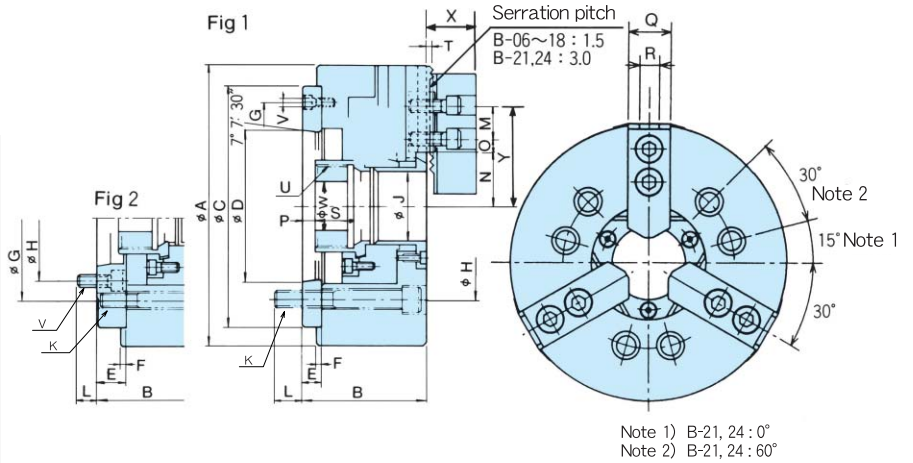
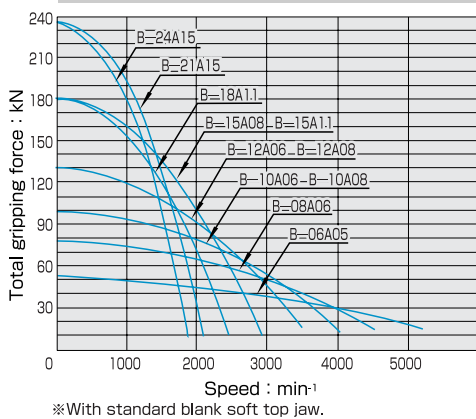


Dimensional Drawings

Gripping Characteristic Graphs B-A



Dimensions

Dimensions Model	A	B	C	D	E	F	G	H	J	K	L	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	V	W	X	Y
B-06A05	165	93	140	82.563	15	5	116	104.8	33	6-M10	14	20	27.5	24.75	25.75	10.75	17	5	31	12	24	4	M42×1.5	3-M 6	16	35	72
B-08A06	210	103	170	106.375	17	5	150	133.4	46	6-M12	18	25	35.7	32	31.25	13.25	20	4	35	14	30	5	M55×2.0	6-M 6	30	42	95
B-10A06	254	120	220	106.375	25	5	171.4	133.4	65	6-M16	18.5	30	50	45.6	32.75	12.75	19	0	40	16	35	5	M75×2.0	6-M12	45	46	110
B-10A08	254	113	220	139.719	18	5	190	171.4	65	6-M16	25	30	50	45.6	32.75	12.75	12	-7	40	16	35	5	M75×2.0	3-M 8	45	46	110
B-12A06	304	129	220	106.375	25	6	171.4	133.4	78	6-M16	18.5	30	58	52.7	48.75	12.75	33	10	50	18	38	5	M88×2.0	6-M12	50	54	129
B-12A08	304	122	220	139.719	18	6	190	171.4	78	6-M16	25	30	58	52.7	48.75	12.75	26	3	50	18	38	5	M88×2.0	3-M 8	50	54	129
B-15A08	381	160	300	139.719	33	6	235.0	171.4	117.5	6-M20	24	43	82	76.7	43.75	18.25	44	21	62	22	43	5	M130×2.0	6-M16	60	70	165
B-15A11	381	149	300	196.869	22	6	260	235.0	117.5	6-M20	28	43	82	76.7	43.75	18.25	33	10	62	22	39	5	M130×2.0	3-M10	60	70	165
B-18A11	450	149	380	196.869	22	6	320	235.0	117.5	6-M20	28	43	82	76.7	78.25	18.25	33	10	62	22	39	5	M130×2.0	3-M10	60	70	165
B-21A15	530	161	380	285.775	27	6	330.2	330.2	140	6-M22	34	60	98.5	93.2	87.5	21.5	38	15	65	25	39	5	M155×3.0	3-M12	80	73	180
B-24A15	610	170	380	285.775	27	6	330.2	330.2	165	6-M22	35	60	108	102.7	117.5	21.5	47	24	65	25	40	5	M175×3.0	3-M12	80	73	180

※B-10A06, B-12A06, B-15A08 are referred to in Fig.2. ※Blank draw nut equipped.

Specifications

Specifications Model	Spindle nose size	Thru-Hole mm	Gripping range mm Max. 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
B-06A05	A2-5	33	165 13	5.5	12	20 (2039)	51 (5200)	5000	15	0.055	F1236H	2.2 (22.4)	HB06B1	SB06B1
B-08A06	A2-6	46	210 13	7.4	16	31 (3161)	78 (7954)	4000	27	0.153	F1546H	2.2 (22.4)	HB08A1	SB08B1
B-10A06	A2-6	65	254 25	8.8	19	38 (3875)	99 (10095)	3500	44	0.375	F1768H	2.3 (23.5)	HB10A1	SB10B1
B-10A08	A2-8	65	254 25	8.8	19	38 (3875)	99 (10095)	3500	41	0.357	F1768H	2.3 (23.5)	HB10A1	SB10B1
B-12A06	A2-6	78	304 19	10.6	23	49 (4997)	129 (13154)	3000	69	0.800	F2078H	2.3 (23.5)	HB12B1	SB12A1
B-12A08	A2-8	78	304 19	10.6	23	49 (4997)	129 (13154)	3000	66	0.785	F2078H	2.3 (23.5)	HB12B1	SB12A1
B-15A08	A2-8	117.5	381 30	10.6	23	71 (7240)	180 (18355)	2500	134	2.470	F2511H	2.3 (23.5)	HB15A1	SB15C1
B-15A11	A2-11	117.5	381 30	10.6	23	71 (7240)	180 (18355)	2500	127	2.385	F2511H	2.3 (23.5)	HB15A1	SB15C1
B-18A11	A2-11	117.5	450 30	10.6	23	71 (7240)	180 (18355)	2000	178	4.775	F2511H	2.3 (23.5)	HB15A1	SB15C1
B-21A15	A2-15	140	530 87	10.6	23	90 (9177)	234 (23861)	1700	246	9.25	F2511H	3.0 (30.6)	HB18B2	SB18A2
B-24A15	A2-15	165	610 109	10.6	23	90 (9177)	234 (23861)	1400	304	16.85	F2511H	3.0 (30.6)	HB18B2	SB18A2