

# CAH

## BIG BORE POWER CHUCK

大通孔动力卡盘/高速中空型 파워-챱/고속중공형 파워척



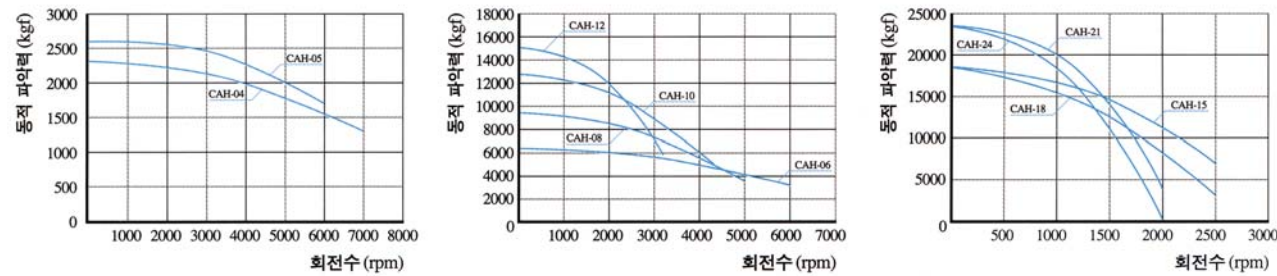
**1 • High Gripping Force** By sharply increasing dynamic gripping force, work efficiency and safety have been greatly improved. **2 • High Speed** Strong gripping force and safety of performance are secured by optimal design, and high speed rotation is achieved. **3 • Light Weight** Equipment load has been reduced by weight reduction, and efficiency has been increased for fitful work and for both forward and reverse operations. **4 • Durability** Heat treatment is performed to alloy steel, and high accuracy, high strength and high durability are realized by improving lubrication system.

**1 • 夹紧力强**: 借助瞬间增强动态夹紧力的方式使工作效率和安全性得到加强. **2 • 速度快**: 最佳设计确保了强有力的夹紧和安全快速的运转. **3 • 重量轻**: 卡盘的重量减轻, 因此卡盘频繁启动和正反转的效率大大提高. **4 • 耐磨损**: 此卡盘采用经过特殊热处理的合金钢为材质, 通过改善润滑条件, 使其具备高精度, 高强度和高耐磨的特点.

**1 • 高い把握力** **2 • 高速化実現** **3 • 軽量化実現** **4 • 耐久性確保**

**1 • 높은 파악력** **2 • 고속화 실현** **3 • 경량화 실현** **4 • 내구성 확보**

### Dynamic Gripping Force / 动态夹紧力 / 動的把握力 그래프 / 동적파악력 선도

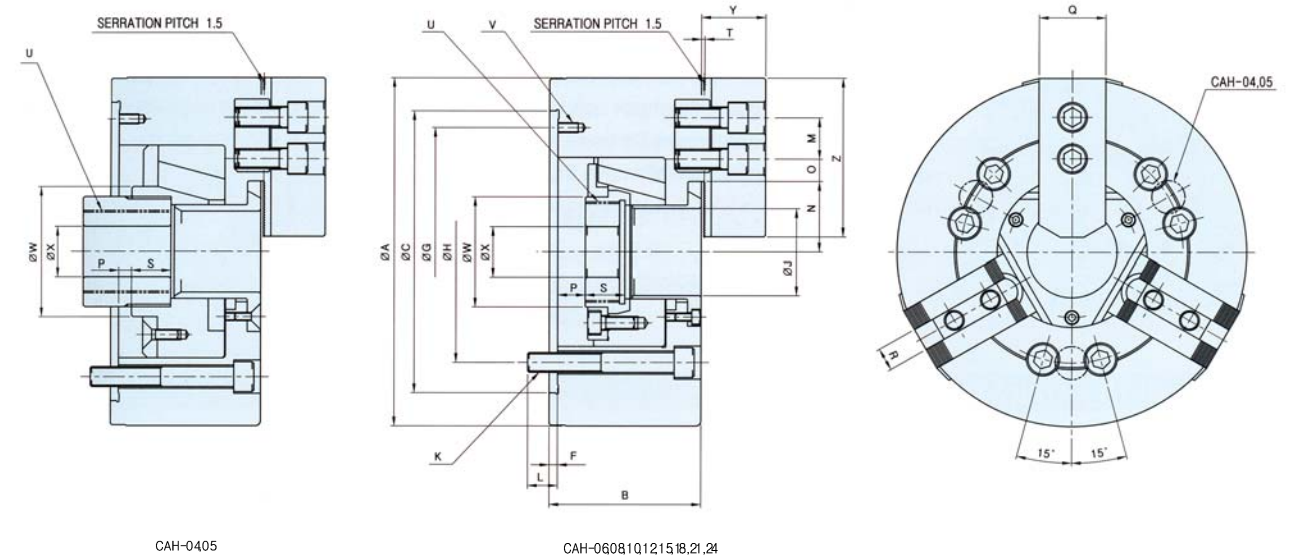


### Specifications / 规格 / 仕様表 / 사양표

Model 형식	Spec. 사양	Order NO. 오더번호	Spindle nose NO. 주축규격	Thru-hole (Diameter) 관통경(직경) mm	Jaw stroke (Diameter) 쥬 스트로크(직경) mm	Plunger stroke 플런저 스트로크 mm	Gripping Dia.(Extend gripping) 파악경(외경파악) mm		Max. permissible input force 허용 실린더력 KN(kgf)
							Max 최대	Min 최소	
CAH-05		1AH05	-	33	5.4	10	135	10	175(1784)
CAH-06		1AH06	A2-5	46	5.5	13	169	13	25(2500)
CAH-08		1AH08	A2-6	52	7.6	18	210	11	40(4080)
CAH-10		1AH10	A2-8	77	8.5	20	254	31	50(5100)
CAH-12		1AH12	A2-8	91	10.2	24	304	34	58(5916)
CAH-15		1AH15	A2-11	118	10.6	23	381	30	71(7240)
CAH-18		1AH18	A2-11	118	10.6	23	450	30	71(7240)
CAH-21		1AH21	A2-11, 15	140	10.6	23	530	87	90(9177)
CAH-24		1AH24	A2-11, 15	165	10.4	23	610	110	90(9177)

Model 형식	Spec. 사양	Max. static gripping force 최대 정적파악력 KN(kgf)	Max. permissible speed 최고 사용회전수 r.p.m.(min <sup>-1</sup> )	Weight (With standard soft jaws) 중량표준소프트 쥬 포함 kg	GD <sup>2</sup> Moment of inertia N·m <sup>2</sup> (kgf·m <sup>2</sup> )	Matching cylinder 적용실린더	Matching hard jaw 적용하드쥬	Matching soft jaw 적용소프트쥬
CAH-06	63(6426)	6000	12.5	2.26(0.23)	YA+-06	HJ-06T1	SJ-06T1	
CAH-08	94(9597)	5000	22.3	6.67(0.68)	YA+-08	HJ-08T1	SJ-08T1	
CAH-10	125(12740)	4200	34.5	12.84(1.31)	YA+-10	HJ-10T1	SJ-10T1	
CAH-12	147(15000)	3300	55.3	28.71(2.93)	YA+-12	HJ-12A1	SJ-12A1	
CAH-15	180(18355)	2500	120	89.14(9.09)	YA+-15	HJ-15T1	SJ-15A1	
CAH-18	180(18355)	2000	164	174.6(17.8)	YA+-15	HJ-15T1	SJ-15A1	
CAH-21	234(23861)	1700	235	351.1(35.8)	YA+-15	HJ-21B1	SJ-21A1	
CAH-24	234(23861)	1400	293	651.2(66.4)	YA+-15	HJ-21B1	SJ-21A1	

### Outward Drawing / 外形图 / 外刑图 / 외형도



### Dimension / 尺寸 / 寸法表 / 치수표

Item 항목	A	B	C	F	G	H	J	K	L	M	N max	N min
Model 형식												
CAH-05	135	60	110	4	96	82.6	33	3-M10	15	14	26.5	23.8
CAH-06	169	80	140	5	116	104.8	46	6-M10	12	20	33.5	30.7
CAH-08	210	91	170	5	150	133.4	52	6-M12	15	25	41.7	37.9
CAH-10	254	100	220	5	190	171.4	77	6-M16	17	30	54.5	50.3
CAH-12	304	115	220	6	190	171.4	91	6-M16	18	30	67.4	62.3
CAH-15	381	133	300	6	260	235	118	6-M20	30	43	82	76.7
CAH-18	450	133	380	6	320	235	118	6-M20	30	43	82	76.7
CAH-21	530	140	380	6	330.2	330.2	140	6-M22	34	60	98.5	93.2
CAH-24	610	149	380	6	330.2	330.2	165	6-M22	32	60	108.4	103.2

Item 항목	O max	O min	P max	P min	Q	R	S	T	U max	V	W	X	Y	Z
Model 형식														
CAH-05	19.75	7.75	1	-9	23	10	20	2	M40X1.5	3-M6	45	20	26	54
CAH-06	23	10	12	-1	31	12	19	2	M55X2.0	3-M6	60	20	33	72
CAH-08	27	10	16.5	-1.5	39	14	20.5	2	M60X2.0	3-M6	66	30	39	95
CAH-10	31	12	9.5	-10.5	44	16	27	2	M85X2.0	3-M8	94	30	46	110
CAH-12	42	12	10	-14	50	21	28	2.5	M100X2.0	3-M8	108	30	51.8	111
CAH-15	43.8	18.3	11	-12	62	22	39	5	M130X2.0	3-M10	139	60	70	165
CAH-18	73.8	18.3	11	-12	62	22	39	5	M130X2.0	3-M10	139	60	70	165
CAH-21	87.5	21.5	11	-12	65	25	39	5	M155X3.0	3-M12	170	80	73	180
CAH-24	117.5	21.5	20	-3	65	25	40	5	M175X3.0	3-M12	187	80	73	180

### Model Description / 型号说明 / 型式番号表示 / 형식번호 표시

CAH □ - □□  
Chuck Size

Blank | Standard  
A | adapter type  
T | 2-jaw type

CGH □ - □□  
Chuck Size

Blank | Standard  
A | adapter type  
T | 2-jaw type

CAS □ - □□ A□  
Chuck Size Spindle Nose

Blank | Standard  
A | adapter type  
T | 2-jaw type