

# MR13i

## Geared Traction Machine

### Technical Specification

Static Load (Kg)	2600*
Gear Ratio	1/43, 1/52, 2/43, 2/53
Power range (Kw)	3.7, 5.5
Brake Voltage (VDC)	110, 200
Sheave Range (mm)	500, 520, 550
Oil Capacity (ltr)	4.0
Machine weight (Kg)	230 (without bedplate)**

\* Conventional single wrap CSW

\*\* weight of machine varies according to the selection of sheave, motor and drive system

ACVVVF Power Supply 380 - 415 V 50Hz Roping 1:1

Model	Pass.	Payload (Kg)	Sync. Speed (mps)	G. Ratio	Motor (kW)	Poles	Sheave Dia (mm)	Sheave Ropes (No./mm)	Pitch (mm)
MR13I	8	544	0.75	1/43	5.5	4	500	4xΦ10	17
			1.00	1/43	5.5	4	500	4xΦ10	17
MR13I	8	544	0.75	1/43	5.5	4	550	4xΦ10	17
			1.00	1/43	5.5	4	550	4xΦ10	17
MR13I	8	544	0.75	1/43	5.5	4	550	3xΦ13	19
			1.00	1/43	5.5	4	550	3xΦ13	19

Machine Position: Top

Compartment Efficiency: 0,85

Conterweight balancing 50%

Assumed car weight 1.2 X duty load

Min. Wrapping Angle 150°

For travel height >30m compensating chains required