

• GFA Series

Table Diameter

255-320 MM 10 - 12.6 inch



- GFA-255H
- GFA-256HB
- GFA-320H

Hydraulic Brake
Equipped with radial and axial bearings
Optional Encoders for higher precision

Specifications

MODEL

		Unit	GFA-255H		GFA-320H	
Worktable diameter		mm / inch	Ø255 / Ø10.04		Ø320 / Ø12.60	
Center bore diameter		mm / inch	Ø140H7 / Ø5.51H7		Ø180H7 / Ø7.09H7	
Height of table (horizontal)		mm / inch	325 / 12.8		355 / 13.98	
Height of center (vertical)		mm / inch	225 / 8.86		255 / 10.04	
Width of T-slot		mm / inch	12H7 / 0.47H7		14H7 / 0.55H7	
Width of guide block		mm / inch	18 / 0.71		18 / 0.71	
Clamping method /pressure		Mpa / psi	Hydraulic 5 / 725.0		Hydraulic 5 / 725.0	
Servo motor spec						
Transmission ratio			R	T	R	T
			1:90	1:120	1:120	1:120
Max. table speed		min ⁻¹	22.2	16.6	22.2	16.6
Allowable loading capacity	In Horizontal	kg / lb	120 / 264		200 / 440	
	In Tilt (0~90°)	kg / lb	75 / 165		150 / 330	
Allowable unbalancing work moment	WxL	Nm /ft. lbs.	78 / 57.49		110 / 81.07	
Allowable load (when table clamped)	F	N / lbs	16000 / 3590.40		20000 / 4488.0	
	FxL	Nm /ft. lbs.	900 / 663.3		1600 / 1179.2	
	FxL	Nm /ft. lbs.	900 / 663.3		1600 / 1179.2	
Allowable loading inertia ($\frac{W}{g}D^2$)	kg.m ²		0.98		2.6	
Resolution	deg.		0.001		0.001	
Indexing accuracy	sec		15°	50°	15°	50°
Repeatability	sec		6°	8°	6°	8°
Tilting angle range	deg.		-30 ~ +120		-30 ~ +120	
Net weight (servo motor excluded)	Kg / lb		370 / 814		460 / 1012	
Allowable cutting torque	Nm /ft. lbs.		250 / 184.25		780 / 569.4	

Note: R: Rotary Axis T: Tilt Axis

