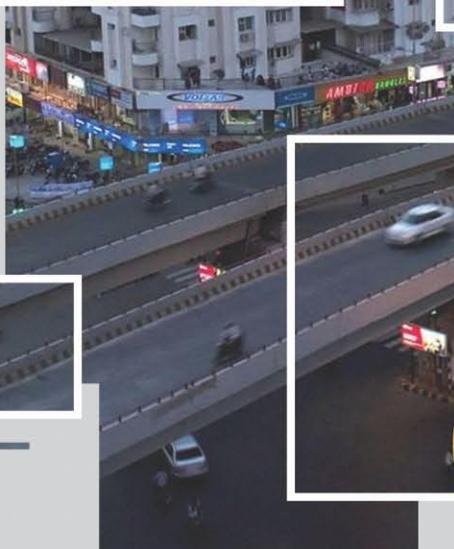
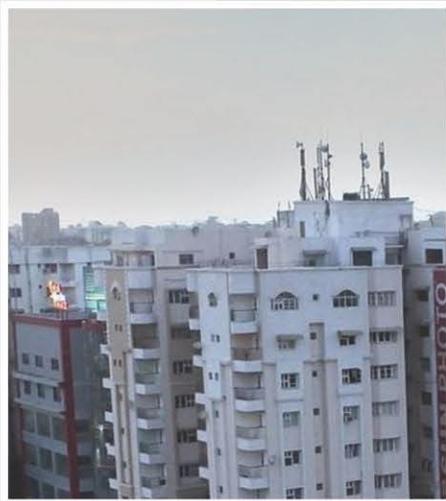


32
YEARS
Journey to
Excellence

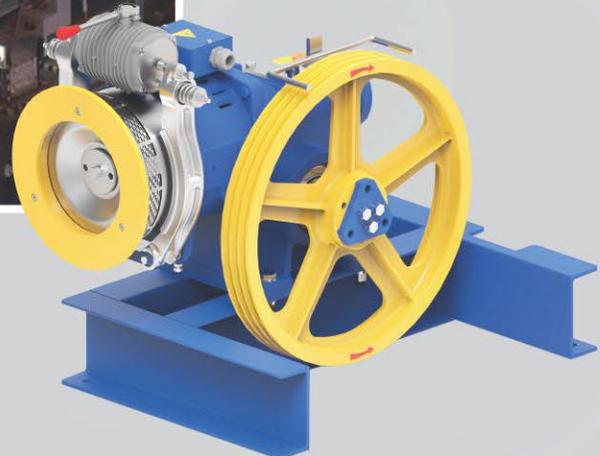


Geared

Quality That Inspires Trust



GEARED TRACTION MACHINE



More Than **42,000** Units Annual Production Capacity



32
Years
Journey to
Excellence

Company Profile

SHARP ENGINEERS, was established in 1994 in Ahmedabad (Gujarat) as a manufacturer of all kind of elevator traction machines for elevators. Sharp Engineers has an area of 81,000 sq. ft with their original asset of 200 employees and with the production capacity of more than 42,000 units per annum. We always so much focused on the constant process of research and development to satisfy the need and comfort of the market. SHARP ENGINEERS have more than 32 years of experience, we developed over the years a complete range of products, geared and gearless machines. Sharp Engineers have optimized the meaning of Quality, Customer Service, after sales service and all other aspects concerned with creating a world class brand.



Our Production entirely made in Ahmedabad, equipped with the most innovative and efficient technical-productive solutions. Automation, efficiency, high technology which guarantees the production and supply of quality products in less time, which meets the needs of extreme speed and flexibility of the elevator market. Sharp engineers believes to provide the customer - best lifting solution according to their technical specifications of the system, starting from the activity of commercial technical support and continue throughout the production process to the final testing, in-line delivery with best industry standards and after sales service. We are exporting our ranges of Geared, Gearless & their parts worldwide over the 25 countries since decades. We have numerous special versions and options which are available on request.



Mr. Babubhai J Patel



The perfectionist who ensures every detail is flawless, delivering quality and discipline with unmatched precision.

Managing Partner
SHARP ENGINEERS

Mr. Mukesh R. Patel



The strategist whose patience and vision strengthen global relationships and drive new opportunities for growth.

Managing Partner
SHARP ENGINEERS



TECHNOLOGIES INNOVATION IS CENTRAL AT HOME SHARP ENGINEERS

Our world-class products improve performance and productivity. We have the global manufacturing capability and technical centers of excellence, each dedicated to developing and rigorously testing new high-performance products to meet precise industry and application needs.

We are continuously adapting new technology to innovate our new product development.

Because of this, we are able to help our customers to solve the world's greatest engineering challenges reliably, safely and efficiently.





Quality Control System

"Customer Satisfaction" is main objective of Quality, providing best product & service with low cost and high Quality. All of our products, Test Reports and Certificates are granted by National Institute. Our all products possess many international certificates such as ISO 9001: 2015, CE (Europe), CSA (North America). The qualities of products are accepted by many high level companies in the Elevator industry.

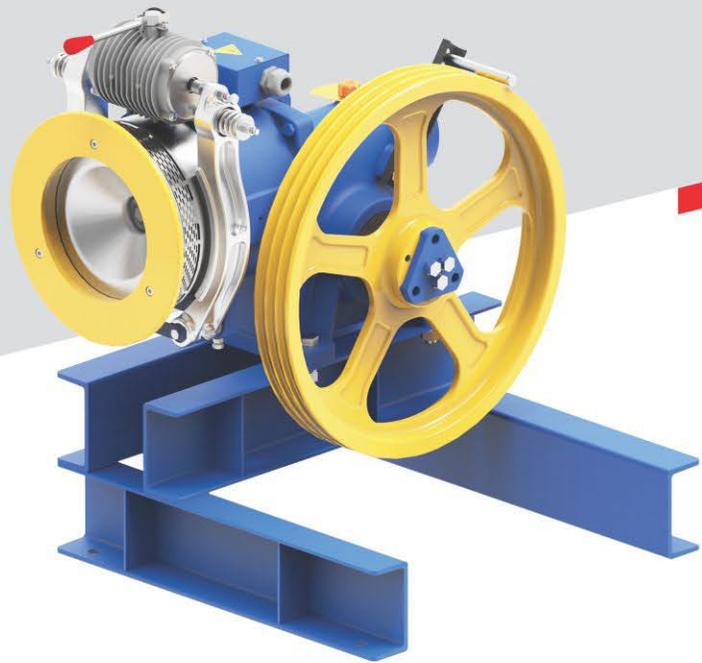
Quality Control Procedure

Our Quality Control Procedure includes various levels like Quality Management Department, Quality Control Department and Service Department. The Quality Management Department consists - QA Team and Measuring Room; while QC Department consists - Laboratory Quality Control and Testing Lab; and the Service Department consists the Service Center and On-site Service Team.



After Sales Service

We specially design After Sales Service team to cater customers various demands in installation, maintenance and use of Elevator Traction Machine either Gear or Gearless. Our After Sales Service Team offers service supports within 24 hours from online feedback.



Static Load (Kg)
2200



Gear Ratio
1/37



Brake Voltage (DC)
110V, 220V



Oil Capacity (Ltr)
1.6



Weight of Machine (kg)
180* (With Bed Plate)*

* Weight of machine is varies according to selection of sheave, Motor & Drive system.



Geared Traction Machine



Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

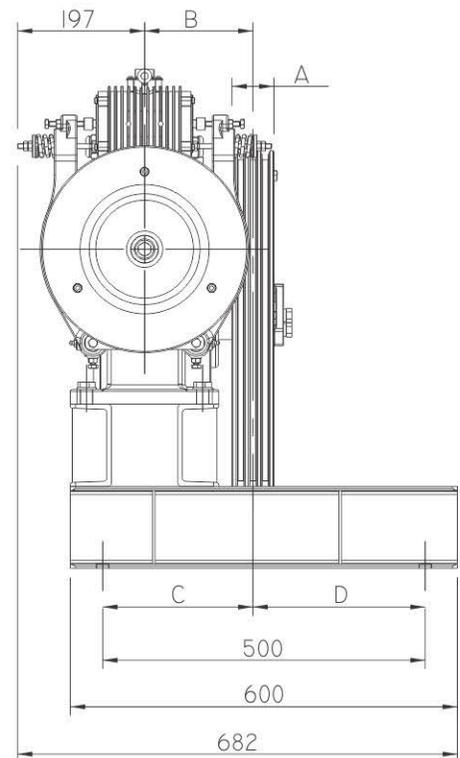
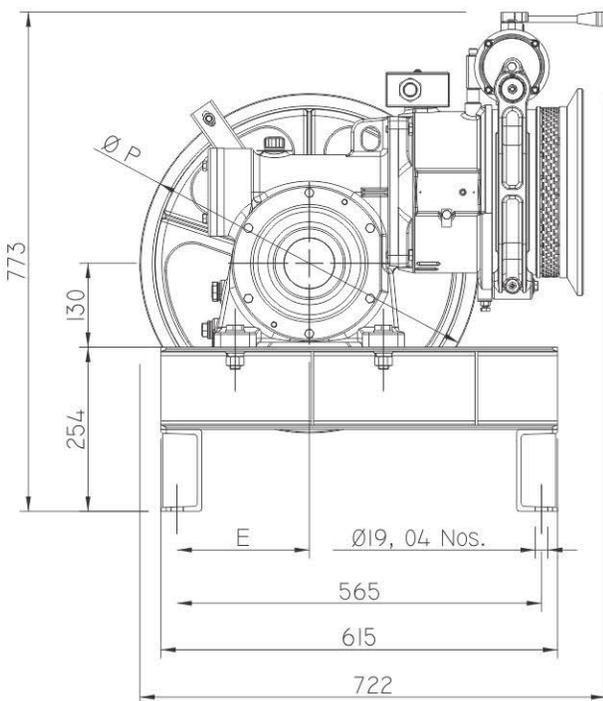
Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

Machine	Duty Load		Roping	Async. Speed		Motor Detail	RPM	Rated Current	Sheave Specification
	Person	Kg		(m/sec)	Ratio				
STARK	6	408	1:1	1.00	1/37	4.0	1430	9.0	Ø 530 X 13mm X 3 Grv.
				0.70	1/37	4.0	1430	9.0	Ø 320 X 8mm X 5 Grv.

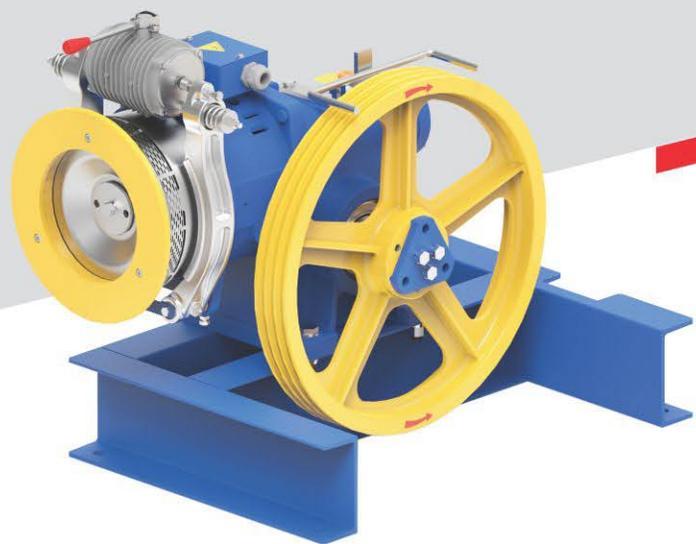
AC VVVF 400 V 50 Hz Travelling : - 21 mtr

Ø P	N X Ød	A	B	C	D	E
Ø530	3 X Ø13	65	168	233	267	205
Ø320	5 X Ø8	70	170.5	235.5	264.5	230

Kindly contact us for various speed and load combination



(All dimensions are in mm)



Static Load (kg)
3000



Gear Ratio
1/41



Brake Voltage (DC)
110V, 220V



Oil Capacity (Ltr)
1.7



Weight of Machine (kg)
204* (With Bed Plate)*

* Weight of machine is varies according to selection of sheave, Motor & Drive system.



Geared Traction Machine



Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

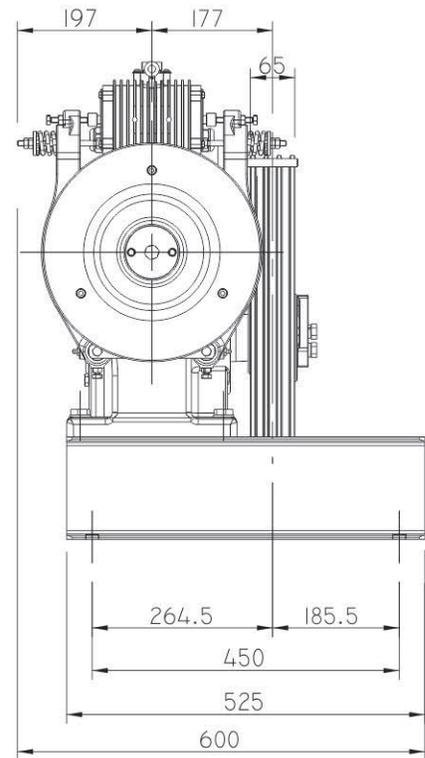
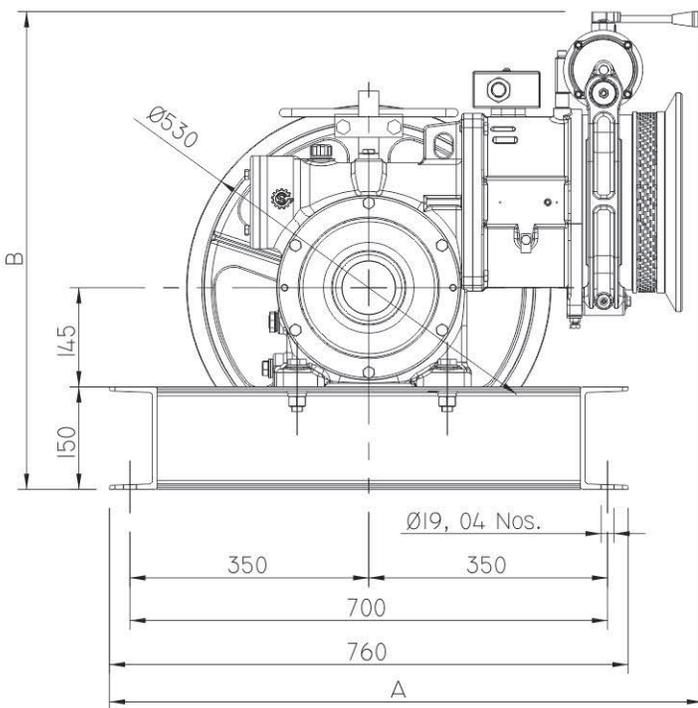
Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

AC VVVF 400 V 50 Hz Travelling : - 30 mtr

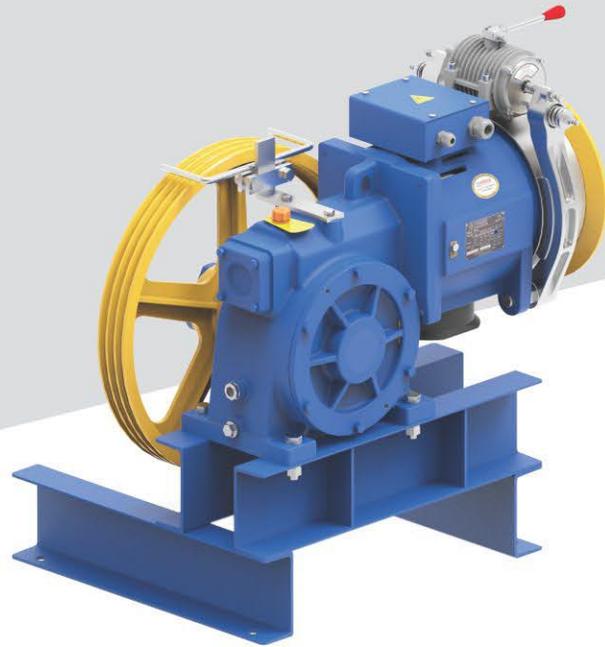
Machine	Duty Load		Roping	Async. Speed (m/sec)	Ratio	Motor Detail		RPM (Async.)	Rated Current (A)	Sheave Specification Sheave Dia x Rope Dia. X No. of Groove
	Person	Kg				(kw)	(HP)			
STELLAR - 125	6	408	1:1	0.70	1/41	3.7	5.0	930	8.8	Ø 530 X 13mm X 3 Grv.
				1.00	1/41	4.5	6.0	1430	9.2	Ø 530 X 13mm X 3 Grv.
STELLAR-125 R1	8	544	1:1	1.00	1/41	5.5	7.5	1455	11.5	Ø 530 X 13mm X 3 Grv.

Machine	Duty Load	A	B
Stellar-125	408 Kg	870	705
Stellar-125 R1	544 Kg	910	715

Kindly contact us for various speed and load combination



(All dimensions are in mm)



Static Load (kg)
3200



Gear Ratio
1/45



Brake Voltage (DC)
110V, 220V

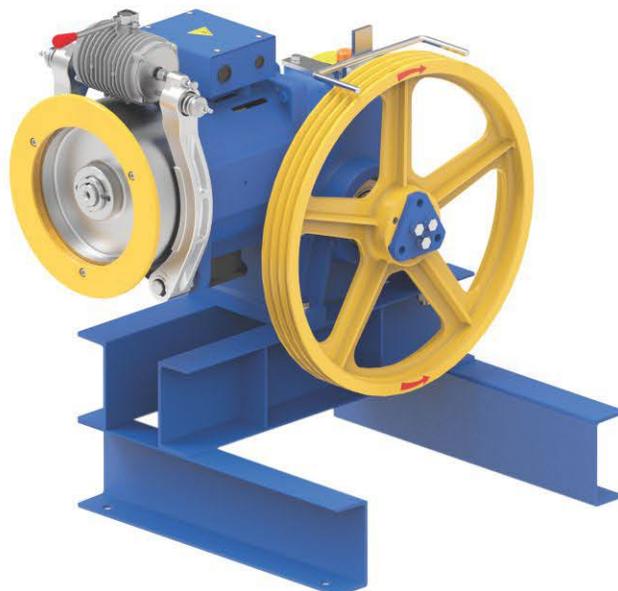


Oil Capacity (Ltr)
3.5



Weight of Machine (kg)
283* (With Bed Plate)*

* Weight of machine is varies according to selection of sheave, Motor.



Geared Traction Machine



Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

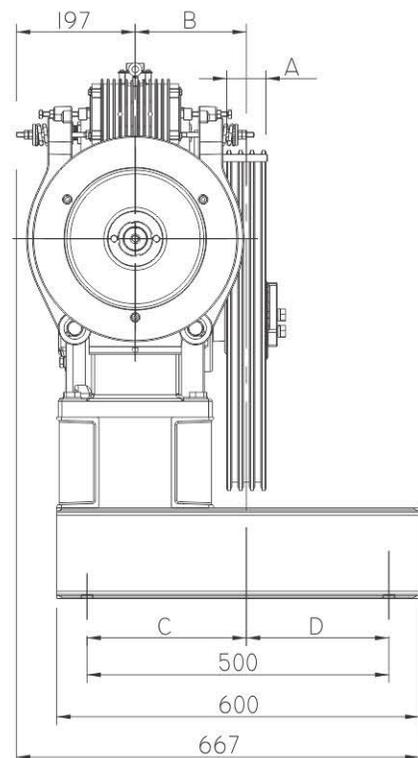
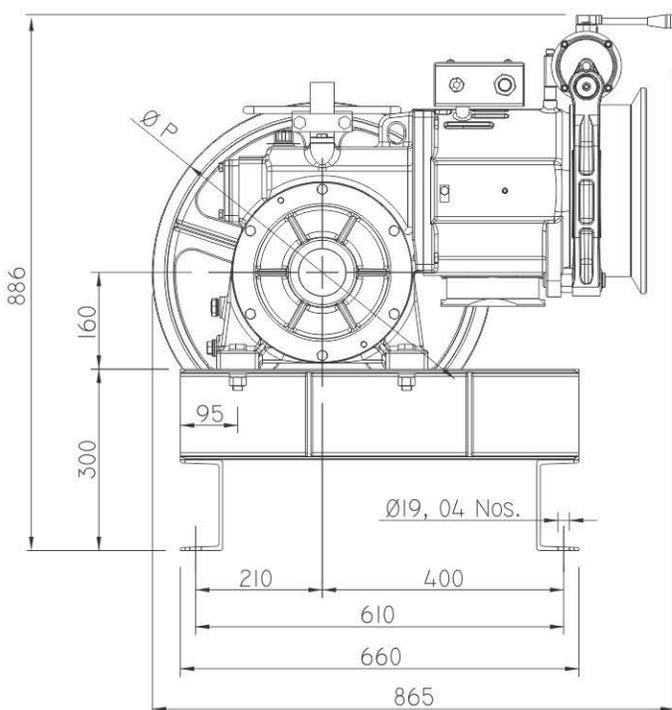
Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

AC VVVF 400 V 50 Hz Travelling : - 30 mtr

Machine	Duty Load		Roping	Async. Speed	Ratio	Motor Detail		RPM	Rated Current	Sheave Specification
	Person	Kg		(m/sec)		(kw)	(HP)	(Async.)	(A)	Sheave Dia x Rope Dia. X No. of Groove
TOTUS	10	680	1:1	1.00	1/45	7.5	10.0	1423	14.5	Ø 560 X 13mm X 4 Grv.
	1000		2:1	0.50	1/45	5.5	7.5	1455	11.5	Ø 560 X 13mm X 3 Grv.

Ø P	N X Ød	A	B	C	D
Ø560	3 X Ø13	65	184	264	236
Ø560	4 X Ø13	92	193	273	227

Kindly contact us for various speed and load combination



(All dimensions are in mm)



Static Load (kg)
3800



Gear Ratio
1/49, 1/59



Brake Voltage (DC)
110V, 220V

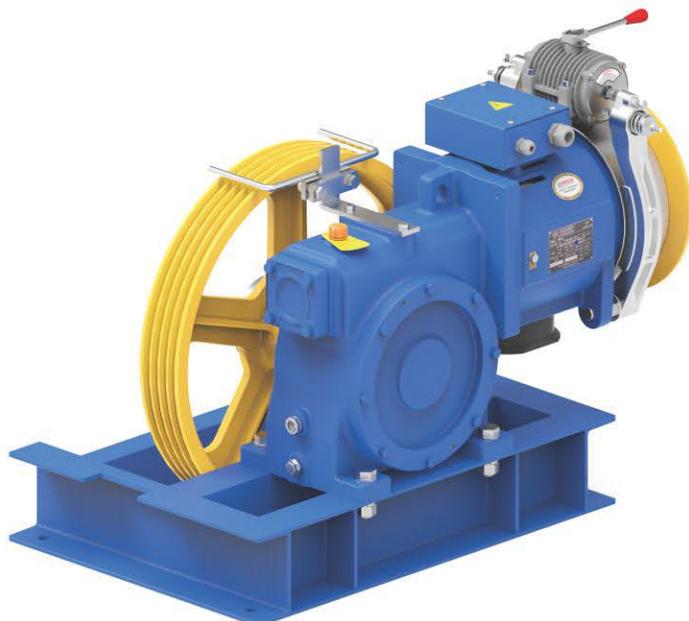


Oil Capacity (Ltr)
3.5



Weight of Machine (kg)
319* (With Bed Plate)*

* Weight of machine is varies according to selection of sheave, Motor.



Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

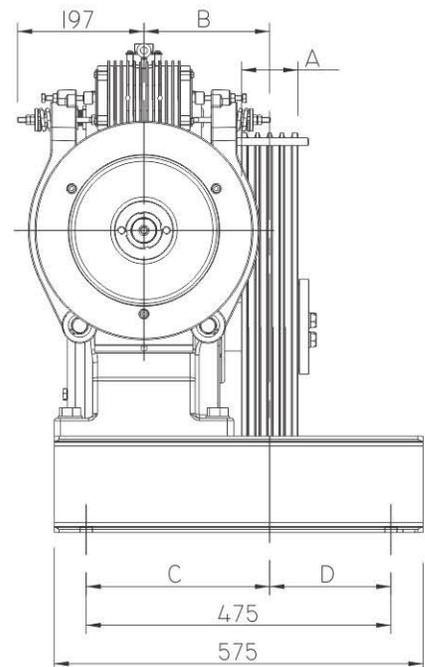
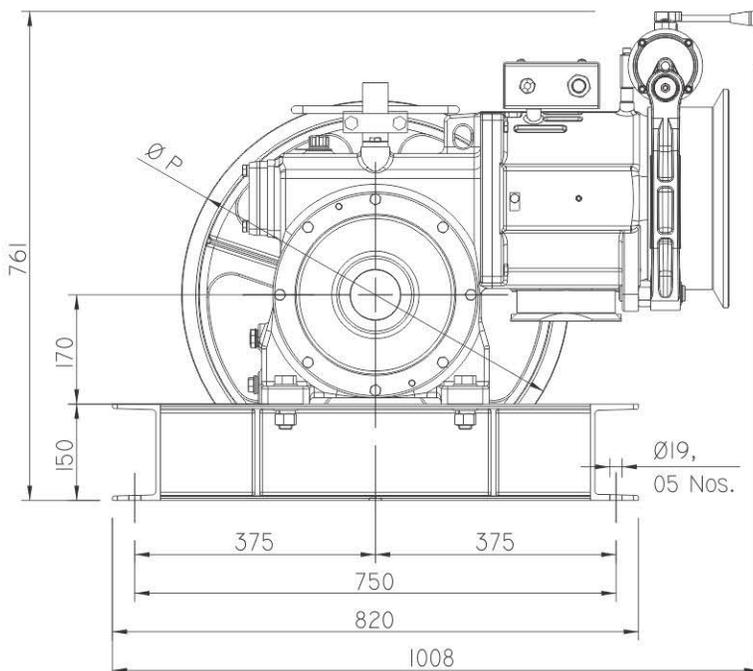
Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

AC VVVF 400 V 50 Hz Travelling : - 30 mtr

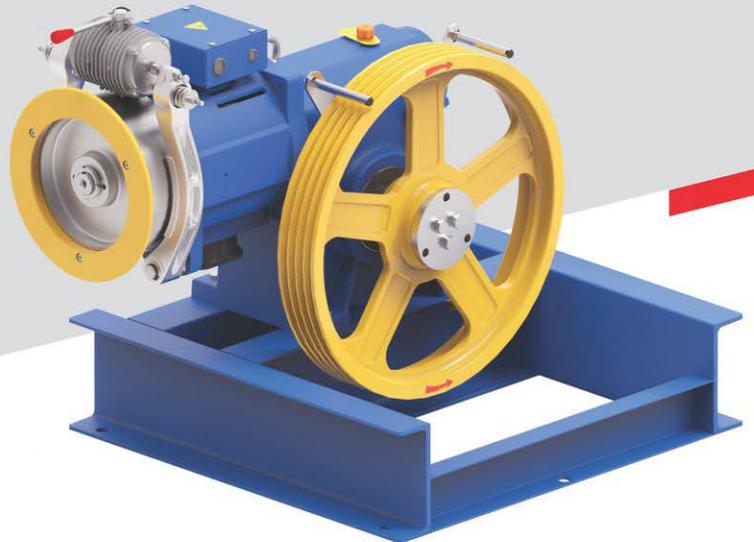
Machine	Duty Load		Roping	Async. Speed (m/sec)	Ratio	Motor Detail		RPM (Async.)	Rated Current (A)	Sheave Specification Sheave Dia x Rope Dia. X No. of Groove
	Person	Kg				(kw)	(HP)			
LIDER	13	884	1:1	0.70	1/59	7.5	10.0	1423	14.5	Ø 560 X 13mm X 4 Grv.
				1.00	1/49	9.0	12.5	1458	20.5	Ø 600 X 13mm X 4 Grv.
	1500	2:1	0.35	1/59	6.7	9.0	1445	13.5	Ø 560 X 13mm X 4 Grv.	
			0.50	1/49	7.5	10.0	1423	14.5	Ø 600 X 13mm X 4 Grv.	

Ø P	N X Ød	A	B	C	D
Ø600	4 X Ø13	88	196	286	189
Ø600	5 X Ø13	105	204.5	294.5	180.5
Ø560	4 / 5 X Ø13	105	204.5	294.5	180.5

Kindly contact us for various speed and load combination



(All dimensions are in mm)



Static Load (kg)
4200



Gear Ratio
1/46



Brake Voltage (DC)
110V, 220V



Oil Capacity (Ltr)
5.0



Weight of Machine (kg)
381* (With Bed Plate)*

* Weight of machine is varies according to selection of sheave, motor.



Geared Traction Machine



Zorro

Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

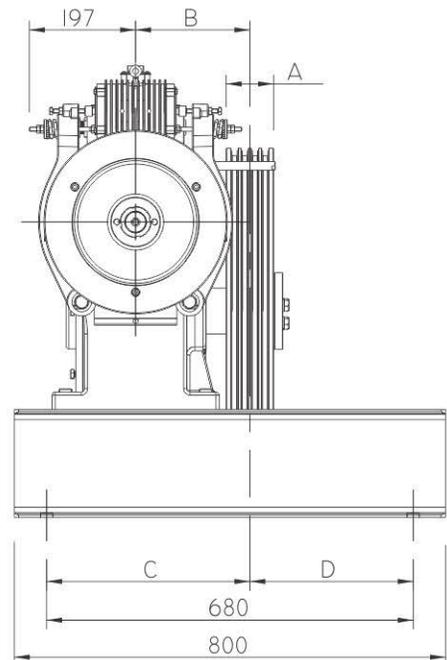
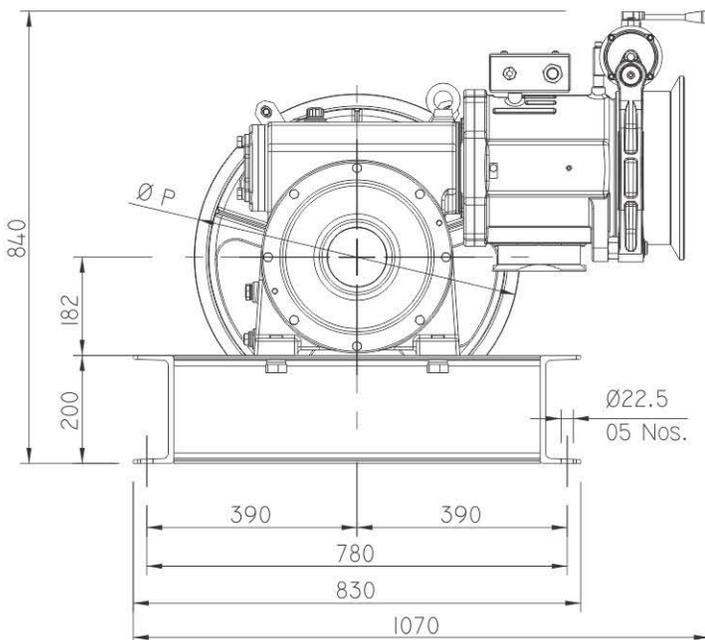
Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

AC VVVF 400 V 50 Hz Travelling : - 30 mtr

Machine	Duty Load		Roping	Async. Speed (m/sec)	Ratio	Motor Detail		RPM (Async.)	Rated Current (A)	Sheave Specification Sheave Dia x Rope Dia. X No. of Groove
	Person	Kg				kw	(HP)			
ZORRO	16	1088	1:1	1.00	1/46	11.0	15.0	1445	24.5	Ø 600 X 13mm X 4 Grv.
	2000		2:1	0.50	1/46	11.0	15.0	1445	24.5	Ø 600 X 13mm X 4 Grv.

Ø P	N X Ød	A	B	C	D
Ø600	4 X Ø13	88	212	377	303
Ø600	5 X Ø13	105	220.5	385.5	294.5
Ø560	4/5 X Ø13	105	220.5	385.5	294.5

Kindly contact us for various speed and load combination



(All dimensions are in mm)



Static Load (kg)
7000



Gear Ratio
1/46



Brake Voltage (DC)
110V



Oil Capacity (Ltr)
10.0



Weight of Machine (kg)
709* (With Bed Plate)*

* Weight of machine is varies according to selection of sheave, Motor.



Geared Traction Machine



Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

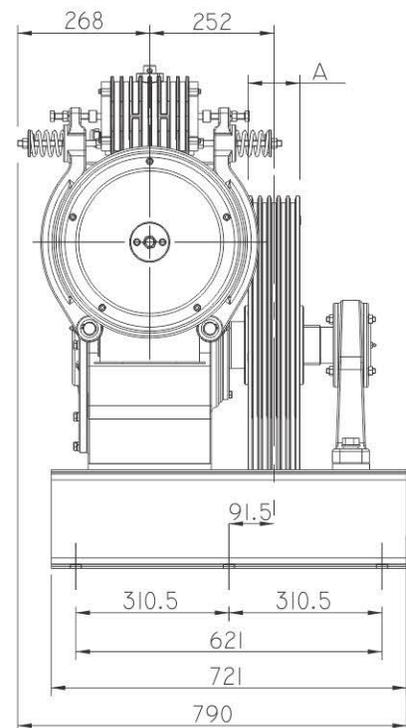
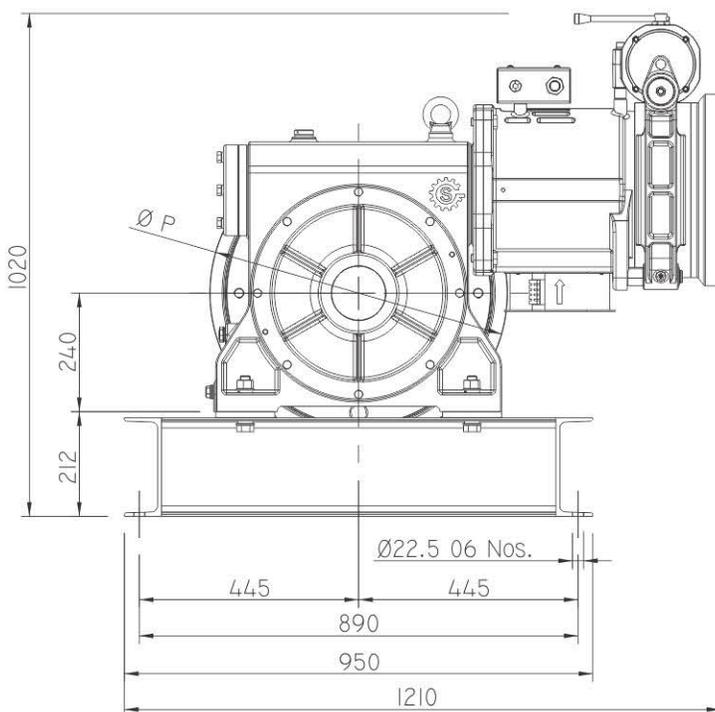
Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

AC VVVF 400 V 50 Hz Travelling : - 30 mtr

Machine	Duty Load		Roping	Async. Speed	Ratio	Motor Detail		RPM	Rated Current	Sheave Specification
	Person	Kg		(m/sec)		(kw)	(HP)	(Async.)	(A)	Sheave Dia x Rope Dia. X No. of Groove
TUSKER	20	1360	1:1	1.00	1/46	15.0	20.0	1455	29.9	Ø 600 X 13mm X 5 Grv.
	26	1768		1.00	1/46	18.5	25.0	1455	36.0	Ø 600 X 13mm X 6 Grv.
	2500		2:1	0.50	1/46	15.0	20.0	1455	29.9	Ø 600 X 13mm X 5 Grv.
	3000			0.50	1/46	15.0	20.0	1455	29.9	Ø 600 X 13mm X 5 Grv.

Kindly contact us for various speed and load combination

Ø P	N X Ød	A
Ø600	5 X Ø13	105
Ø600	6 X Ø13	124



(All dimensions are in mm)



Static Load (kg)
8200



Gear Ratio
1/58



Brake Voltage (DC)
110V

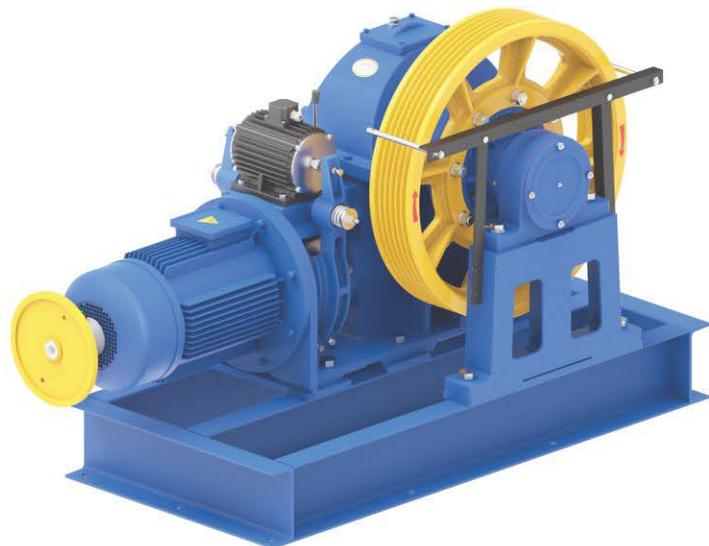


Oil Capacity (Ltr)
25.0



Weight of Machine (kg)
1290* (With Bed Plate)*

* Weight of machine is varies according to selection of sheave, Motor.



Geared Traction Machine



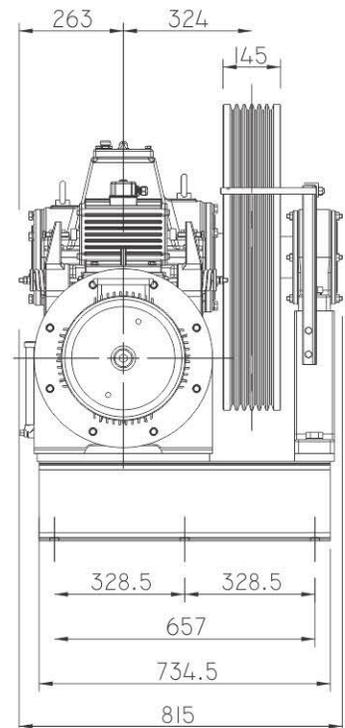
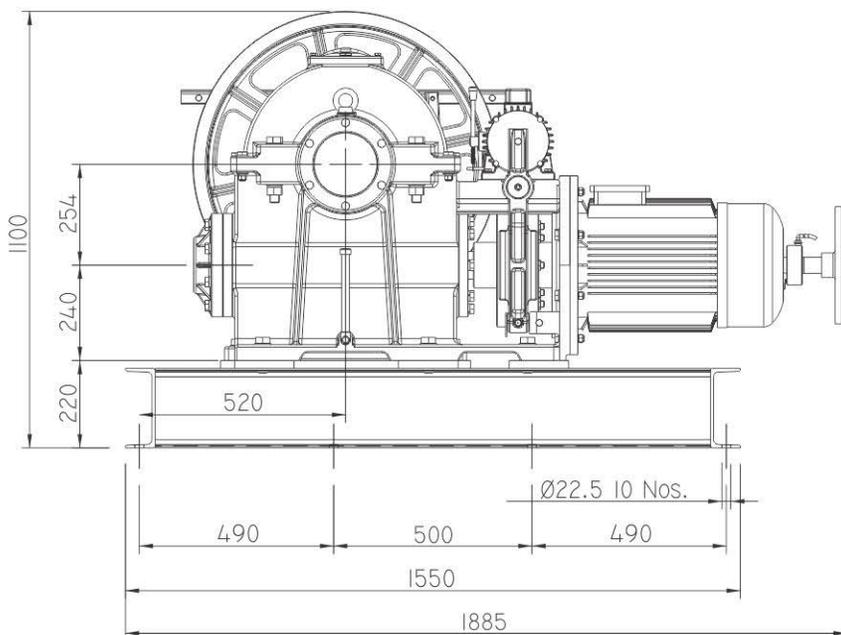
Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

AC VVVF 400 V 50 Hz Travelling : - 30 mtr

Machine	Duty Load		Roping	Async. Speed (m/sec)	Ratio	Motor Detail		RPM (Async.)	Rated Current (A)	Sheave Specification Sheave Dia x Rope Dia. X No. of Groove
	Person	Kg				(kw)	(HP)			
CAL - 250	4000		2:1	0.32	1/58	18.5	25.0	970	37.5	Ø 770 X 16mm X 5 Grv.
				0.50	1/58	22.0	30.0	1440	43.0	Ø 770 X 16mm X 5 Grv.
	5000		2:1	0.32	1/58	22.0	30.0	960	44.0	Ø 770 X 16mm X 6 Grv.
				0.50	1/58	26.0	35.0	1440	49.5	Ø 770 X 16mm X 6 Grv.

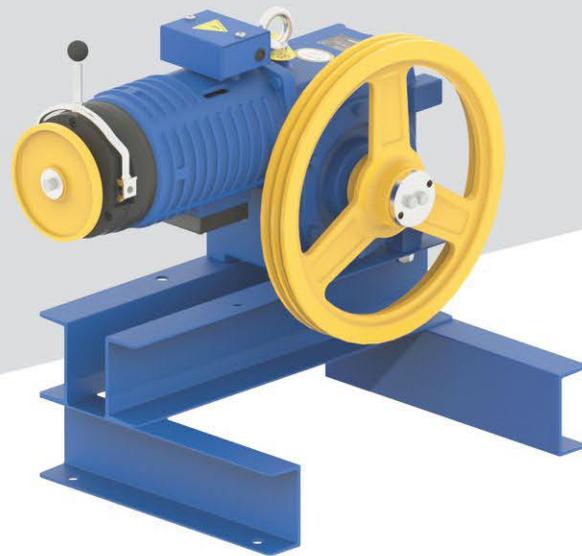
Kindly contact us for various speed and load combination



(All dimensions are in mm)

Dumbwaiter HEN-06 Pulley Type

www.sharpengineers.com



Static Load (kg)
700



Gear Ratio
1/49



Brake Voltage (DC)
190V

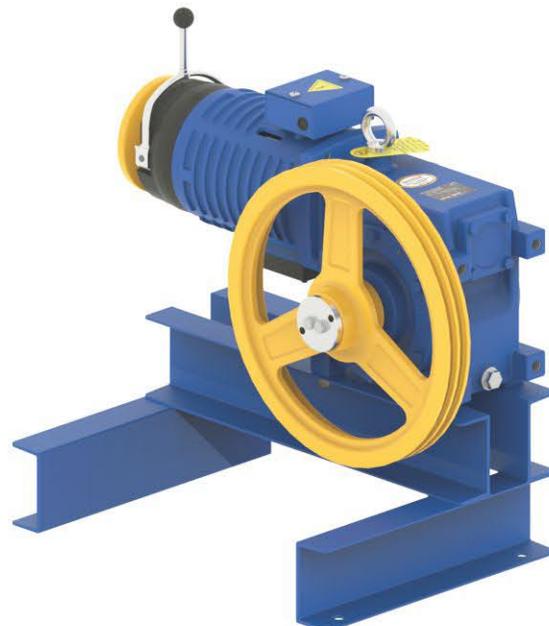


Oil Capacity (Ltr)
0.5



Weight of Machine (kg)
87* (With Bed Plate)*

* Weight of machine is varies according to selection of sheave, Motor.



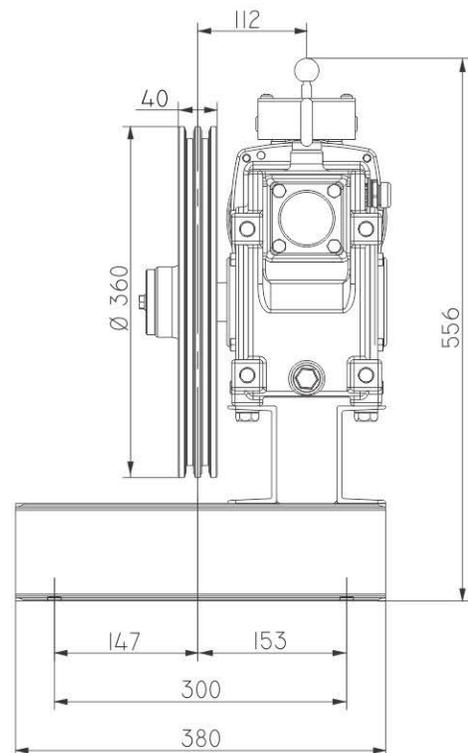
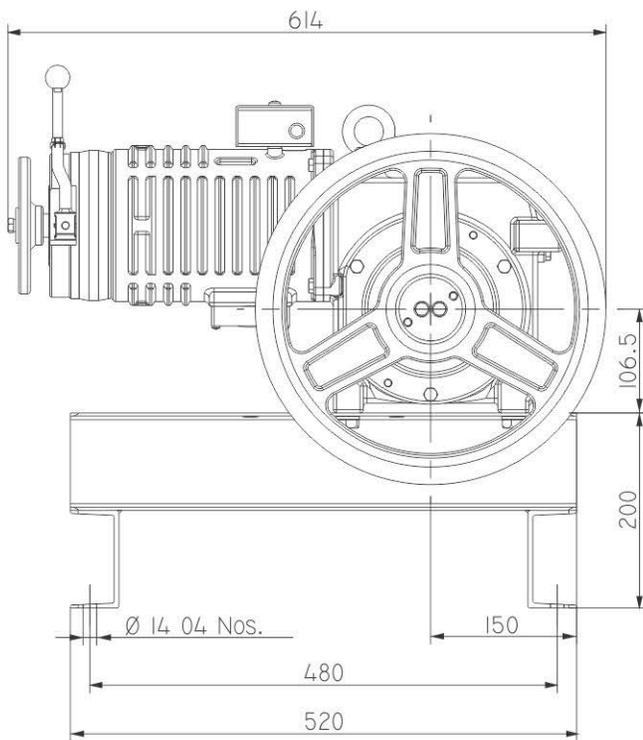
Dumbwaiter HEN-06 Pulley Type

Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

AC VVVF		415 V		50 Hz		Travelling : - 10 mtr		
Machine	Duty Load (Kg)	Roping	Async. Speed (m/sec)	Ratio	Motor Detail (Kw) (HP)	RPM (Async.)	Rated Current (A)	Sheave Specification Sheave Dia X Rope Dia. X No. of Groove
HEN - 06	250	1:1	0.50	1/49	2.2 (3.0)	1400	5.1	Ø 360 X 10mm X 2 Grv.

Kindly contact us for various speed and load combination

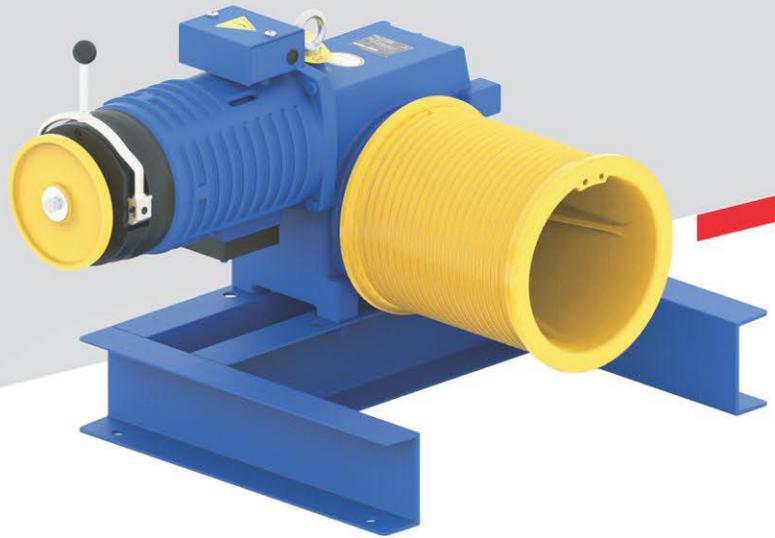


(All dimensions are in mm)

Dumbwaiter

HEN-06 Drum Type

www.sharpeengineers.com



Static Load (kg)
700



Gear Ratio
1/49



Brake Voltage (DC)
190V

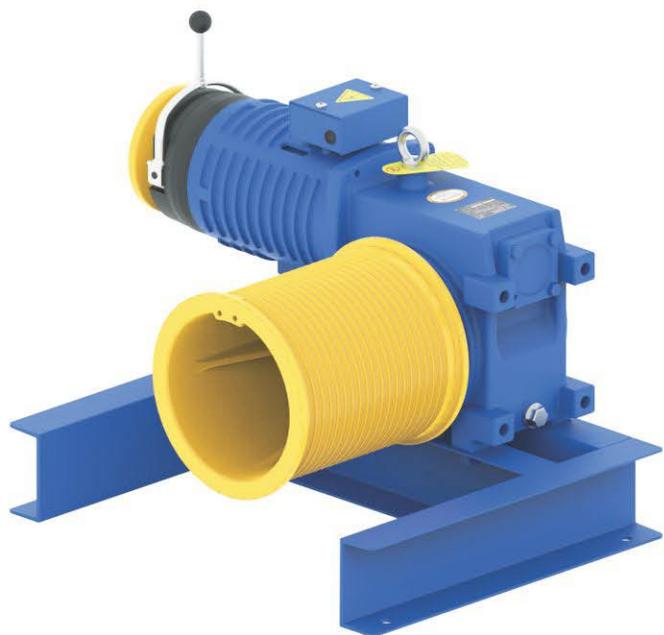


Oil Capacity (Ltr)
0.5



Weight of Machine (kg)
98*(With Bed Plate)*

* Weight of machine is varies according to selection of sheave, Motor.



Dumbwaiter HEN-06 Drum Type

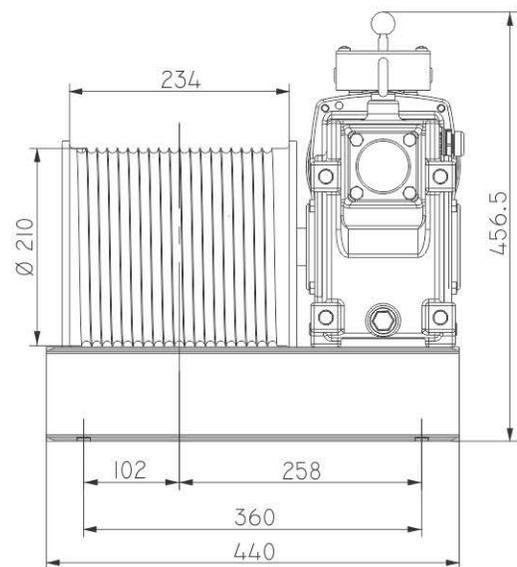
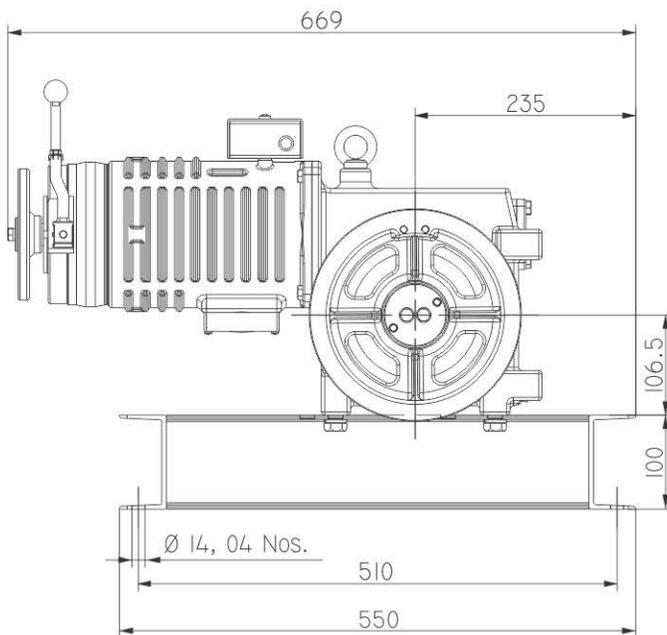
Listed loads don't include the rope's weight.
In order to know the net loads capacity, subtract rope's weight from the listed loads.

Position of the gearbox Up
Counter weight 50%
Plant efficiency 0.80

AC VVVF 415 V 50 Hz Travelling : - 10 mtr

Machine	Max. Load Carrying Capacity Including Cabin Weight	Roping	Async. Speed	Ratio	Motor Detail		RPM	Rated Current	Sheave Specification
	(Kg)				(m/sec)	(Kw)			(HP)
HEN - 06	250	1:1	0.32	1/49	2.2	3.0	1400	5.1	Ø 210 X 10mm

Kindly contact us for various speed and load combination



(All dimensions are in mm)



SERVICE OVERVIEW



Better Service for Satisfied Customers

As we say 'Elevating the Experience' we follow the same motto to provide service to all our OEM Partners. We are there 24 X 7 for all our partners.



FAST SERVICE



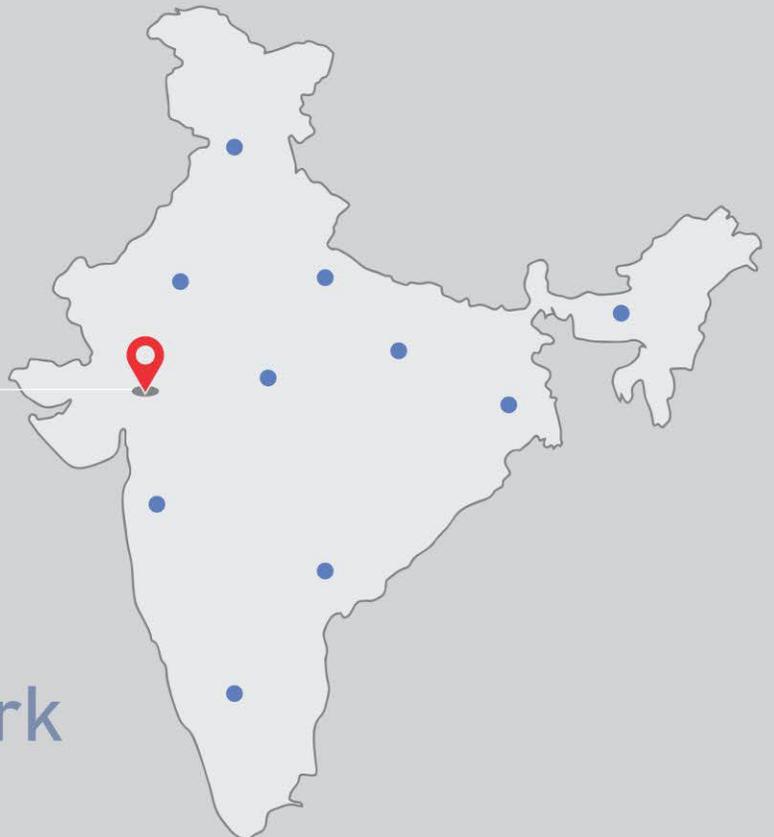
RELIABILITY



SAFETY



SERVICE



Technical Support by Well Built
Service Network



25 Global Presence Countries



Social Responsibility

“ ESG pillars help sustain the ability of businesses to maintain resources, capitals, relationships; also manage their impact and dependencies on the ecosystem, over the long term. ”



www.sharpengineers.com



7,500. Sq. Mt. Largest Factory
In Kathwada - Ahmedabad





25
Global
Presence
Countries



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Gujarat, India.

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Mobile : +91 97129 11912

E-mail : info@sharpengineers.com
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Website : www.sharpengineers.com



SCAN ME

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