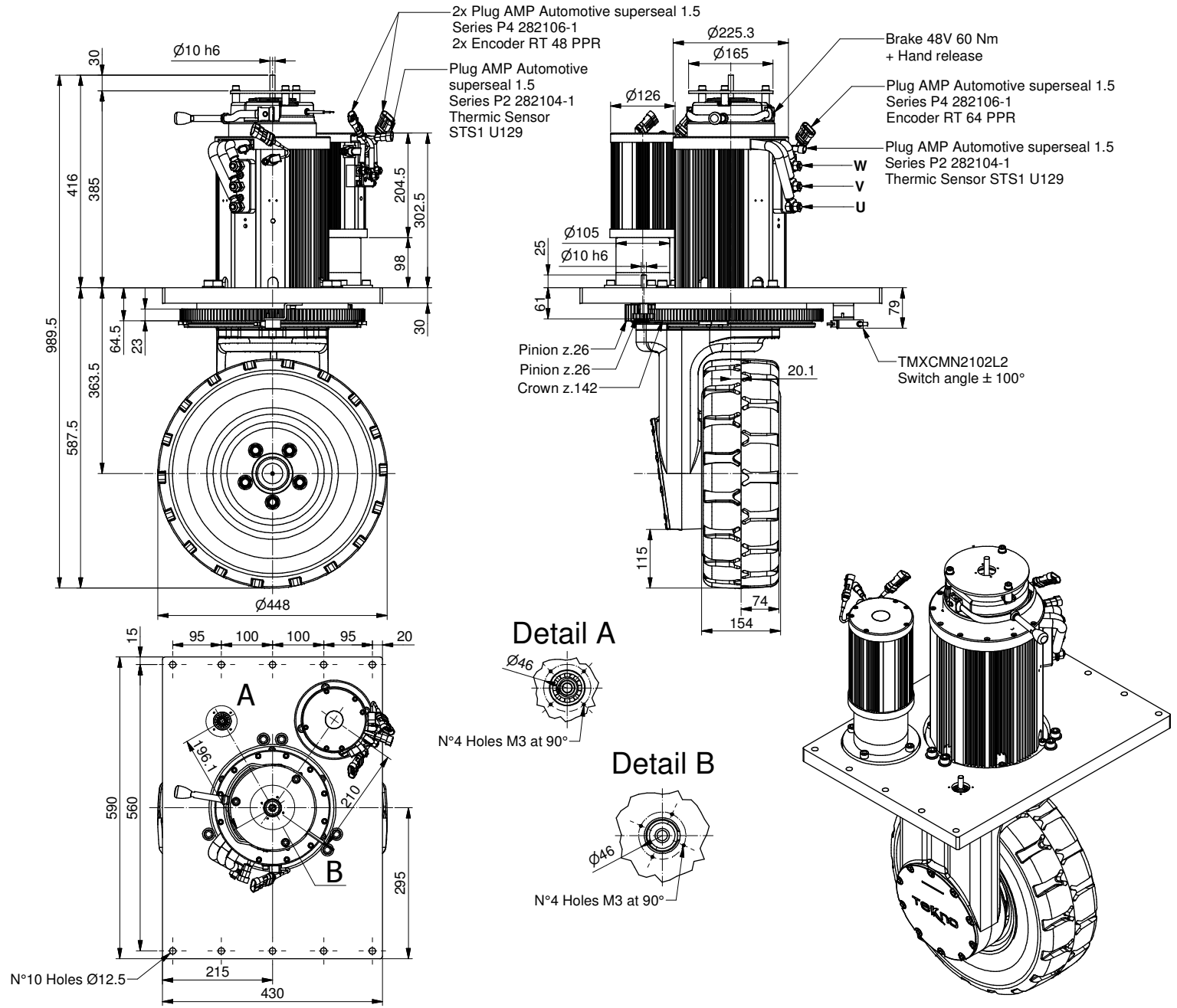
C.F.R. srl Modena - Italy	AC MOTOR IN WHEEL UNIT	CODE MRT100.A0101	Rev.: / Date:



Traction motor data		
Type : AC Asynchronous		
Power (S2 - 60 min)	W	6000
Motor voltage (~3)	V	27
Battery voltage	V	48
Speed	Rpm	2000
Frequency	Hz	68
Current	A	135
Torque	Nm	28.7
Enclosure	IP	44
AC motor type	AME200 - 160 - 4	

Traction gear data		
Gear ratio	i	1:25.6
Max accel. and braking torque	Nm	1400
Nominal wheel torque	Nm	660
Max load on solid rubber wheel	Kg	1600
Brake torque	Nm	60
Lubrication		Oil

Steering gearmotor data		
Type : AC Asynchronous		
Power (S2 - 60 min)	W	800
Motor voltage (~3)	V	27
Battery voltage	V	48
Motor Speed	Rpm	3000
Frequency	Hz	100
Current	A	33
Motor torque	Nm	2.6
Gear ratio	i	1:45.56
Gear output torque	Nm	87
Enclosure	IP	44
Lubrication		Grease
AC motor type	AGE106 - 80 - 4	

Total Weight	Kg	163

Data : Date : 22/11/2018	Scala : Scale : 1:8	A3
Dis : Drawn : R.P.		