

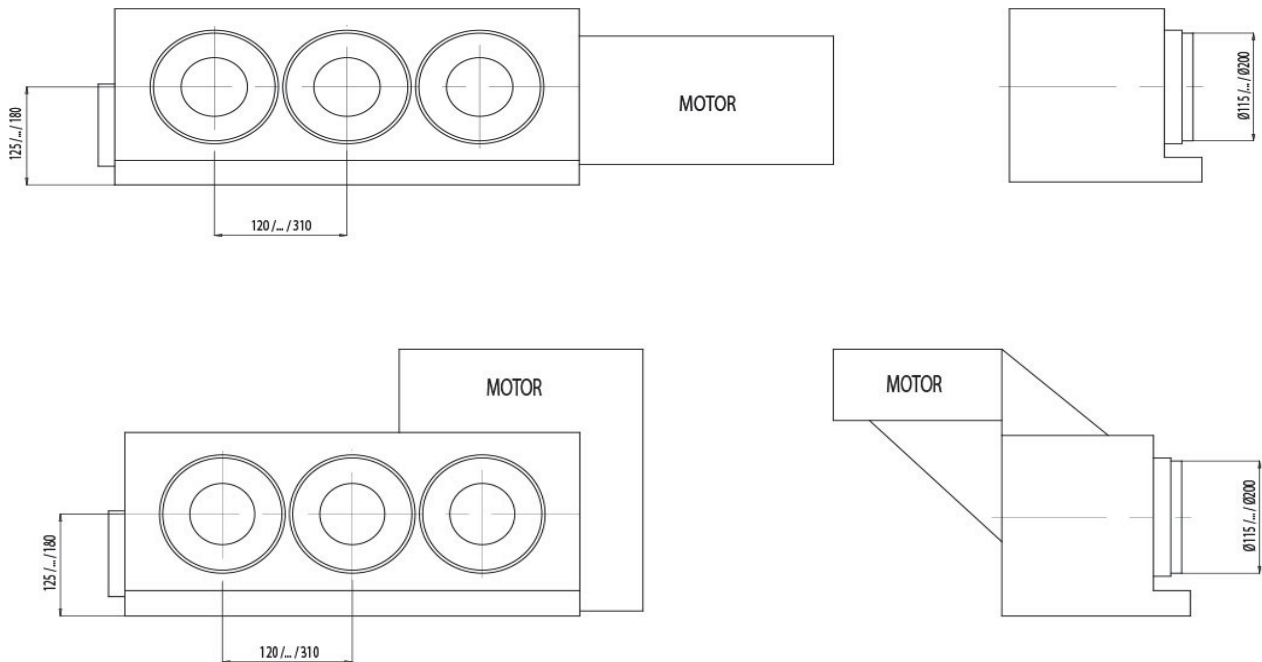
IRTS | Innovative Rotary Table Solutions

SERIES MS

One Axis Rotary Table (Multi Spindle Rotary Table)

Size Range 115mm thru 200mm

(4 inch rotary table thru 8 inch rotary table)



Specifications

- Available Ø of Axis from 100mm to 170mm Available
- Horizontal and/or Vertical Axis Working Conditions
- Mono-Block Compact and Flexible Design Casting Body
- Robust and Rigid Body Allowing Heavy Cutting
- Ideal for Tapping Machines with High Speed Rotation
- Powerful Hydraulic Clamping Torque
- Working Time Reduced

Options

- Available with All Types of Motors
- Flexible Motor Positioning (Right or Left)

Accessories

- Tail Stock (Manual, Pneumatic or Hydraulic)
- Trunnion
- Rotary Joint
- Face Plate
- Scroll Chuck (with Jaws)

TECNICAL DESCRIPTION

		MS125-115/120	MS150-115/120	MS180-170/200
Face plate diameter	mm	Ø115 — Ø140	Ø115 — Ø140	Ø170 — Ø200
Face plate "T" slot width	mm	To determine by customer		
Type of slots	-	To determine by customer		
N° of spindles	-	To determine by customer		
Plate height (horizontal axis)	mm	125	150	180
Distance between centers	mm	120	120	200
Center bore nose diameter	mm	Ø50H7x30		
Guide block width	mm	14h6 (opt.18h6)	18h6 (opt.22h6)	22h6 (opt.18h6)
Clamping distance to table	mm	125/250		
Motor position	-	Right (optional left)		
Working position	-	HV	HV	V
Indexing accuracy - W/O direct encoder	arc sec	± 35"	± 35"	± 40"
Repeatability	arc sec	± 5"	± 5"	± 5"
Clamping system	-	Hydraulic		
Clamping torque	Nm	200	350	400
Clamping pressure	Bar	30	30	30
Work load - Plate horizontal	Kg _i	80	40	100
Work load - plate vertical		40	25	50
Work load - plate vertical W/TS		80	40	100
Transmissible torque maximum speed	Nm	200 / 300	200 / 400	600 / 800
Recommended motor torque	Nm	6/8	6/8	8/12
Motor speed	rpm	2000/3000		
Table rotation speed	rpm ⁴	22,22 / 33,33	22,22 / 33,33	11,11 / 16,66
Gear and pinion reduction	i	45/1	45/1	90/1
Belt / Pulley - Gears driver/driven	i	2/1	2/1	2/1
Total reduction ratio	i ²	90/1	90/1	180/1
Net weight (W/O Motor)	Kg	145	170	400

Lubrication Oil CEPSE EP-80W90

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