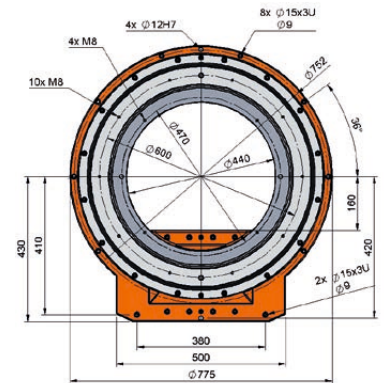
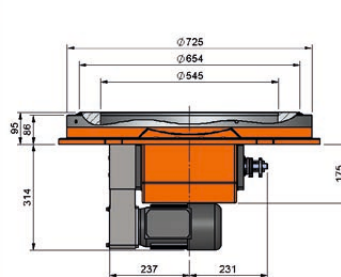


FIBROTOR® RT.0750

DIMENSIONS



CAD-files, technical data and planning documentation can be downloaded from www.fibrotor.de

ENCODING

1 2 3
RT.0750 · · ·

1 Drive motor

Standard brake motor	1
Hydraulic motor	2
Pneumatic motor	6
AC servomotor	7
Special version	9
Without motor	0

Table top dimensions

Standard dimensions \varnothing mm 654

2 Drive arrangement

See planning documents under www.fibrotor.de/downloads XXX

3 Division

4, 5, 6, 8, 10, 12, 16, 20, 24, 30 XX

Special divisions up to T120 on request

TECHNICAL DATA

Direction of rotation		cw or ccw rotation
Operating cycles		
Standard brake motor	c/min	max. 60
In combination with FIBRO frequency inverter	c/min	max. 120
In continuous operation	c/min	max. 180
Indexing/dwell angle		
Division 4–5		300°/60°
Division 6–30		270°/90°
Voltage		
Motor and brake		230/400 V AC, 3~, 50 Hz, $\pm 10\%$ DIN IEC38
Special voltages on request		266/460 V AC, 3~, 60 Hz, $\pm 10\%$ DIN IEC38
		Brake 360–500 V AC including bimetal thermo switch TH
Motor power		
Depending on indexing time and mass moment of inertia	kW	0.18–1.1
Centre hole flattened	mm	$\varnothing 440$
Working position		Standard: horizontal table top
Weight	kg	approx. 230

ACCURACIES

Indexing accuracy in arc seconds

(increased indexing accuracy on request)

Division 4–30		± 12	Axial runout of table top on Ø 654 mm	mm	0.05
More than division 30		± 18	Concentricity of the centre hole on Ø 500 mm	mm	0.04
Division 4–30	mm	± 0.019	Plane parallelism of the table top to base of the housing on Ø 654 mm	mm	0.05
More than division 30	mm	± 0.029			

INDEXING TIMES (DIVISIONS)

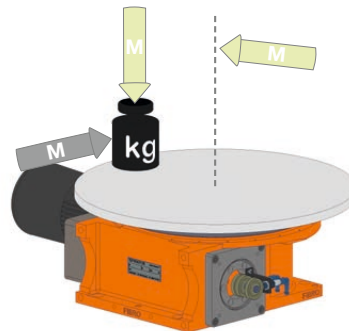
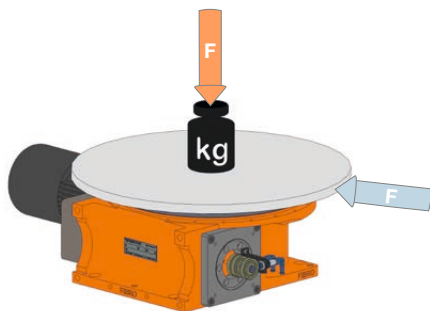
ONLY POSSIBLE WITH DRIVE ARRANGEMENT 121 AND 221







4	t_s in s	5.17	4.64	4.02	3.50	3.00	2.60	2.27	2.00	1.59	1.22	0.98	0.75	0.63	0.53			
	J in kgm ²	1,704	1,440	1,106	884	672	504	380	295	186	108	67.2	38.0	21.5	10.7			
5	t_s in s	5.17	4.64	4.02	3.50	3.00	2.60	2.27	2.00	1.59	1.26	0.98	0.75	0.63	0.53			
	J in kgm ²	2,254	1,904	1,463	1,170	890	667	504	391	247	152	90.3	51.7	34.4	21.9			
6	t_s in s	4.65	4.18	3.62	3.15	2.70	2.34	2.04	1.80	1.43	1.13	0.68	0.56	0.48	0.41			
	J in kgm ²	1,981	1,708	1,368	1,164	905	679	513	398	252	155	52.7	35.0	24.2	12.7			
8	t_s in s	4.65	4.18	3.62	3.15	2.70	2.34	2.04	1.80	1.42	1.13	0.91	0.68	0.56	0.48	0.41		
	J in kgm ²	2,703	2,332	1,868	1,501	1,171	927	701	544	340	213	136	73.6	49.4	34.6	24.1		
10	t_s in s	4.65	4.18	3.62	3.15	2.70	2.34	2.04	1.80	1.42	1.13	0.91	0.70	0.56	0.48	0.41	0.32	
	J in kgm ²	3,426	2,956	2,367	1,903	1,485	1,176	889	691	432	268	172	100	63.9	45.1	31.8	17.0	
12	t_s in s	4.65	4.18	3.62	3.15	2.70	2.34	2.04	1.80	1.42	1.13	0.90	0.70	0.56	0.48	0.41	0.32	0.25
	J in kgm ²	4,138	3,570	2,859	2,299	1,794	1,421	1,075	835	522	324	206	122	78.1	55.4	39.3	21.5	11.0
16	t_s in s	4.65	4.18	3.62	3.15	2.70	2.34	2.04	1.80	1.42	1.13	0.90	0.69	0.58	0.49	0.42	0.32	0.25
	J in kgm ²	4,721	4,073	3,263	2,623	2,047	1,622	1,227	954	596	370	235	138	93.8	67.9	48.4	25.1	14.4
20	t_s in s	4.65	4.18	3.62	3.15	2.70	2.34	2.04	1.80	1.42	1.13	0.90	0.69	0.58	0.49	0.42	0.32	0.25
	J in kgm ²	6,285	5,521	4,434	3,574	2,762	2,146	1,660	1,319	844	525	334	196	134	96.2	70.3	37.4	22.3
24	t_s in s	4.65	4.18	3.62	3.15	2.70	2.34	2.04	1.80	1.42	1.13	0.90	0.69	0.58	0.49	0.42	0.33	0.26
	J in kgm ²	7,288	6,437	5,261	4,251	3,292	2,561	2,005	1,595	1,031	649	413	243	167	120	87.8	50.3	30.5
30	t_s in s	4.65	4.18	3.62	3.15	2.70	2.34	2.04	1.80	1.42	1.13	0.90	0.69	0.58	0.49	0.42	0.33	0.26
	J in kgm ²	8,286	7,248	5,962	4,905	3,856	3,040	2,410	1,917	1,268	789	503	297	204	147	106	62.1	38.1

LOAD DATA TABLE TOP

PERMITTED ADD-ON-Ø: 3,000 MM

Horizontal



 Perm. transport load	kg	800	Horizontal
 Perm. axial loading	N	5,000	
 Perm. radial loading	N	8,000	
 Perm. tilting moment on positioned table top	Nm	2,250	
 Perm. tilting moment on rotating table top	Nm	750	
 Perm. tangential moment on positioned table top	Nm	2,400	