YAS

CLOSED CENTER HYDRAULIC CYLINDER
中实回转油缸/高速中実型回転油圧シリンダー/고속중실형 회전유압실린더

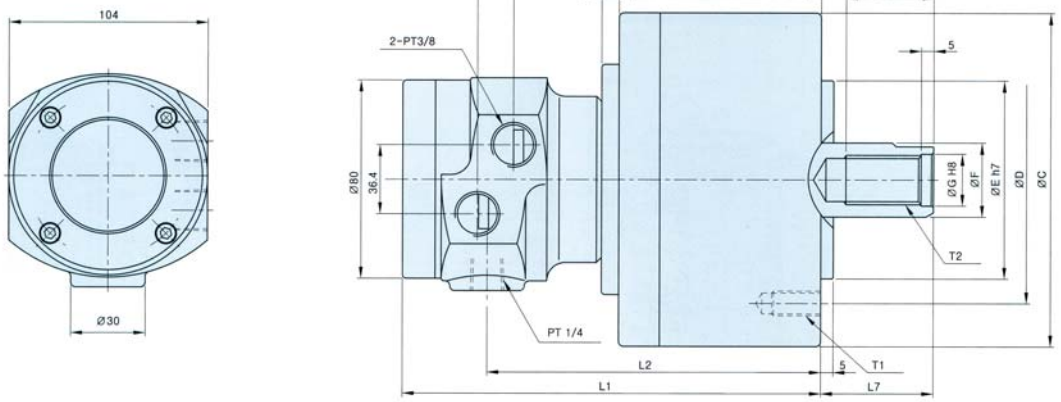
1 • Economical Model It is the most economical model and when a bar workpiecs is not passed through headstock. **2 • Horizontal-Vertical Type Available** As it can be installed horizontally and vertically, it is mainly used for a vertical lathe. **3 • Small size & Light weight** By using aluminum alloy of mold casting method, it is simple, small in size, and light in weight. **4 • High Speed Rotation** Safety is ensured at high-speed rotation by thorough balance management.

1 • 经济型：此产品是一种最经济型的回转油缸，在工件不穿过主轴箱的情况下使用. **2 •** 水平与垂直安装均可：此型号的回转油缸既可水平安装也可垂直安装. 因此，可安装在立式车床上. **3 •** 体积小，重量轻：此型号的回转油缸采用铝合金铸模的方式生产. 因此具有结构简单，体积小，重量轻的特点. **4 •** 高速旋转：经过动平衡处理的回转油缸在高速旋转的情况下也能确保其安全性.

1 • 経済的なモデル **2 •** 水平垂直使用可能 **3 •** 小型軽量化 **4 •** 高速回転

1 • 경제적인 모델 2 • 수평 · 수직형 사용가능 3 • 소형 경량화 4 • 고속회전

Outward Drawing/外型图/外形図/외형도



Dimension/尺寸/寸法表/치수표

Item항목 / Model형식	C	D	E	F	G	L1	L2	L3	L4	L5	L6	L7 max	L7 min	T1	T2
YAS-65	100	80	60	20	13	145	111	65	-	100.5	30	45	30	6-M8X16	M12XP1.75
YAS-80	110	90	65	25	17	145	111	65	-	100.5	30	45	30	6-M8X16	M16XP2.0
YAS-100	135	100	80	30	21	168	134	81.5	6.5	123.5	35	45	25	6-M10X19	M20XP2.5
YAS-125	160	130	110	35	25	178	144	91.5	6.5	133.5	40	50	25	6-M12X22	M24XP3.0
YAS-150	185	130	110	45	30.5	185	151	98.5	6.5	140.5	45	55	25	6-M12X20	M30XP3.5
YAS-200	245	145	120	55	37	208.5	174.5	122	6.5	164	60	69	34	6-M16X29	M36XP4.0

Specifications/规格/仕様表/사양표

Spec.사양 / Model형식	Order NO. 주문번호	Cylinder Dia 실린더내경 mm	Piston stroke 피스톤스트로크 mm	Piston surface area 피스톤 단면적 ㎠		Max. Drawbar pull 실린더 추력 KN(kgf)	
				Extend 압측	Retract 인측	Extend 압측	Retract인측
YAS-65	2AS06	65	15	33.0	30.0	12.2(1245)	11.2(1443)
YAS-80	2AS08	80	15	50.0	45.0	18.4(1877)	16.5(1684)
YAS-100	2AS10	105	20	86.5	79.5	31.8(3244)	29.3(2989)
YAS-125	2AS12	130	25	132.5	123.0	48.8(4978)	45.3(4621)
YAS-150	2AS15	150	30	176.0	160.0	64.8(6610)	60.0(6120)
YAS-200	2AS20	205	35	330.0	306.0	121.6(12404)	112.8(11505)

Spec.사양 / Model형식	Max. operating pressure 최고사용 유압력 kgf/㎠	Max.permissible speed 최고사용회전수 r.p.m(min⁻¹)	Total leakage 총드레인량 ℓ/min	Weight 중량 kg	GD² Moment of inertia N·m²(kgf.m²)	Matching chuck 적용척
YAS-65	40.8	6000	1.0	3.2	0.11(0.011)	CAS-04
YAS-80	40.8	6000	1.0	4.3	0.29(0.03)	CAS-05
YAS-100	40.8	6000	1.0	5.3	0.49(0.05)	CAS-06
YAS-125	40.8	6000	1.0	7.4	0.88(0.09)	CAS-08, CAS-10
YAS-150	40.8	5500	1.0	10.3	1.47(0.15)	CAS-10, CAS-12
YAS-200	40.8	5500	1.0	19.5	3.62(0.37)	CAS-15 이상