






RWE-160 TPC, 200 TPC

PACKAGED WITH CONTROLLER FOR PLUG & PLAY OPERATION

RWE-Series indexers are packaged with a TPC-Jr NC controller for plug & play operation. The RWE indexers are attractively priced, yet retain the high performance build characteristics found on full 4th axis Tsudakoma rotary tables.



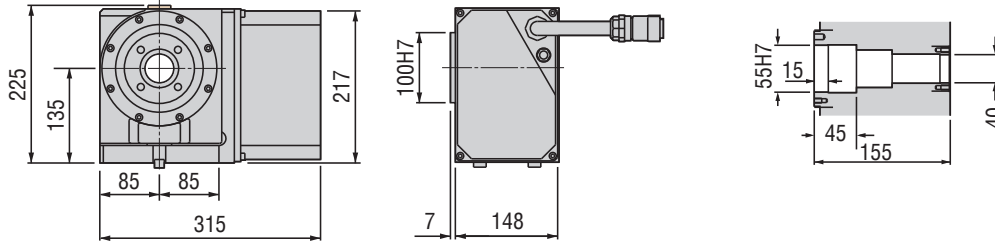
Indexer Model		RWE-160 TPC	RWE-200 TPC	Controller	TPC-Jr	
Spindle outer diameter		100h7	120h7	Control axis	1 axis	
Table diameter (optional)		(160 or 200)	(200 or 250)	Servo motor	AC servo, ABS detector	
Center height		135	160	Command unit	0.001°	
Center bore	Nose Diameter (w/ face plate)	55H7 (50H7)	65H7 (60H7)	Dividing number	Direct indexing	1 to 999999 even indexing
	Thru Diameter	40	45		Arc indexing	1 to 999 even indexing
Table T-slot width w/ face plate		12H8	12H8	Max. command angle	± 999.999°	
Guide block width		14h7	18h7	Command system	INC, ABS, Shortcut ABS, INC/ABS mixed system	
Controller (included with table)		TPC-Jr G2	TPC-Jr G3	Input system	Includes MDI & full RS-232 communication	
Maximum motor speed	rpm	3,000		Program control	Workpiece No. (W0000 to 9999)	
Speed reduction ratio		1/60	1/72	Program capacity	1000 blocks in main & sub-program together	
Maximum table speed	rpm	50	41.7	Cable supplied (Standard)	Between rotary table & TPC-Jr (1 pc.)	
Inertia converted into motor shaft	x 10 ⁻³ kg·m ²	.19	.19		For motor : 5m	
Clamp system		Pneumatic			Power cable : 5m	
Clamp torque @72psi	Nm (ft. lbs.)	156 (115)	294 (217)	Interlocking cable : 5m		
Indexing accuracy	arc sec.	±22.5		Power Requirements (less than 100 ohm ground resistance)	1 Ø 200/220V±10% 50/60Hz (non-CE)	
Net Weight	kg (lbs.)	40 (88)	65 (143)		1 Ø 230V±10% 50/60Hz (CE)	
Allowable wheel torque	Nm (ft. lbs.)	147 (108)	264 (195)		Model	Power capacity
Allowable work inertia	kg·m ²	.48	1.2	Jr H2	1.2KVA	8A
Allowable work weight	 kg (lbs) [w/ tailstock]	75 (165) [150 (330)]	100 (220) [250 (550)]	Jr H3	2.2KVA	15A
	 kg (lbs)	150 (330)	250 (550)			
Allowable load when table clamped	 N (lbf)	7,840 (1,756)	13,720 (3,073)			
	 Nm (ft. lbs.)	156 (115)	294 (217)			
	 Nm (ft. lbs.)	392 (289)	980 (722)			

Specifications subject to change without notice

Dimensions

Drawings not to scale • Dimensions = mm

RWE-160 TPC



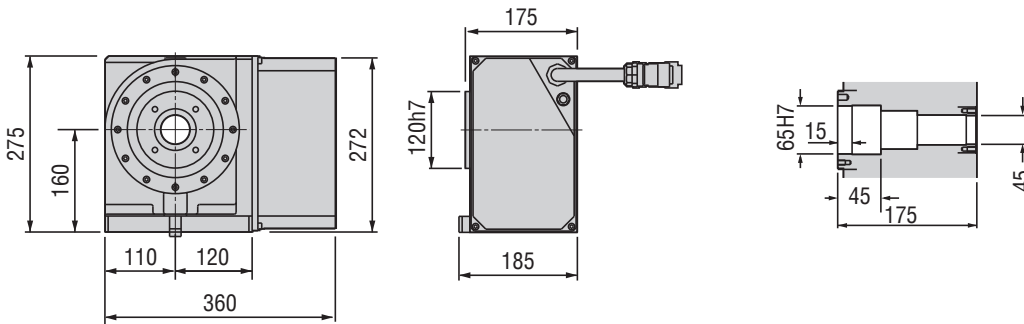
RWE-200 TPC with optional Steel Braided Cable



RWE-160 TPC with 5C Collet



RWE-200 TPC

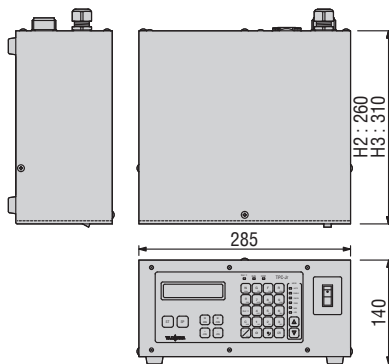


RWE-160 TPC • TS-160 Support Spindle

The rotary table and support spindle are mounted on a baseplate and joined to a specially designed, dual 5C collet trunnion fixture.



TPC-Jr NC CONTROLLER



Options & Accessories

TPC NC Controller	
Chucks	
Tailstock	
Support Spindle	
Face Plate	
Encoder / Scale	
Pull Stud Device	
Rotary Joint	
PVC Cables	

The dimensions above are for tables with a FANUC servo motor. Other motors available (dimensions may increase).

Clamping Block and Bolt

Dimensions = mm

	Q'ty	T-Slot Width	A	B	C	D	E	F	G	H	I	J	K	L	M
RWE-160 TPC	2	14	-	-	-	-	-	-	-	17	8	60	-	23	12
RWE-200 TPC	2	18	-	-	-	-	-	-	-	21	11	65	-	28	16

Note 1: When using a machine with a T-slot pitch other than the above, use suitable clamping blocks and bolts that are available on the market, or order custom-made ones (opt.)

Note 2: Clamping blocks are not included in RWE-160 TPC and RWE-200 TPC.

