

[www.damorkdrive.com](http://www.damorkdrive.com)

MOVE.  
MOTION.  
MASTERY.

for next gen v'trans machines

# Geared & Gearless Traction Machines



**DAMORK DRIVE**  
INSPIRED PERFORMANCE



## Inspired Performance

is our motto and accepted as slogan.  
we believe in ethical business with  
in depth customer satisfaction.

### Our Vision

*"To be the leader in elevator solution in India."*

### Mission

*To deliver superior values to stock holders on the pillars  
of Customer centricity, Innovation and sustainability*

### Our Values

*"Integrity, Excellence, Quality, Passion and speed"*

" DAMORK DRIVE CORPORAION is an establishment for manufacturing of gear machines and permanent magnet motor at Surat, Gujarat,India. We are manufacturer of all types of lifts gearand gearless machines and an experiment transporting people as well as products.

We maintain high standard quality. Only advance and durable production technology and control system are selected. We use strongest quality gears and control technology which is globally accepted. We are committed to develop modern technology to provide alternatives for new and innovative buildings. We are having reach experience in technical field as well as in elevator front of about more than 20 years. Our long experience in the industry has led us to adopt state of the art manufacturing standards, customized for our particular requirements

Our system monitors every aspect of production and is controlled by skilled personnel with extensive experience utilizing the most advanced machine tools available. The components used in assembling our gears and motors are designed, manufactured and inspected to achieve the highest possible precision of the machined surfaces. We believe in result oriented salient performance. Innovation inspires us to do better and better

With Regards,  
R.N. Kothadia ( B.E. Mech. )

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DIRECTOR



## What extricate us from others?



### Inspection:

Total safety is the first requirement in our industry. Our materials and manufacturing processes are continually subject to quality rigorous international standards

### Technology:

Our long experience in the in solutions, customized for our particular production and is controlled by skilled personnel with extensive experience advanced machine tools available. The components used in assembling our gears and motors are designed, manufactured and inspected to achieve the highest possible precision of the machined surfaces.

### Design, Research, Experimentation:

Technology doesn't stand still; their lives is the result of three special test-bench that simulates real working stresses. In the second test, Machine is handed to a selected group of customers for final testing in real working conditions, which alone can guarantee its total quality.

### Electric Motors:

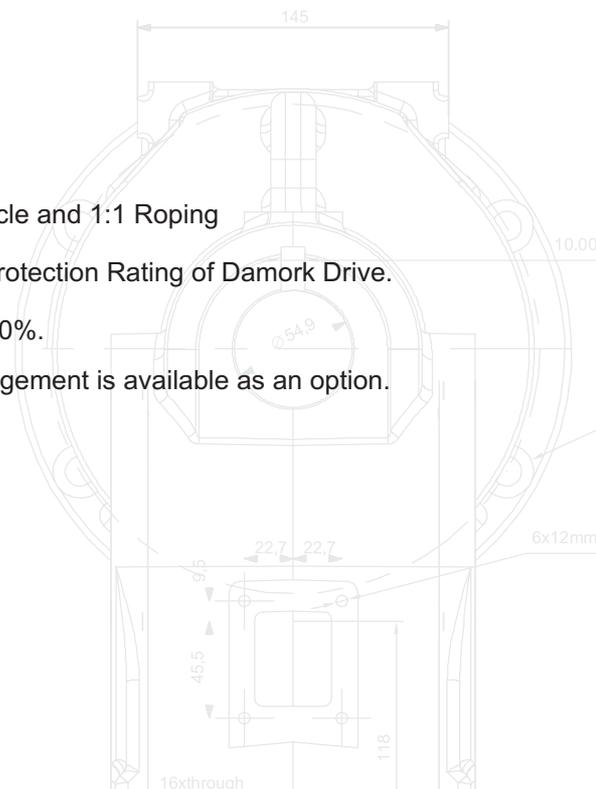
In the construction of these motors particular attention is paid to the winding and the insulation. All our motors are designed for VVVF operation

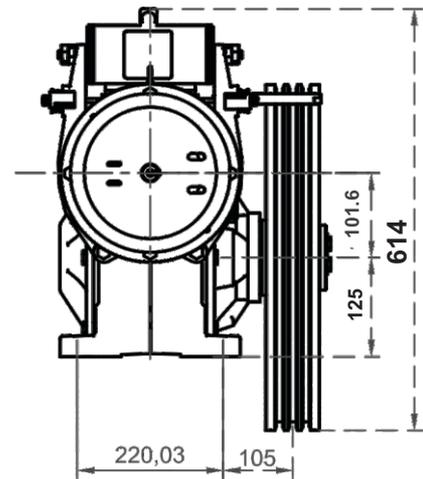
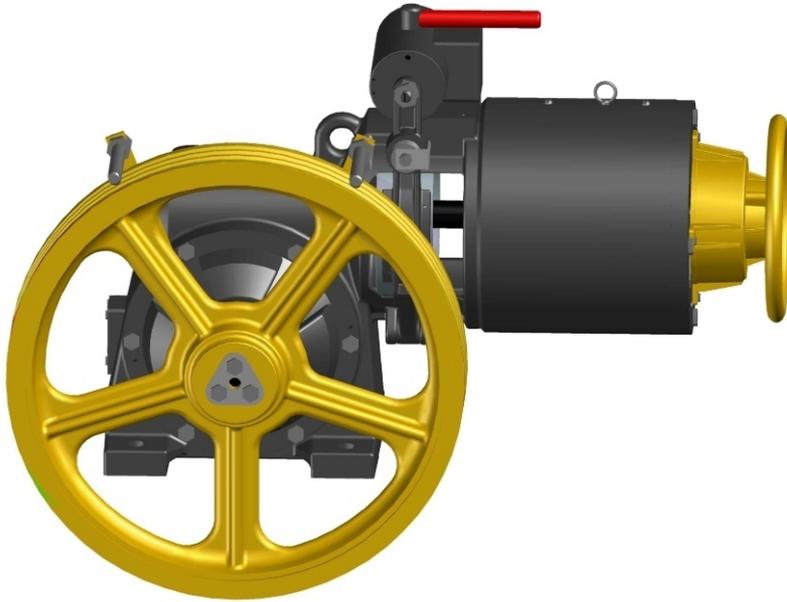
### Certified Quality Assurance

The entire Damork Drive manufacturing process can be summed up as follows: a system which doesn't rest on its laurels, but which, thanks to our company know future challenges. When one company is ahead of the pack, it cuts the path which the whole industry follows.

## Damork Drive Geared Machines Standards

1. All geared machines are designed for 180 starts per hour at 40% duty cycle and 1:1 Roping
2. All motors are designed with Insulation class F and with Right Of Entry Protection Rating of Damork Drive.
3. All machines are designed with counter weight ratio of between 45% to 50%.
4. Standard geared machines are all Right Hand machines. Left hand arrangement is available as an option.
5. Standard machines are all VVVF controlled machines (50 Hz power).
6. All machine grooves are U shape groove and matric size.

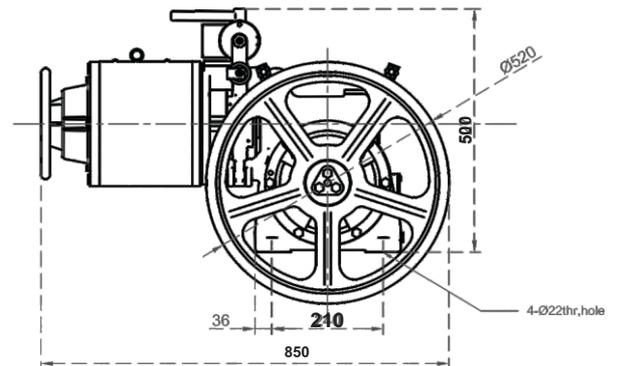


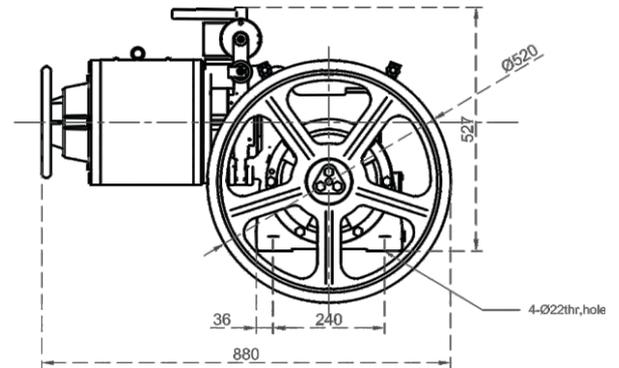
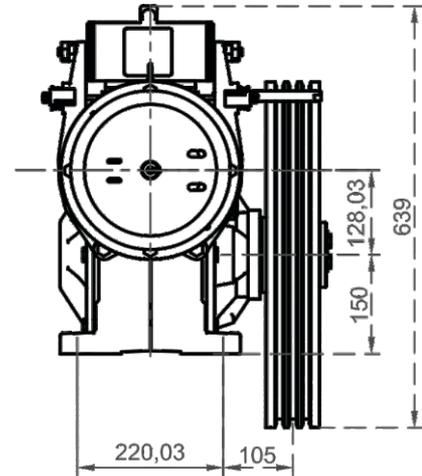
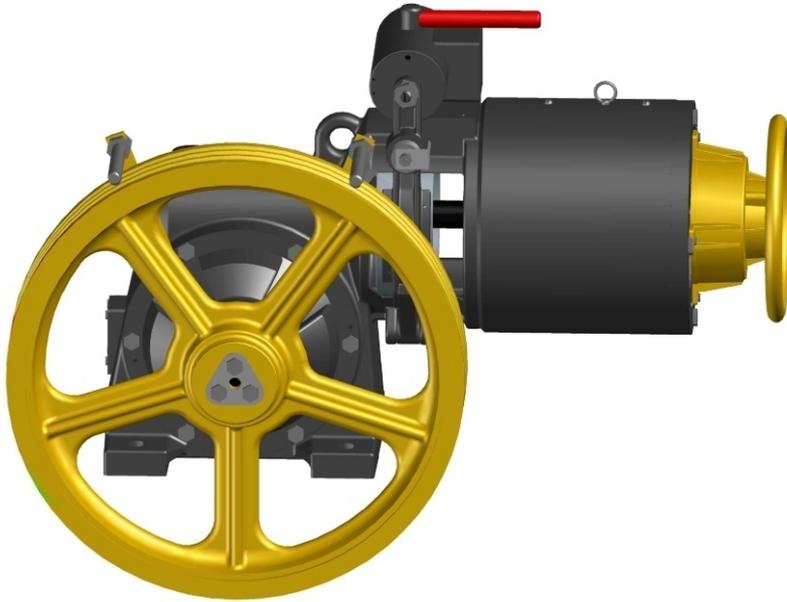


## *Kalind*

Static load - 2000 Kg  
Max Travel- G+6

Technical Specification	Values
Capacity	408 Kg.
Speed Range (m/s)	0.66
Gear Ratio	40:1
Power Range	4 Kw
Current (A)	9
Brake Voltage	DC 110 V / 1A
Main sheave Diameter	520 mm
No. Of Groove	13 mm , 3 Rope, 20 Pitch
Pole	4
Motor Speed	950 rpm
Voltage	380
Frequency (Hz)	33
Oil Capacity	4.0 Ltr.
Weight of Machine- Without Base Plate	200 Kg.

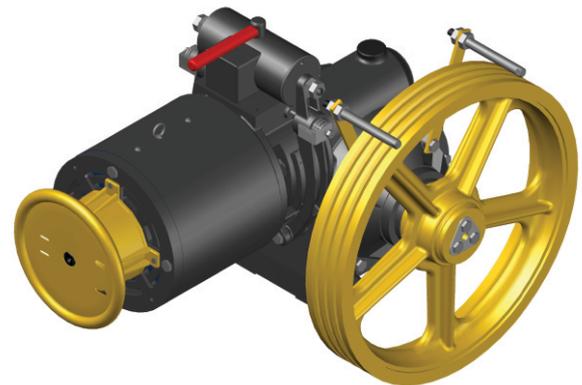


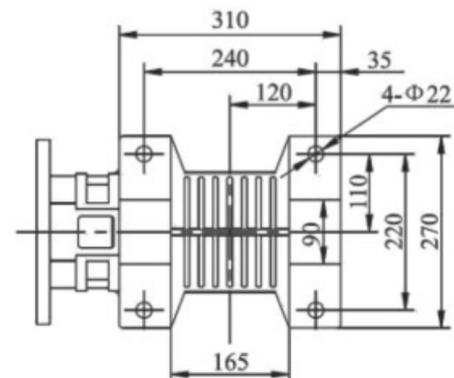
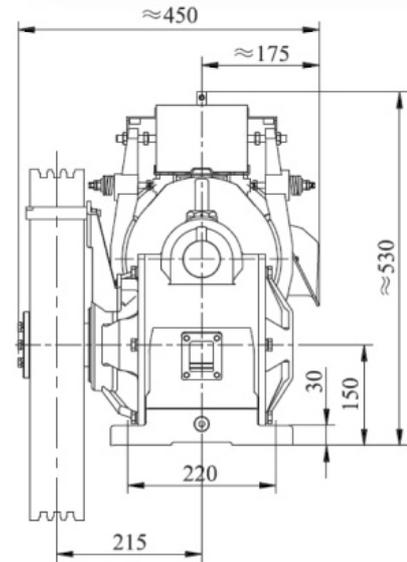
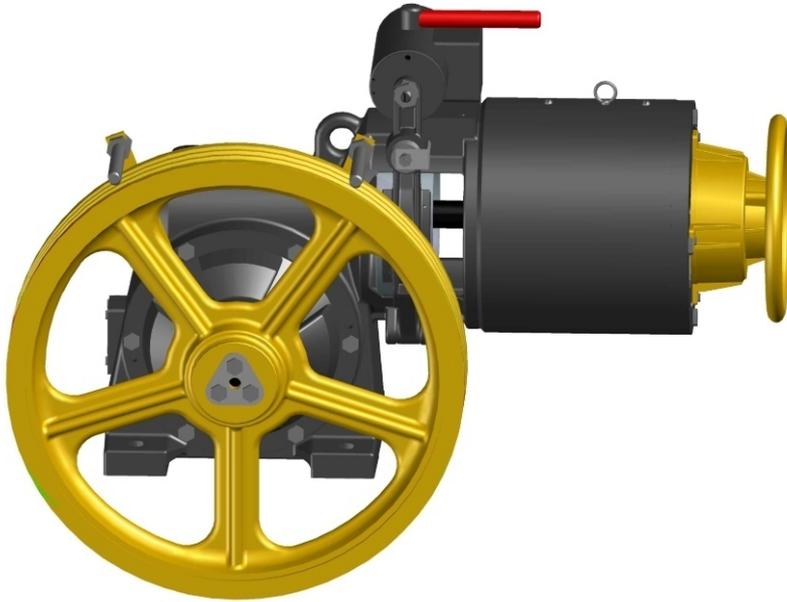


## DGM128

Static load - 2000 Kg  
Max Travel- G+10

Technical Specification	Values
Capacity	408 Kg.
Speed Range (m/s)	1.00
Gear Ratio	40:1
Power Range	4 Kw.
Current (A)	9
Brake Voltage	DC 110 V / 1A
Main sheave Diameter	520 mm
No. Of Groove	13 mm , 3 Rope, 20 Pitch
Pole	4
Motor Speed	1440/950 rpm
Voltage	380
Frequency (Hz)	50
Oil Capacity	4.5 Ltr.
Weight of Machine - Without Base Plate	220 Kg.

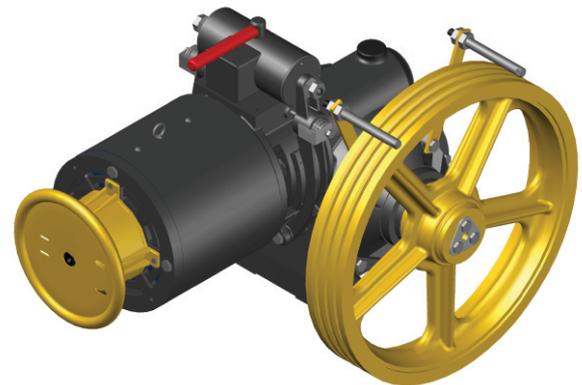


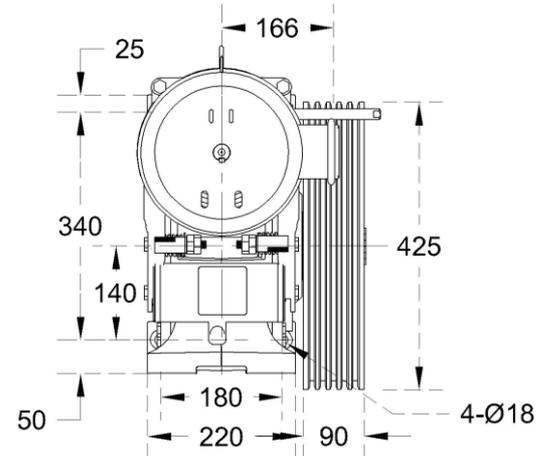
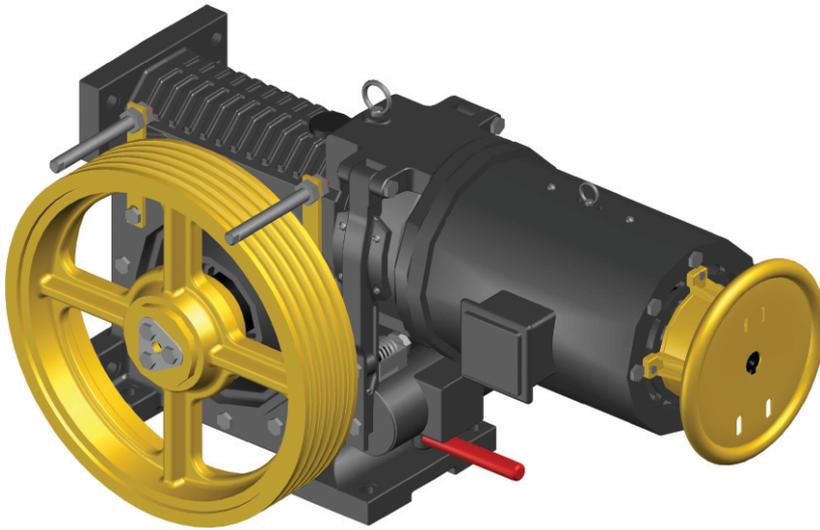


## DGM135

Static load - 2300 Kg  
Max Travel- G+6

Technical Specification	Values
Capacity	544 Kg.
Speed Range (m/s)	1.00 / 0.66
Gear Ratio	37:1
Power Range	5.5 Kw
Current (A)	11.2
Brake Voltage	DC 110 V / 1A
Main sheave Diameter	520 mm
No. Of Groove	13 mm , 3 Rope, 20 Pitch
Pole	4
Motor Speed	1360 rpm
Voltage	380
Frequency (Hz)	47
Oil Capacity	5 Ltr.
Weight of Machine- Without Base Plate	230 Kg.

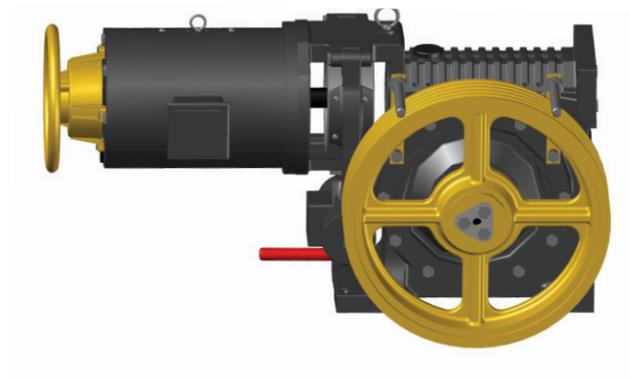
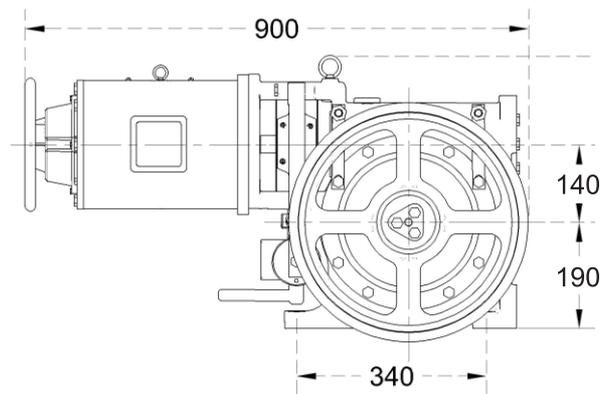


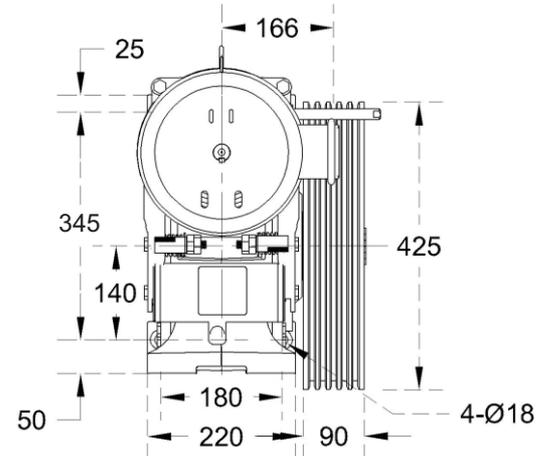
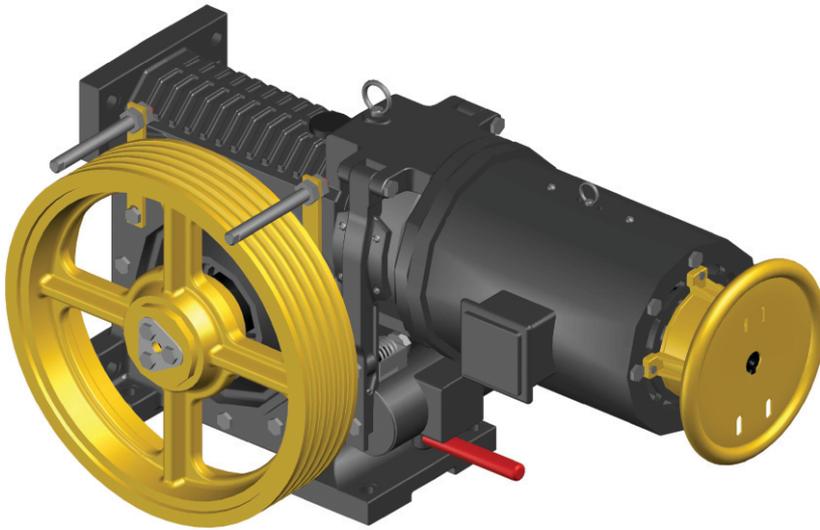


## DGM140

Static load - 2800 Kg  
Max Travel- G+10

Technical Specification	Values
Capacity	544 Kg.
Speed Range (m/s)	1.00
Gear Ratio	32:1
Power Range	5.5 Kw.
Current (A)	11.2
Brake Voltage	DC 110 V / 1A
Main sheave Diameter	425 mm
No. Of Groove	10 mm , 5 Rope, 15 Pitch
Pole	4
Motor Speed	1440 rpm
Voltage	380
Frequency (Hz)	50
Oil Capacity	5 Ltr.
Weight of Machine- Without Base Plate	285 Kg.

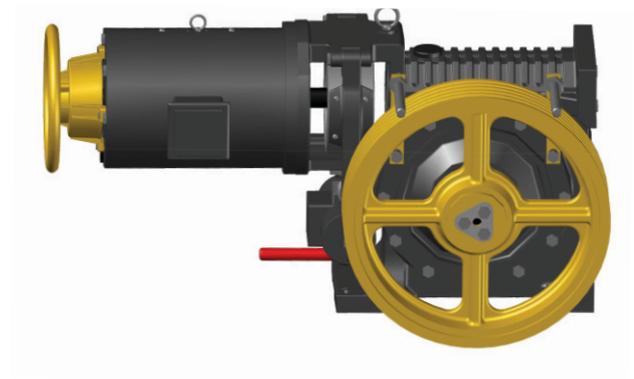
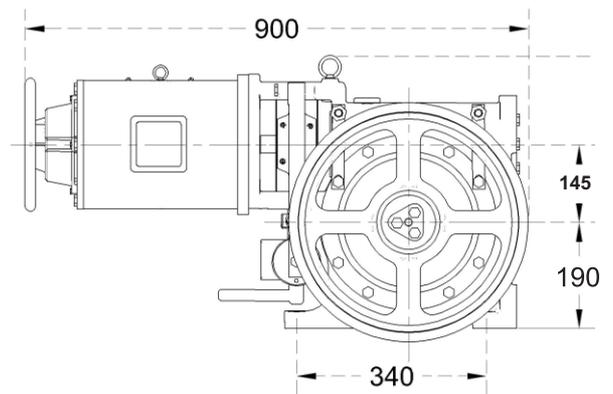


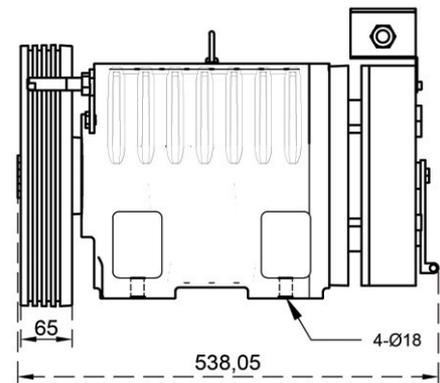
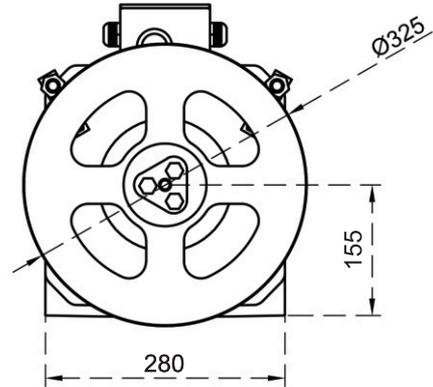
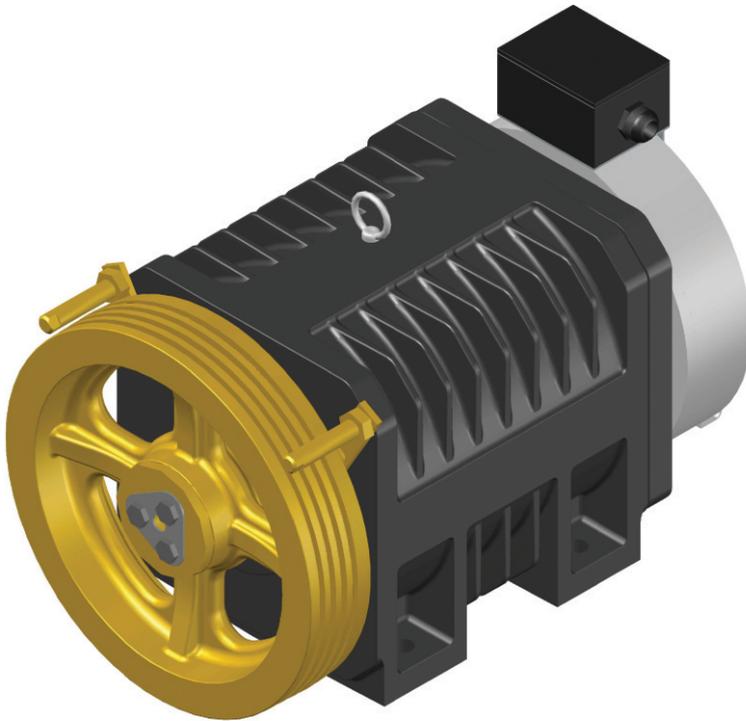


## DGM145

Static load - 2800 Kg  
Max Travel- G+6

Technical Specification	Values
Capacity	680 Kg.
Speed Range (m/s)	1.00/0.65 m/sec
Gear Ratio	32:1
Power Range	5.5 Kw.
Current (A)	11.2
Brake Voltage	DC 110 V / 1A
Main sheave Diameter	425 mm
No. Of Groove	10 mm , 5 Rope, 15 Pitch
Pole	4
Motor Speed	1440 rpm
Voltage	380
Frequency (Hz)	50
Oil Capacity	5.5 Ltr.
Weight of Machine- Without Base Plate	290 Kg.

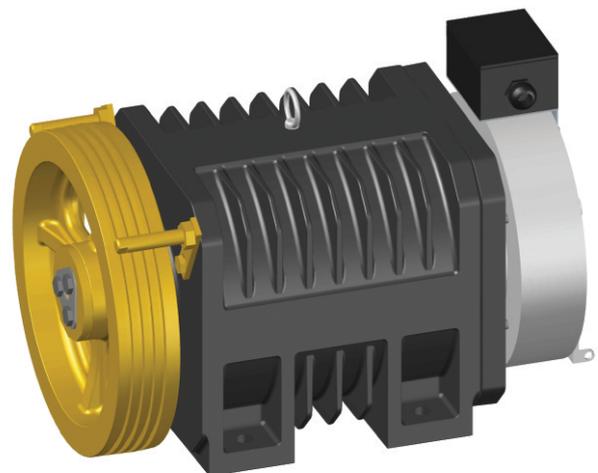




## DPM260

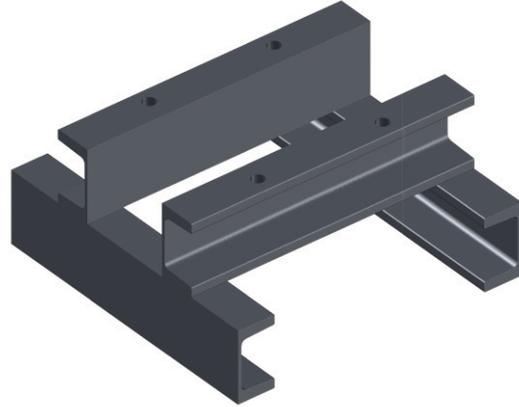
Static load - 1800 Kg  
Max Travel- G+8

Technical Specification	Values
Capacity	408 Kg.
Speed Range (m/s)	1.00
Rated Torque (Nm)	240
Power Range	3 Kw.
Current (A)	8.4
Brake Voltage	DC 110 V / 1.8A
Main sheave Diameter	320 mm
No. Of Groove	8 mm , 4 Rope , 12 Pitch
Pole	20
Motor Speed	120 rpm
Voltage	380
Frequency (Hz)	20
Weight of Machine- Without Base Plate	190 Kg.





400 mm & 300 mm  
Car & Counter Frame Pulley



Low Base Plate



400 mm  
Divertor Pulley



High Base Plate



Encoder



Isolation Pad

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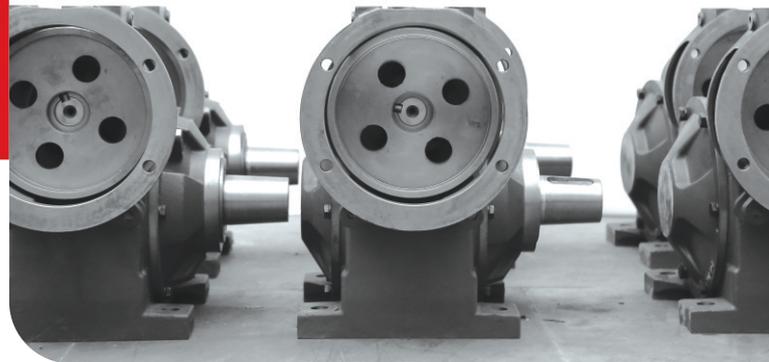


# DAMORK DRIVE

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