



**C.F.R.** srl  
Modena - Italy

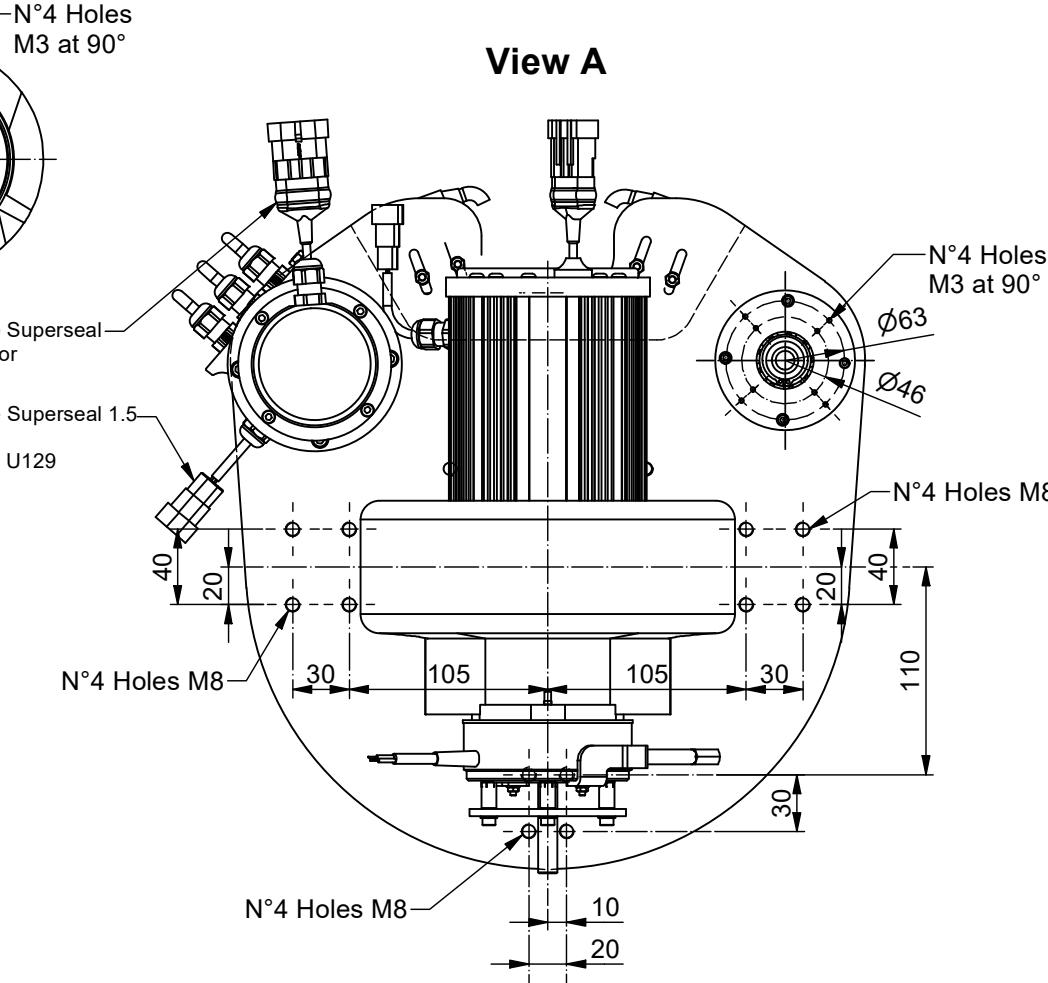
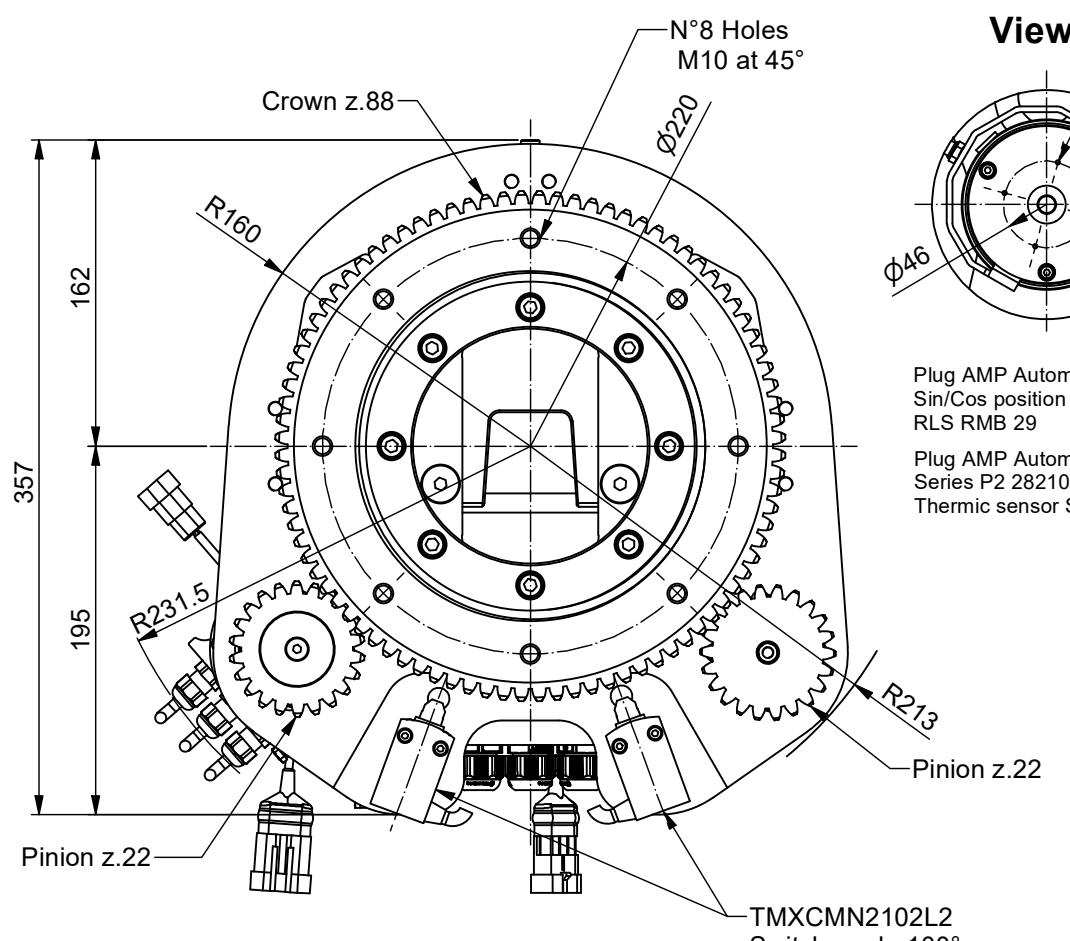
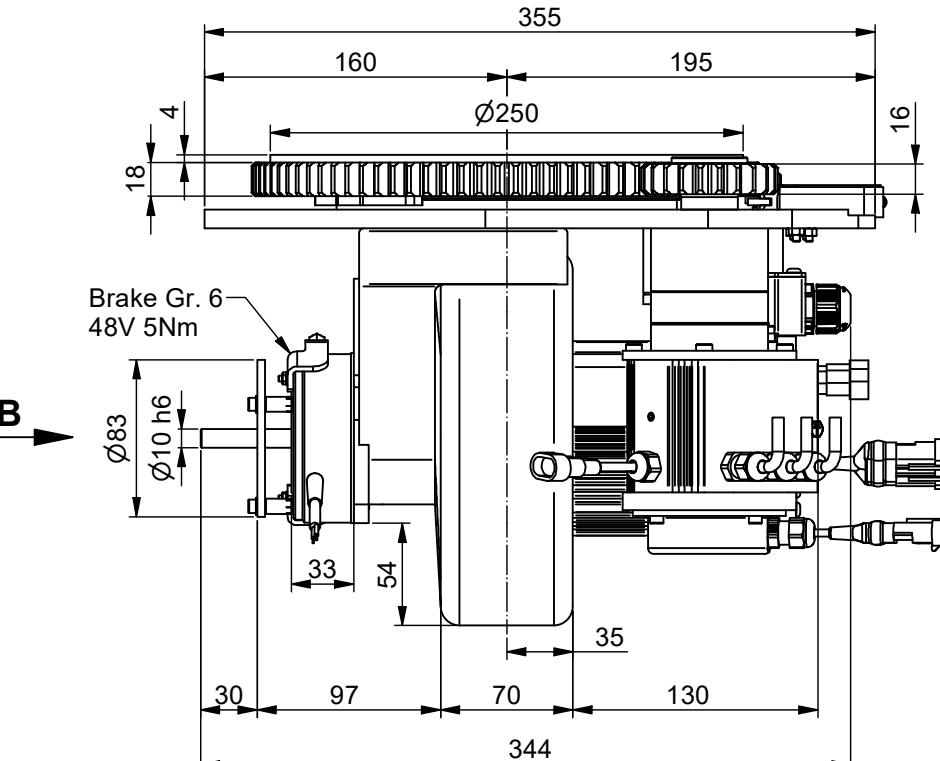
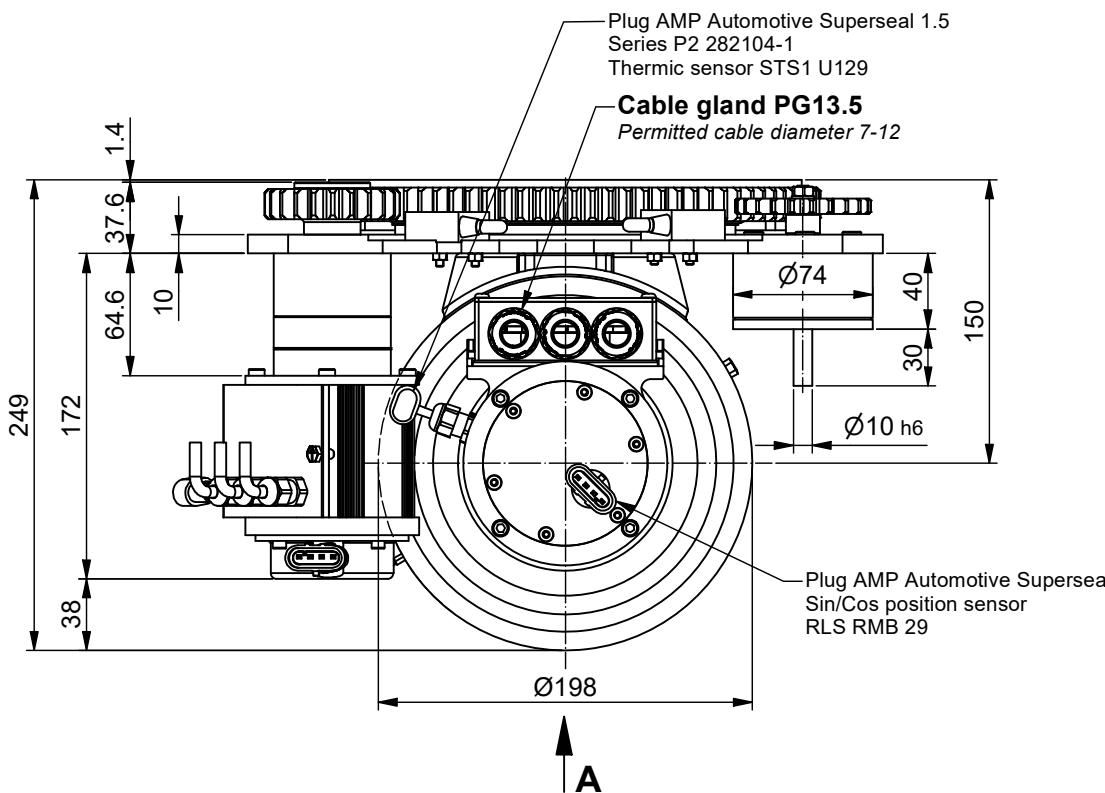
# PMAC MOTOR IN WHEEL UNIT

CODE

MRT05.0129

Rev.:

Date:



## Traction motor data

Type : BR Brushless		
Power (S2 - 60 min)	W	500
Battery voltage	V	48
Speed	Rpm	2300
Frequency	Hz	76
Torque	Nm	2
Enclosure	IP	65
PMAC motor type	BD 090 - 50 - 4	

## Traction gear data

Gear ratio	i	1:21
Max accel. and braking torque	Nm	180
Nominal wheel torque	Nm	37
Max load on poliurethan wheel	Kg	550
Max load on solid rubber wheel	Kg	
Brake torque	Nm	5
Lubrication		Grease

## Steering gearmotor data

Type : BR Brushless		
Power (S2 - 60 min)	W	300
Battery voltage	V	48
Motor Speed	Rpm	2800
Frequency	Hz	93
Motor torque	Nm	1
Gear ratio	i	1:45.56
Gear output torque	Nm	34
Enclosure	IP	65
Lubrication		Grease
PMAC motor type	BD 090 - 25 - 4	

Total Weight Kg 42

Data : 05/02/2025	Scala : 1 : 4	A3
Date :	Scale :	