

# FJE 325/N

Gearless traction machine



Series	Speed (m/s)	Capacity code
325/N	0.63 - 1.75	450kg - 630kg

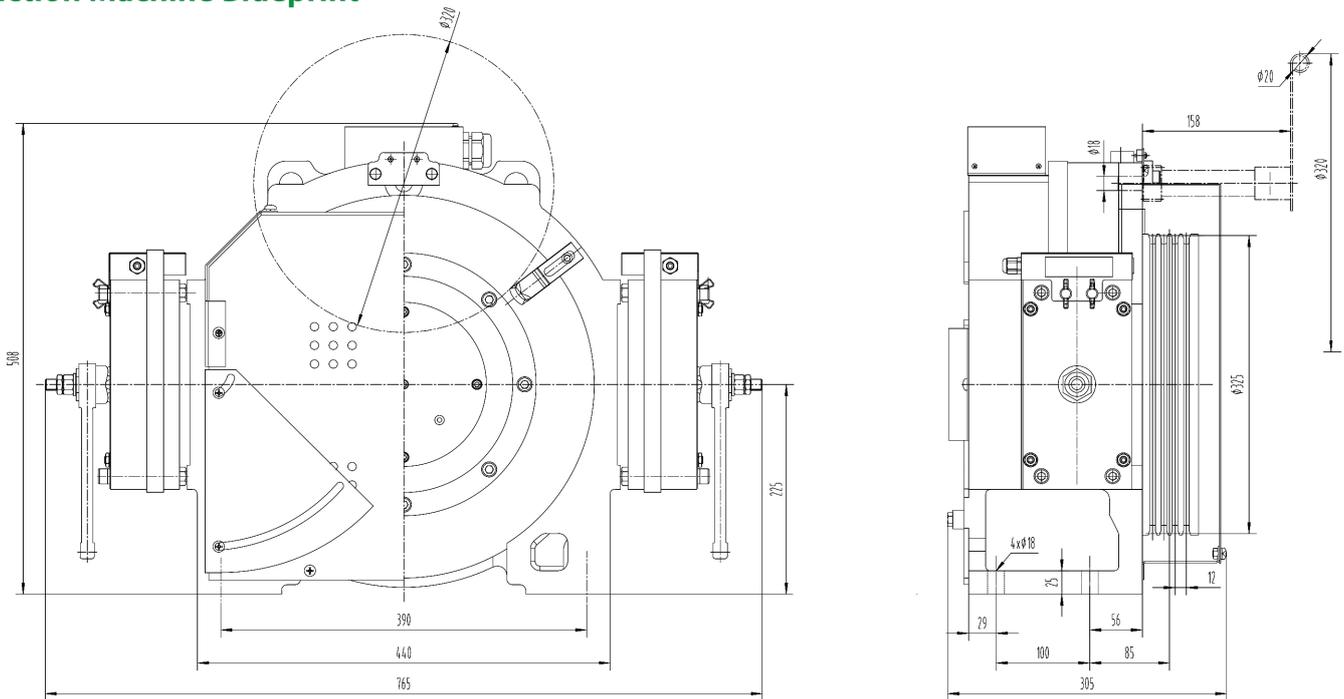
## Traction Machine Parameter

- Traction Ratio: 2:1
- Rated capacity: 450 - 630kg
- Rated elevator speed: 0.63, 1.0, 1.6, 1.75m/s
- Max. shaft load: 2000kg
- Applicable converter: 3 Phase 320V
- Brake voltage: DC110V
- Brake current: 20x0.77A

## Features

- Short axial length, suitable for machine roomless elevator application.
- High efficiency with high torque density design.
- Small size, simple structure with high utilization of materials.
- Machine low speed operation smooth, with low noise and small vibration.
- Use block armless brake with high reliability.

## Traction Machine Blueprint



## FJE325/N - N450/630 Elevator Traction Machine (ROPING 2:1)

Type	Spec	Speed (m/s)	Load (kg)	Traction ratio	Power (kW)	Current (A)	Rev (r/min)	Frequency (Hz)	Torque (N.m)	Rope	Recommended lifting height (m)
325/N	C-6.3-450-2	0.63	450	2:1	1.8	4.4	74	12.3	260	3xφ8x12	30
325/N	C-10-450-2	1			3	6.9	118	19.6	260		40
325/N	C-16-450-2	1.6			4.2	10.5	188	31.3	260		60
325/N	C-6.3-630-2	0.63	630		2.6	6.1	74	12.3	333	4xφ8x12	30
325/N	C-10-630-2	1			4.1	9.3	118	19.6	333		40
325/N	C-16-630-2	1.6			6.5	14.6	188	31.3	333		60
325/N	C-17.5-630-2	1.75			7.2	15.4	206	34.3	333		60

# FJE 400/N

Gearless traction machine



Series	Speed (m/s)	Capacity code
400/N	1 - 1.75	630kg - 1000kg

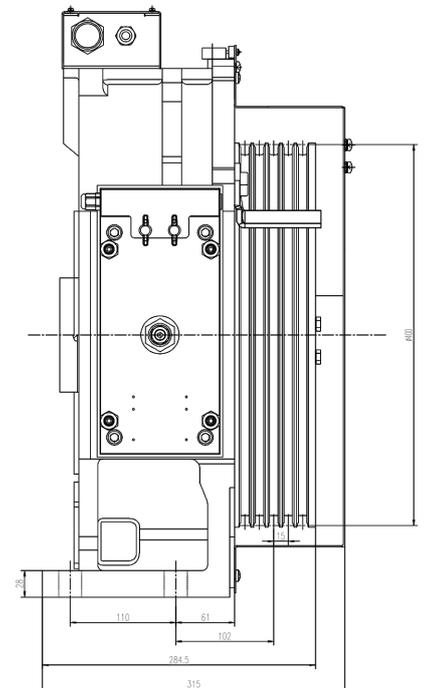
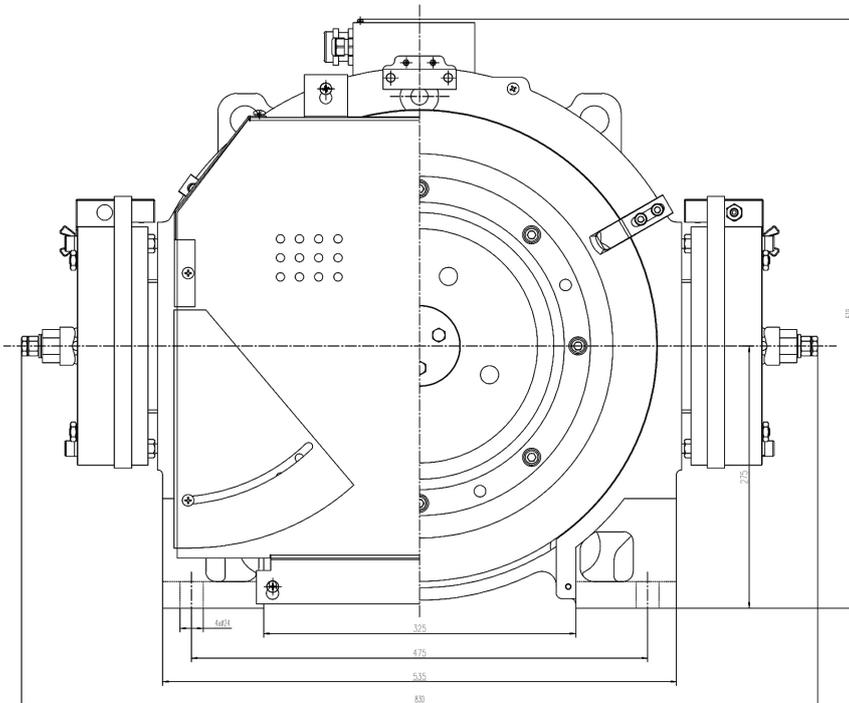
## Traction Machine Parameter

- Traction Ratio: 2:1
- Rated capacity: 630 - 2000kg
- Rated elevator speed: 1.0, 1.6, 1.75m/s
- Max. shaft load: 3000kg
- Applicable converter: 3 Phase 320V
- Brake voltage: DC110V
- Brake current: 20x1.35A

## Features

- Short axial length, suitable for machine roomless elevator application.
- High efficiency with high torque density design.
- Small size, simple structure with high utilization of materials.
- Machine low speed operation smooth, with low noise and small vibration.
- Use block armless brake with high reliability.

## Traction Machine Blueprint



## Note:

1. Brake voltage corresponds to its starting and sustaining voltage.
2. Undercut angle can be customized according to practical requirements.
3. Rope specifications can be as per customer's request.

## FJE400/N - N630/1000 Elevator Traction Machine (ROPING 2:1; 4:1)

Type	Spec	Speed (m/s)	Load (kg)	Traction ratio	Power (kW)	Current (A)	Rev (r/min)	Frequency (Hz)	Torque (N.m)	Rope	Recommended lifting height (m)		
400/N	F-10-630-2	1	630	2:1	4.2	11	95	23.9	420	4xΦ10x15	40		
400/N	F-16-630-2	1.6			6.6	16	153	38.2			70		
400/N	F-17.5-630-2	1.75			7.2	17	167	41.8			70		
400/N	F-10-800-2	1	800		2:1	5.2	13	95	23.9	530	4xΦ10x15	40	
400/N	F-16-800-2	1.6				8.3	19	153	38.2			70	
400/N	F-17.5-800-2	1.75				9.1	22	167	41.8			70	
400/N	F-10-1000-2	1	1000			2:1	9.5	16	95	23.9	650	5xΦ10x15	40
400/N	F-16-1000-2	1.6					10.4	24	153	38.2			70
400/N	F-17.5-630-2	1.75					11.4	27	167	41.8			70
400/N	F-10-2000-4	1.75	2000	4:1			13.1	30	191	47.8			40

### Note:

1. Brake voltage corresponds to its starting and sustaining voltage.
2. Undercut angle can be customized according to practical requirements.
3. Rope specifications can be as per customer's request.