	U	V	W	X	Y	Z	A1	B1	C1	D1
BS306A5	169	95	140	104.8	3-M10	45	26	14	20	20	61	M55×2.0	29	66	20	21.25	9.25	35	32.25	26	2	12	16.5	5	3-M 6	116	3×2-M8	77.5	140	82.563	15
BS308A6	210	104	170	133.4	3-M12	52	31.5	17.5	25.5	30	68	M60×2.0	39	95	25	23.75	11.75	44	40.25	35	2	14	19.5	5	3-M 6	150	3×2-M10	100	170	106.375	17
BS310A6	254	123	220	133.4	3-M16	75	33.5	16.5	32.5	45	94	M85×2.0	43	110	30	30.75	11.75	55	50.45	40	2	16	18.5	5	6-M12	171.4	3×2-M10	128	216	106.375	25
BS310A8	254	116	220	171.4	3-M16	75	26.5	9.5	32.5	45	94	M85×2.0	43	110	30	30.75	11.25	55	50.45	40	2	16	25.2	5	3-M 8	190	3×2-M10	128	216	139.719	18

■Specifications

Model \ Specifications	Spindle nose size	Thru-Hole mm	Gripping range mm Max.	Gripping range mm Min.	Jaw Stroke (diameter) mm	Plunger Stroke mm	Max. Draw Bar Pull Force kN (kgf)	Max. Gripping Force kN (kgf)	Max. Speed min-1 (r.p.m)	Net Weight with Soft top jaws kg	Moment of inertia kg·m²	Matching Cylinder	Max. pressure MPa(kgf/cm²)	Matching Hard top jaw	Matching Soft top jaw
BS306A5	A2-5	45	169	25	5.5	12	22 (2243)	55 (5610)	6000	12.7	0.063	S1246	2.8 (28.6)	HB06B1	SB06L1A
BS308A6	A2-6	52	210	18	7.5	14	34.8 (3549)	84 (8570)	5000	24.4	0.135	S1552	2.65 (27)	HB08A1	SB08B1
BS310A6	A2-6	75	254	33	9.1	17	43 (4385)	105.8 (10795)	4200	40.3	0.368	S1875	2.7 (27.5)	HB10A1	SB10B1
BS310A8	A2-8	75	254	33	9.1	17	43 (4385)	105.8 (10795)	4200	37.8	0.353	S1875	2.7 (27.5)	HB10A1	SB10B1

※Blank draw nut equipped. ※Max. speed is shown using actual test data.