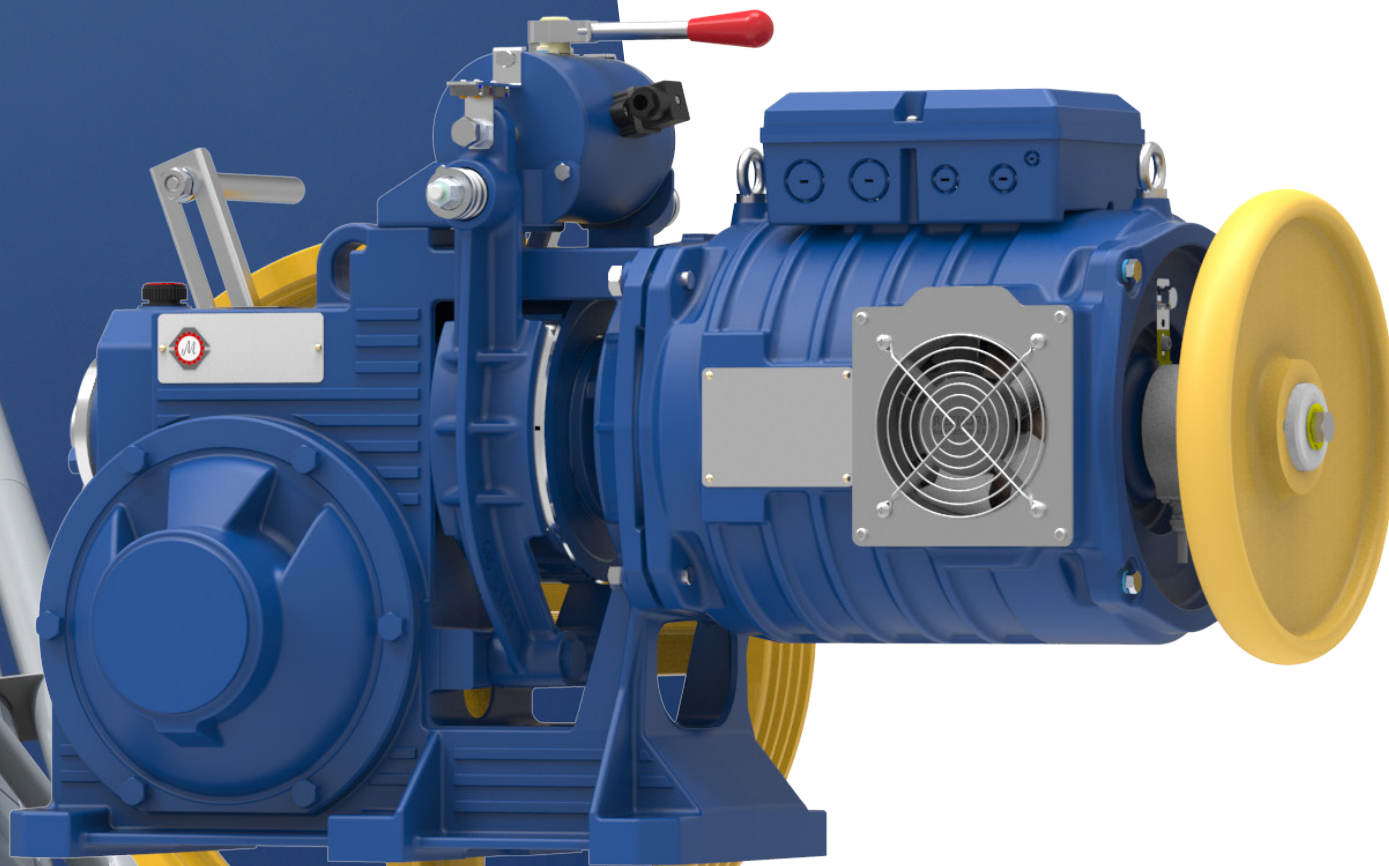


MONTANARI NEW MOTOR FOR GEARBOX



Montanari Group
GEARLESS&GEARBOX
TRACTION MACHINES





Dear Customer,

the new Montanari motor for gearbox is the result of a project aimed to offer the best choice in terms of:

- TECHNICAL FEATURES
- PERFORMANCES
- EASE OF CHOICE

We're sure that you will enjoy all of the innovations of this new motor entirely produced in Italy in our manufacturing site of Lodi.

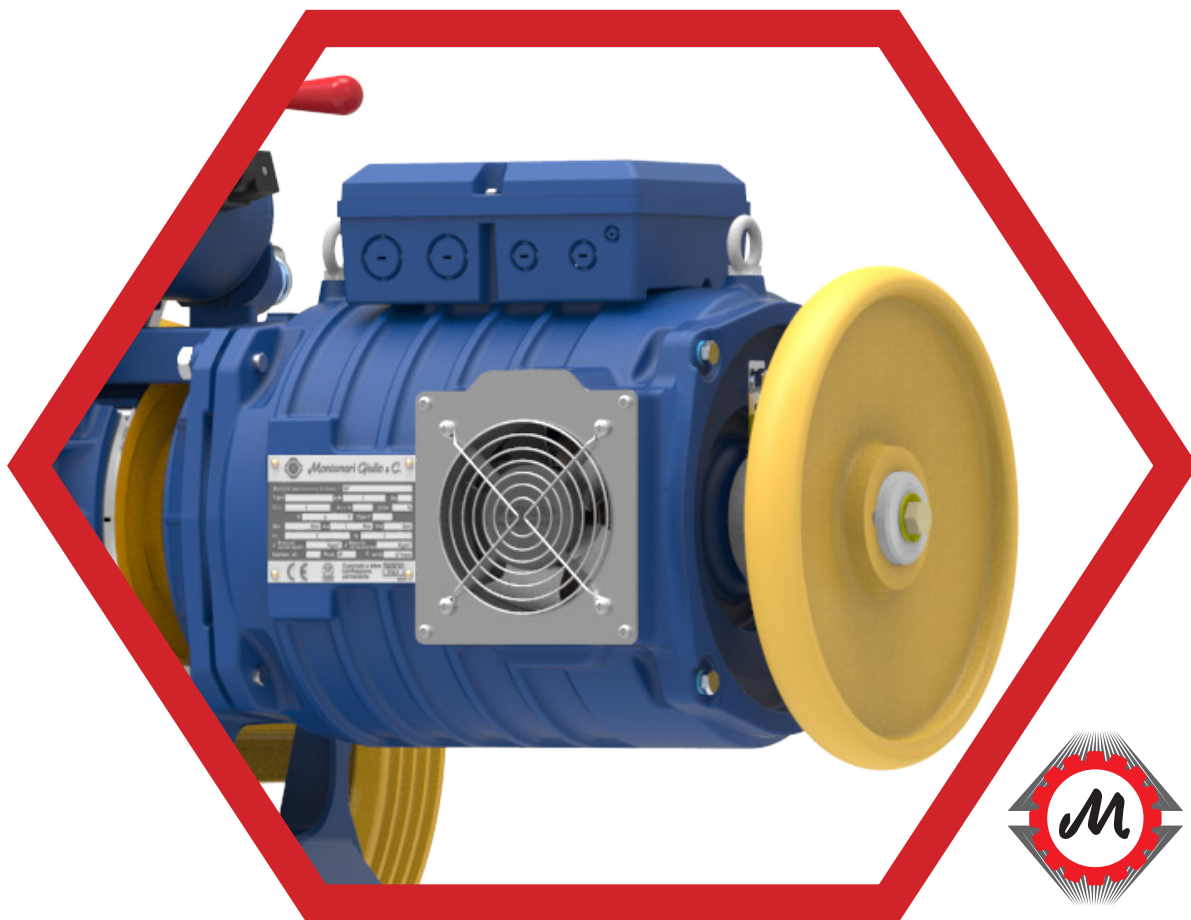
The power range covered by the new motor is available on the comparative tables included in this document.

Montanari motors for gearbox have always been a synonymous of quality, durability and reliability and we want to confirm and increase this reputation also for the future.

Massimo Montanari
Ceo
Montanari Group



WELCOME TO THE NEW MONTANARI ELECTRICAL MOTOR
LET'S DISCOVER TOGETHER THE NEW FEATURES AND ADVANTAGES

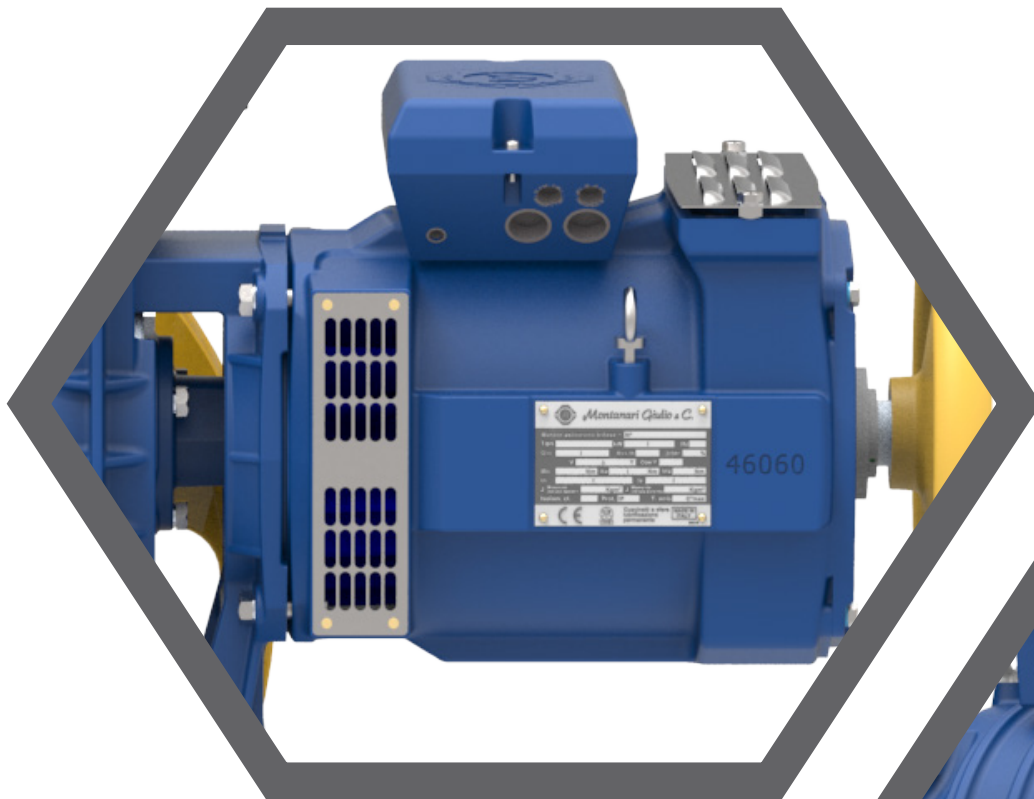


Design
Performance
Power Range: AC1/AC2/VTF



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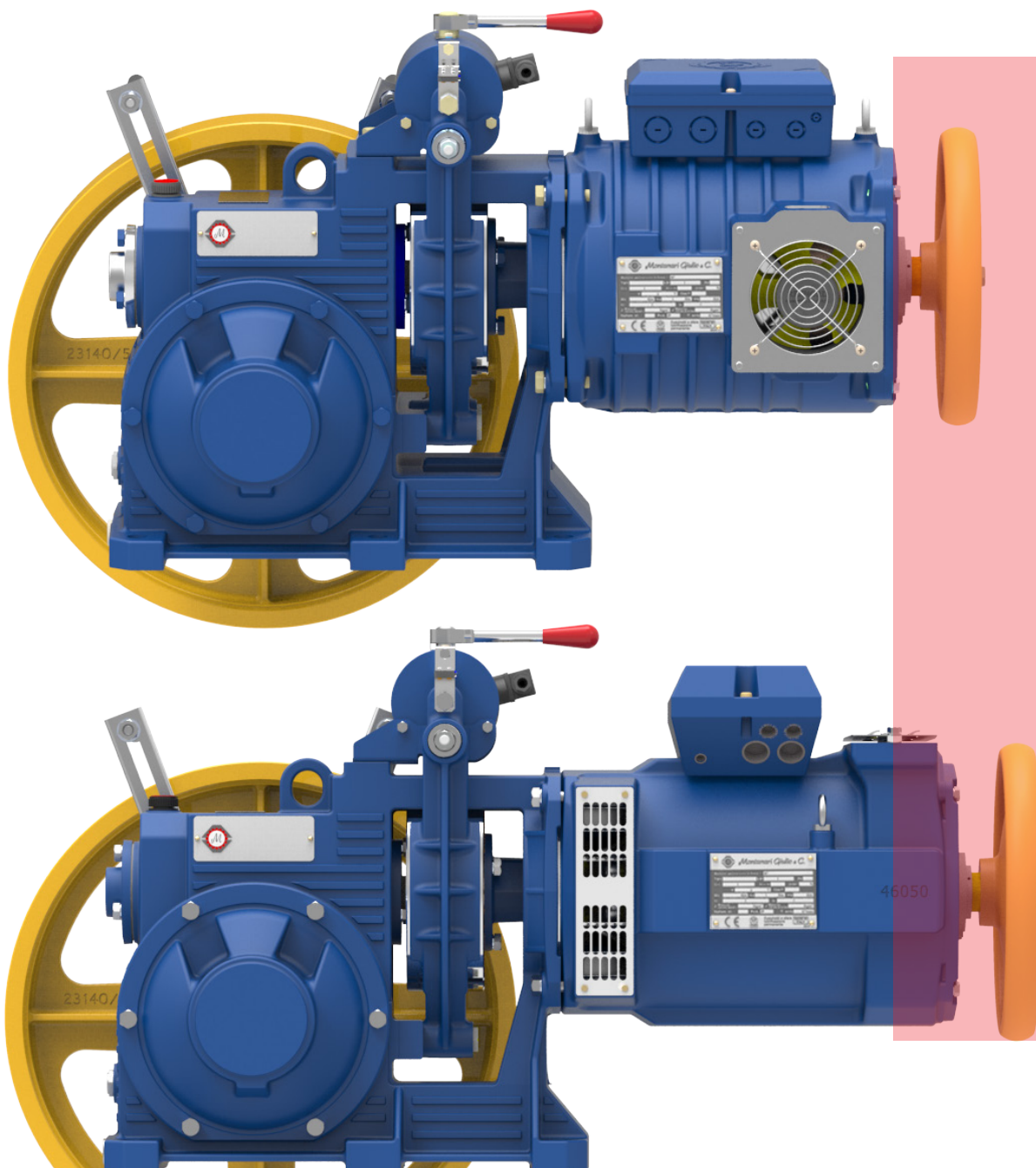
DESIGN



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NEW FAN POSITION
RIGHT&LEFT SIDE





MORE COMPACT
Reduced Size
-60 mm



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PERFORMANCE



-3dB (A) = 50% reduction of the perceived noise level.

RIBBED SHAPE
Better heat dissipation



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STARTS/HOUR for the whole range

AC1 - AC2: 180 S/H

VTF: 240 S/H

New power range for an easier choice.



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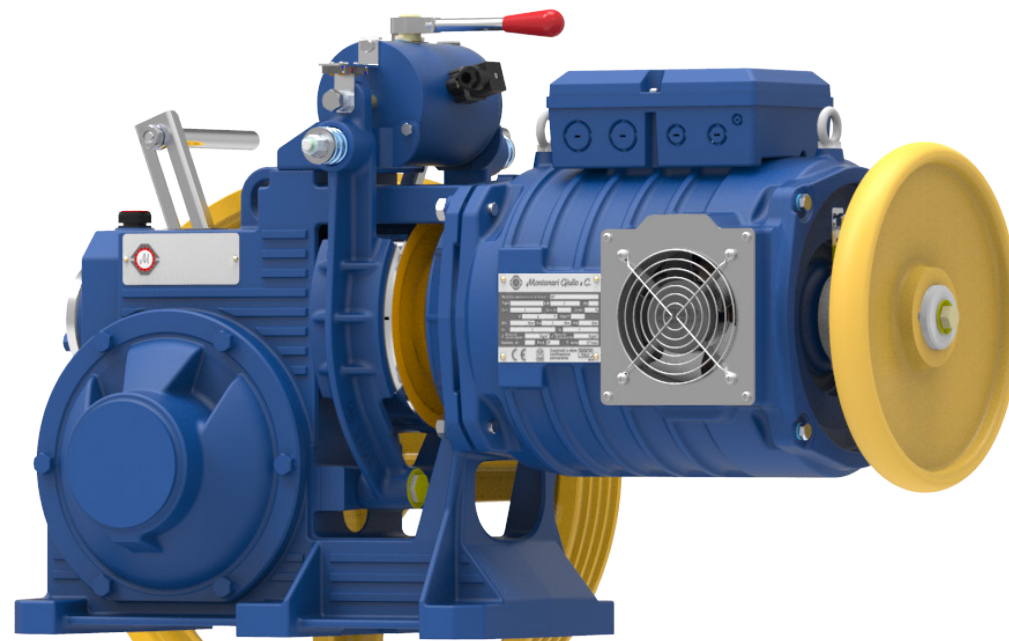
NEW MOTOR POWER RANGE & COMPARISON WITH THE PREVIOUS ONE

POWER RANGE AC2 - Two speed				
POLES		TENSION		
N		V – Hz*		
4/16		400-50		
PREVIOUS		NEW MOTOR		
STARTS/HOUR	POWER	POWER	STARTS/ HOUR	MOTOR TYPE
	kW	kW		NAMEPLATE
90/120/180/240	3	3	180	AC2132.15
90/120/180/240	3,7	4	180	AC2132.18
90/120/180/240	4,4	4,5	180	AC2132.22
90/120/180/240	4,9	5	180	AC2132.27R
90/120/180/240	5,5	5,5	180	AC2132.27
90/120/180/240	5,9	6	180	AC2132.27
90/120/180/240	6,6	6,5	180	AC2132.33R
90/120/180/240	7,4	7,5	180	AC2132.33

*other V-Hz versions available

POWER RANGE MOTORS VTF		
POLES	STARTS	TENSION
N	S/H	V – Hz*
4	240	400-50
PREVIOUS	NEW MOTOR	
POWER	POWER	MOTOR TYPE
kW	kW	NAMEPLATE
3	3	VTF132.15R
4	4	VTF132.15
5,5	5,5	VTF132.18
7,5	7,5	VTF132.22
9	9	VTF132.27
11	11	VTF132.33R

POWER RANGE MOTORS VTF		
POLES	STARTS	TENSION
N	S/H	V – Hz*
6	240	400-50
PREVIOUS	NEW MOTOR	
POWER	POWER	MOTOR TYPE
kW	kW	NAMEPLATE
3	3	VTF132.15R
4	4	VTF132.18
5,5	5,5	VTF132.27
7,5	7,5	VTF132.33R
9	9	VTF132.33



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NEW MOTOR POWER RANGE & COMPARISON WITH THE PREVIOUS ONE

POWER RANGE AC1 - One speed				
POLES		TENSION		
N		V – Hz*		
4		400-50		
PREVIOUS		NEW MOTOR		
STARTS/ HOUR	POWER	POWER	STARTS/ HOUR	MOTOR TYPE
	kW	kW		NAMEPLATE
120/240	3	3	180	AC1132.12
120/240	3,7	4	180	AC1132.15R
	4,4			
120/240	4,9	5,5	180	AC1132.22R
	5,5			
120/240	5,9	7,5	180	AC1132.27R
	6,6			
	7,4			
120/240	8,8	9	180	AC1132.33R
120/240	10,3	11	180	AC1132.33

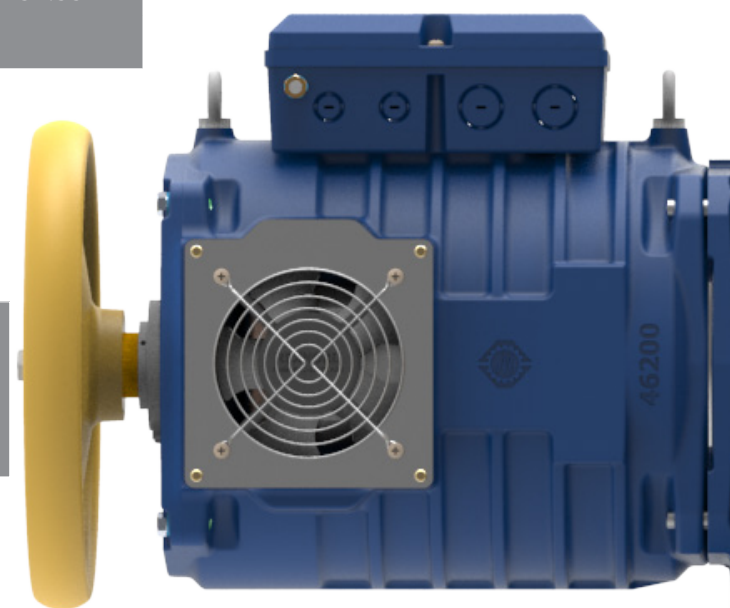
POWER RANGE AC1 - One speed				
POLES		TENSION		
N		V – Hz*		
6		400-50		
PREVIOUS		NEW MOTOR		
STARTS/ HOUR	POWER	POWER	STARTS/ HOUR	MOTOR TYPE
	kW	kW		NAMEPLATE
120	3	3	180	AC1132.15R
120	3,7	4	180	AC1132.18
120	4,4			
120	4,9	5,5	180	AC1132.22
120	5,5			
120	5,9	7,5	180	AC1132.33
120	6,6			
120	7,4			

The new motor covers the following models:

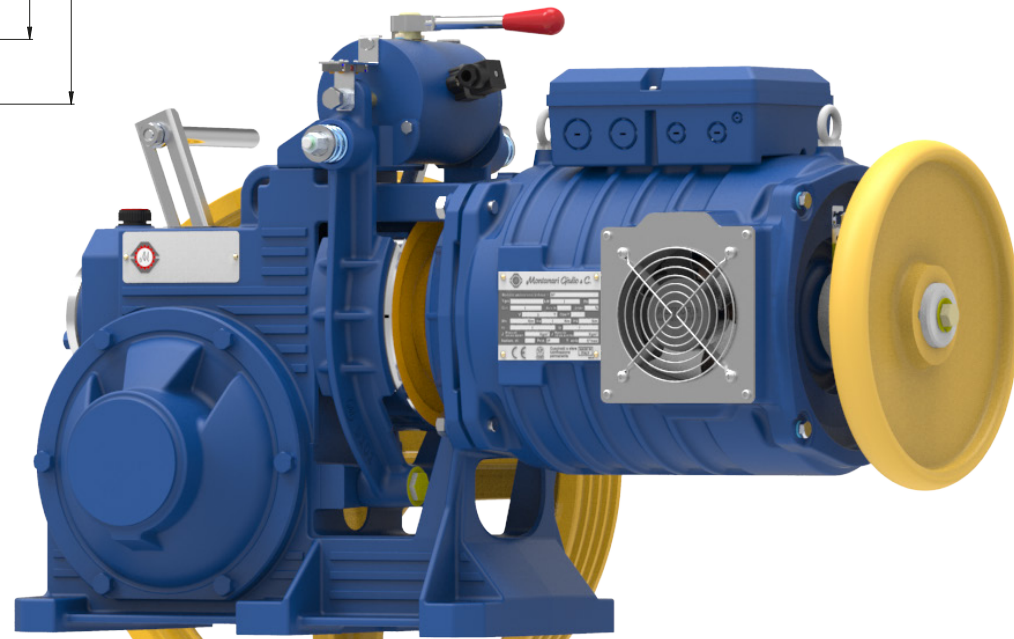
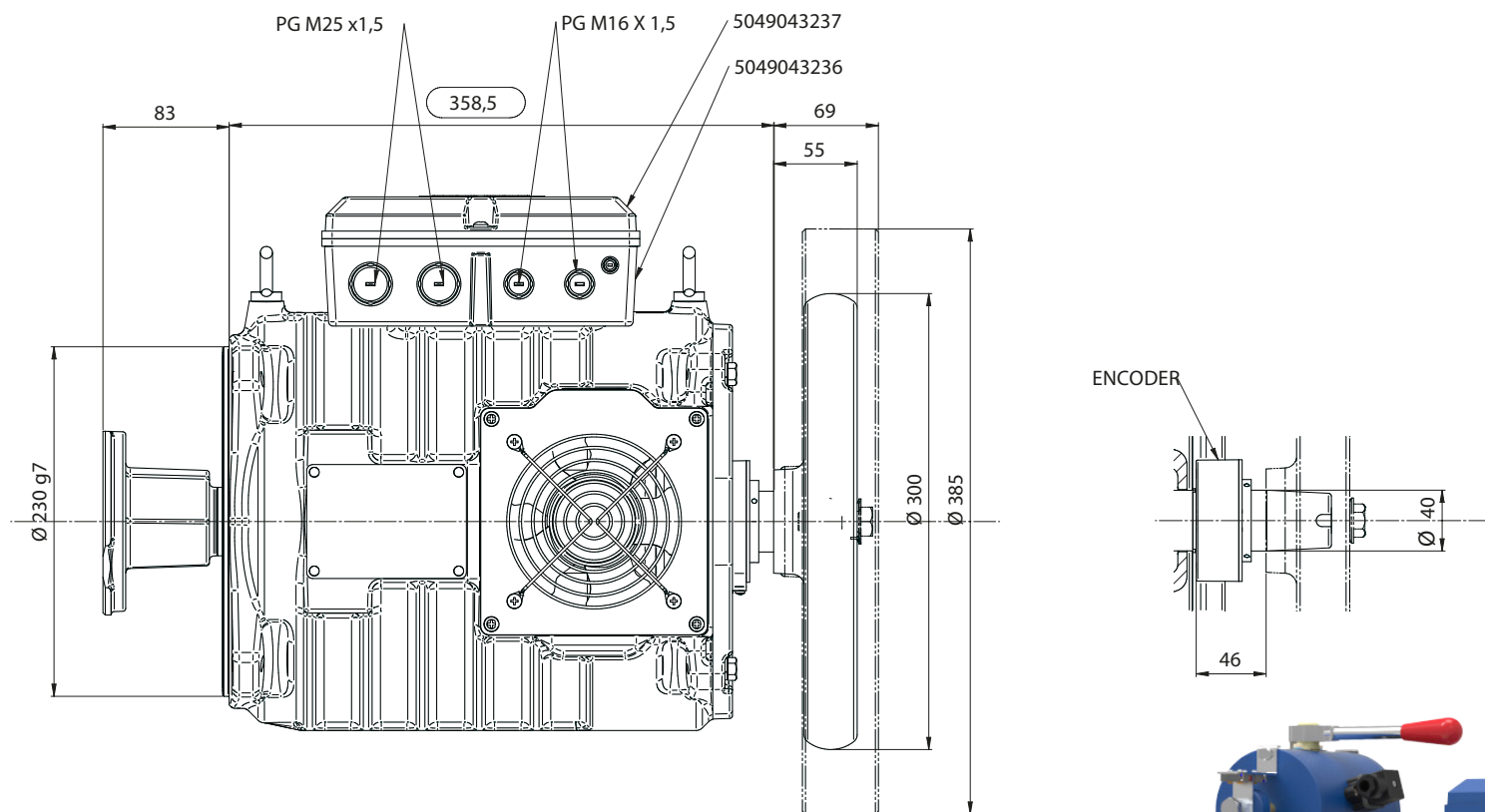
- M65 - M73 - M75: all versions
- M83 - M85 - M93 - M95: with motor size L132

Penta & Penta 830 have their own motor and don't install the new version.

*other V-Hz versions available

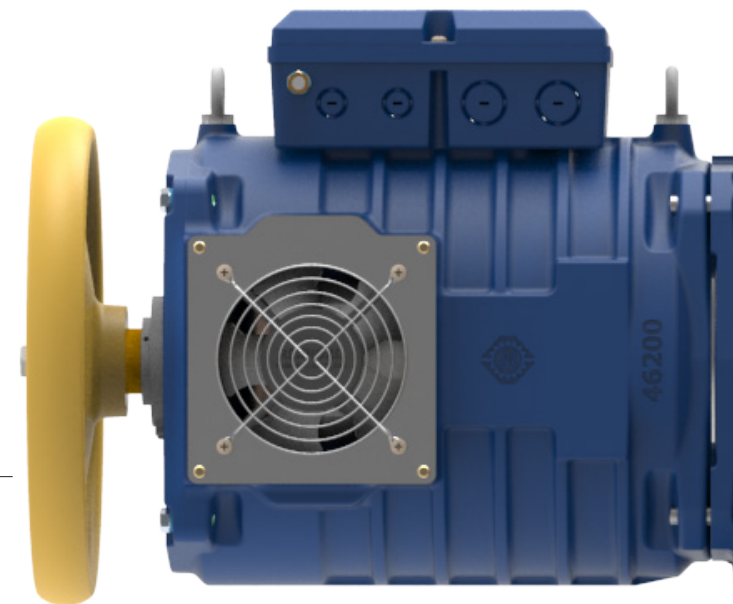
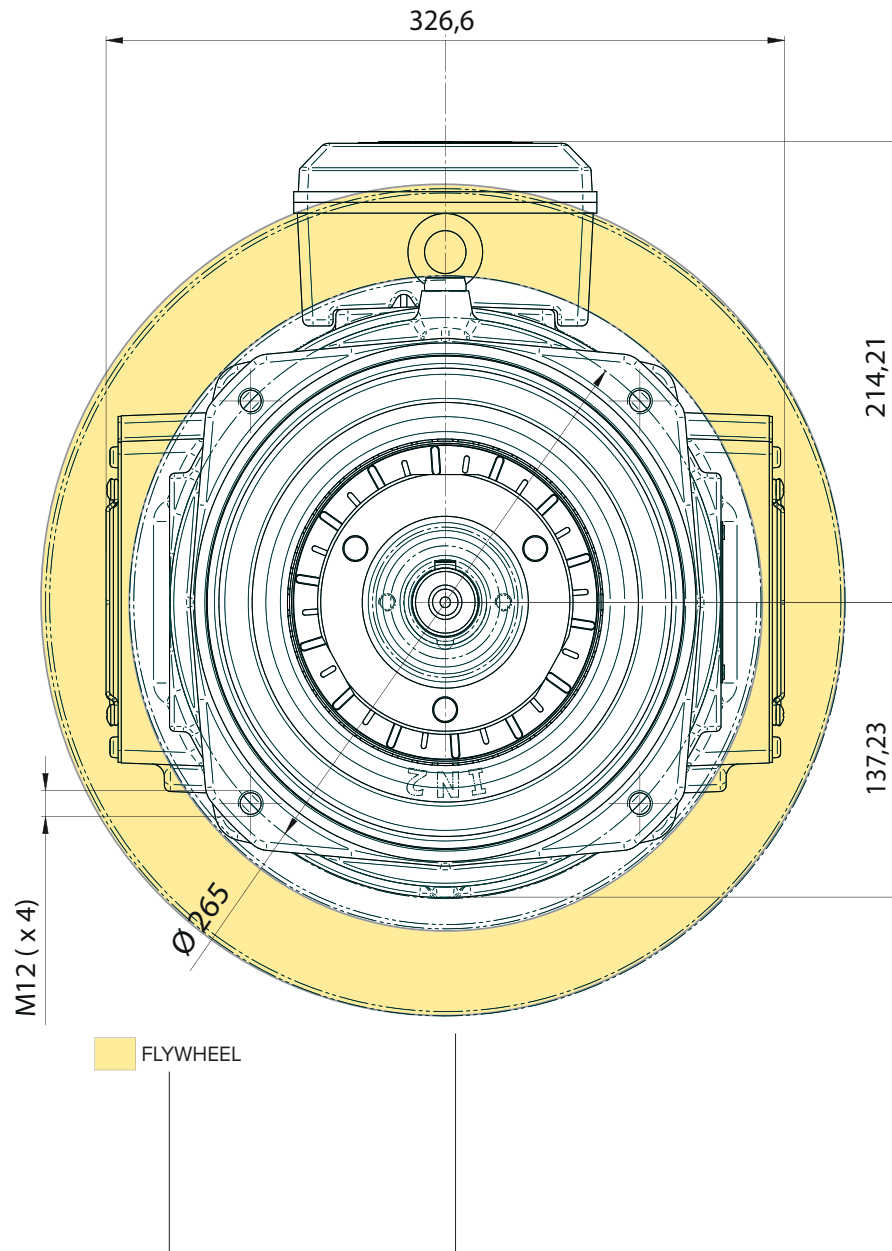


SIDE VIEW & SIZE



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SECTION VIEW





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