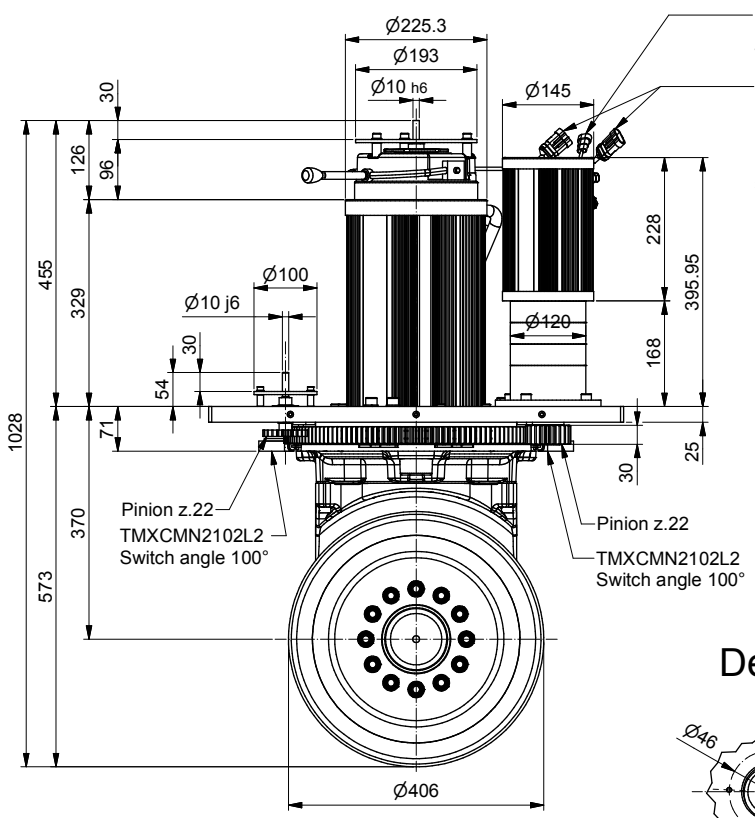
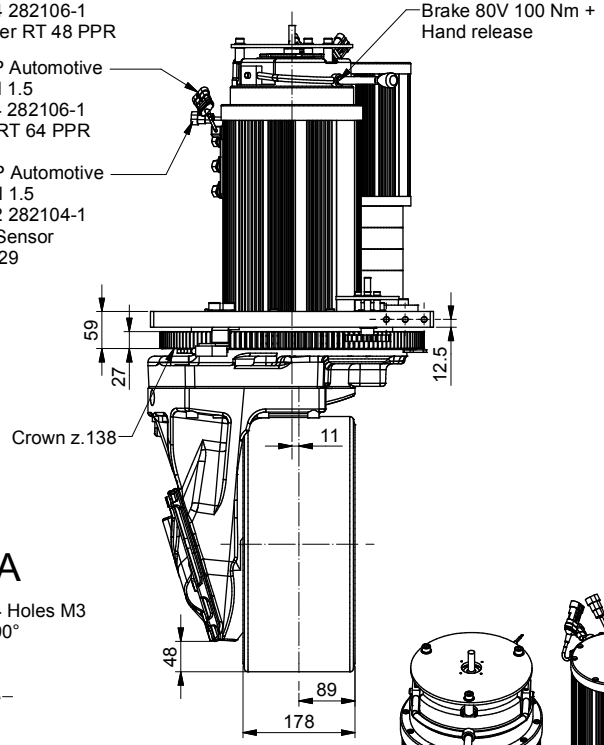
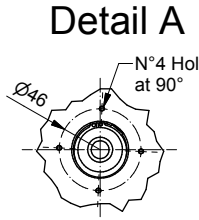
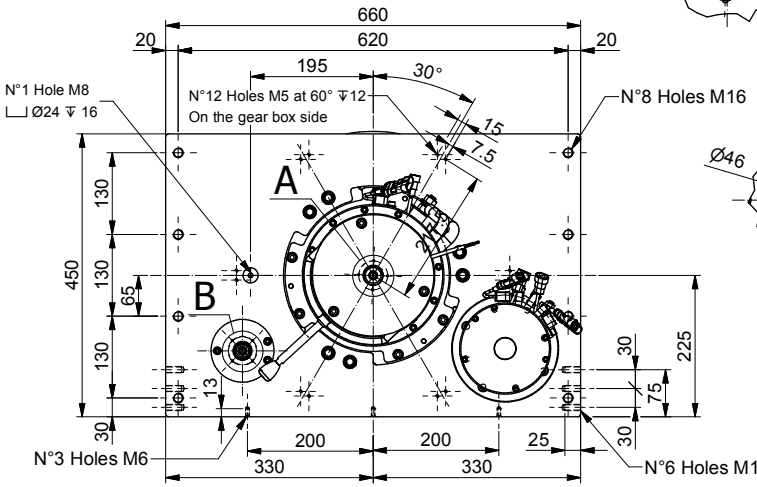
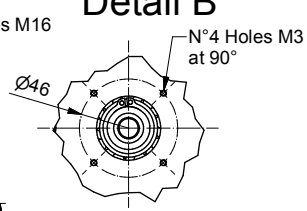
C.F.R. srl Modena - Italy	AC MOTOR IN WHEEL UNIT	CODE MRT44.A0101	Rev.: / Date:

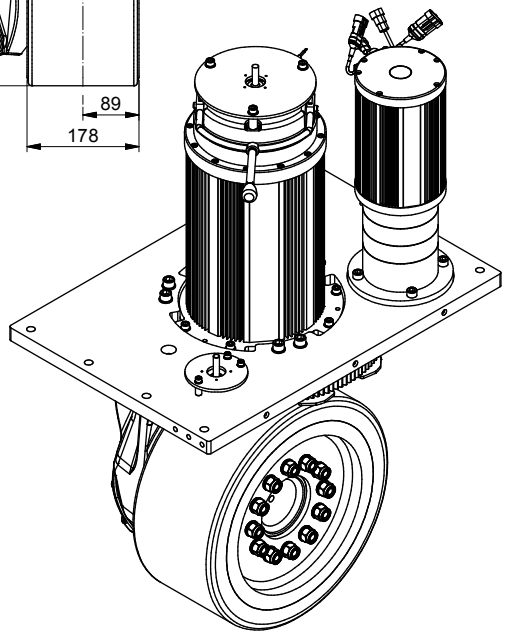












Traction motor data		
Type : AC Asynchronous		
Power (S2 - 60 min)	W	10000
Motor voltage (~3)	V	54
Battery voltage	V	80
Speed	Rpm	1800
Frequency	Hz	60
Current	A	145
Torque	Nm	53
Enclosure	IP	44
AC motor type	AME200 - 190 - 4	

Traction gear data		
Gear ratio	i	1:24.4
Max accel. and braking torque	Nm	2600
Nominal wheel torque	Nm	1165
Max load on vulkollan wheel	Kg	4300
Brake torque	Nm	100
Lubrication		Oil

Steering gearmotor data		
Type : AC Asynchronous		
Power (S2 - 60 min)	W	1400
Motor voltage (~3)	V	54
Battery voltage	V	80
Motor Speed	Rpm	3000
Frequency	Hz	100
Current	A	22
Motor torque	Nm	4.5
Gear ratio	i	1:50.89
Gear output torque	Nm	158.5
Enclosure	IP	20
Lubrication		Grease
AC motor type	AGE125 - 100 - 4	

Total Weight	Kg	285

Data : Date : 22/11/2018	Scala : Scale : 1:8.5	A3
Dis : Drawn : R.P.		