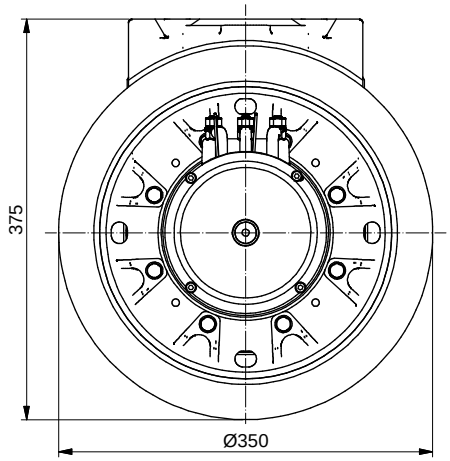
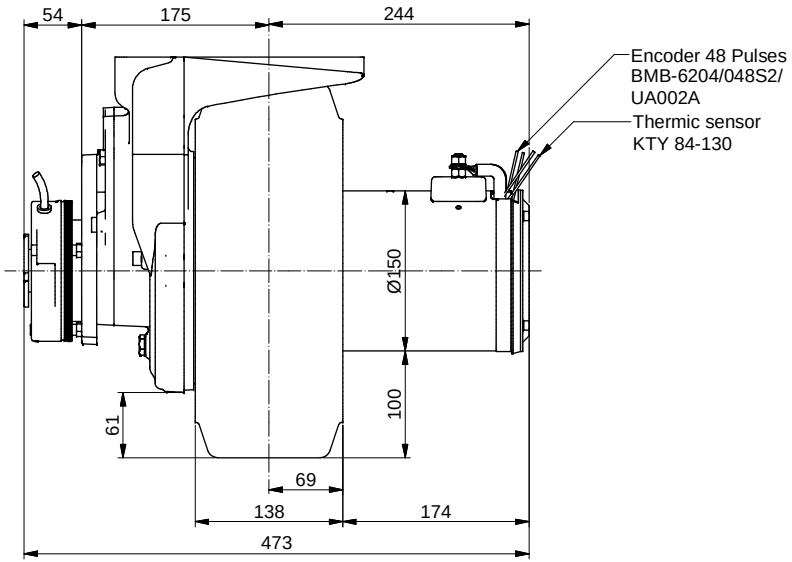
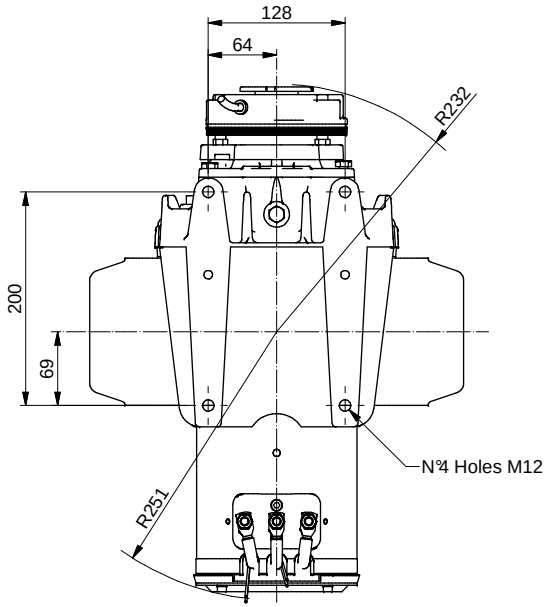
C.F.R. srl
Modena - Italy

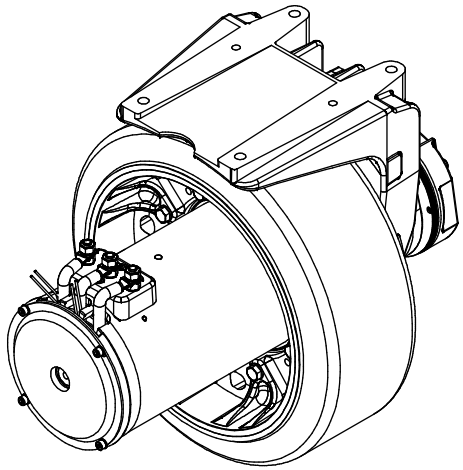
AC MOTOR IN WHEEL UNIT

CODE **MRT35.AC001**









	Available on request
A	Motors: Permanent Magnet, Series Wound, Sepex, AC Asynchronous
B	Voltages: 24V, 36V, 48V, 72V, 80V, 96V
C	Gear Ratio: 1:29.3
D	Encoders application ; Thermic Sensor
E	Forced ventilation
F	

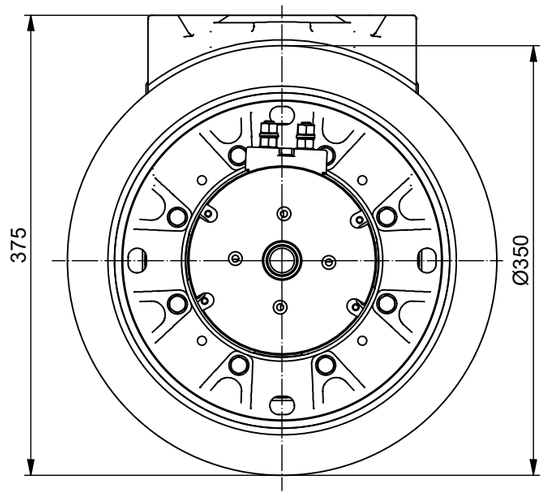
	Traction motor data		
1	Type : AC Asynchronous		
2	Power (S2 - 60 min)	W	2000
3	Motor voltage (~3)	V	27
4	Battery voltage	V	48
5	Speed	rpm	2850
6	Frequency	Hz	100
7	Current	A	60
8	Torque	Nm	6.7
9			
10			
11	Enclosure	IP	20
12	Brake torque	Nm	16
	Traction gear data		
13	Max input motor power	W	2000
14	Gear ratio	i	1:29.3
15	Max accel. and braking torque	Nm	600
16			
17	Nominal wheel torque	Nm	137
18			
19			
20			
21	Lubrication		Oil
22	Max load on vulkollan wheel	kg	1800
23	Max load on poliurethan wheel	kg	1800
24	Max load on solid rubber wheel	kg	1100
	Steering gearmotor data		
25	Type :		
26	Power (S2 - 60 min)	W	
27	Motor voltage (~3)	V	
28	Battery voltage	V	
29	Motor Speed	rpm	
30	Frequency	Hz	
31	Current	A	
32	Motor torque	Nm	
33	Enclosure	IP	
34			
35	Gear ratio	i	
36	Efficiency	η	

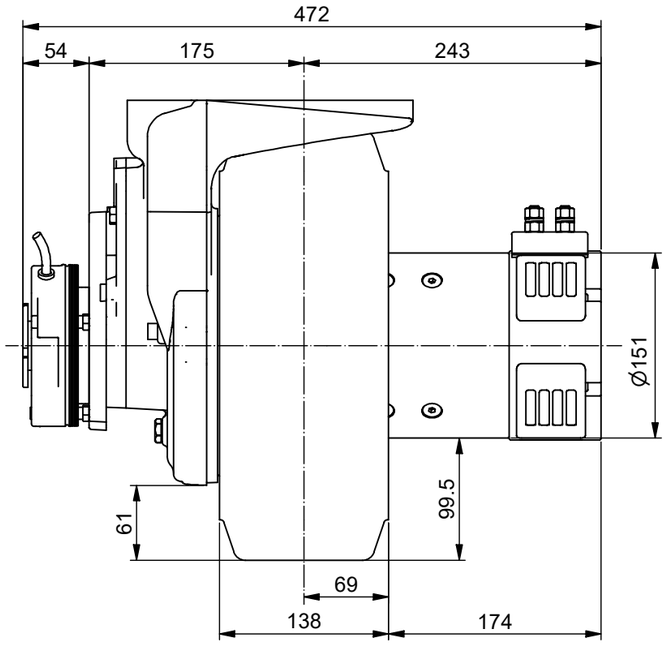
37	Total Weight	kg	90

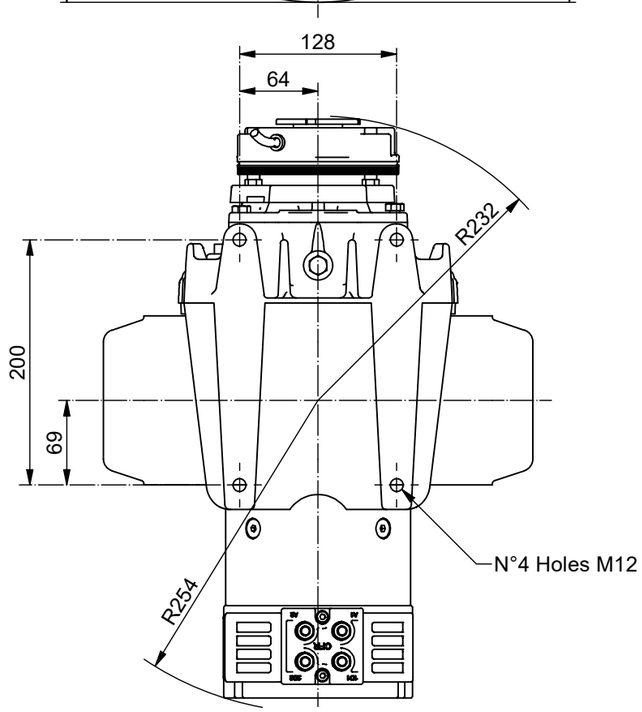
C.F.R. srl
Modena - Italy

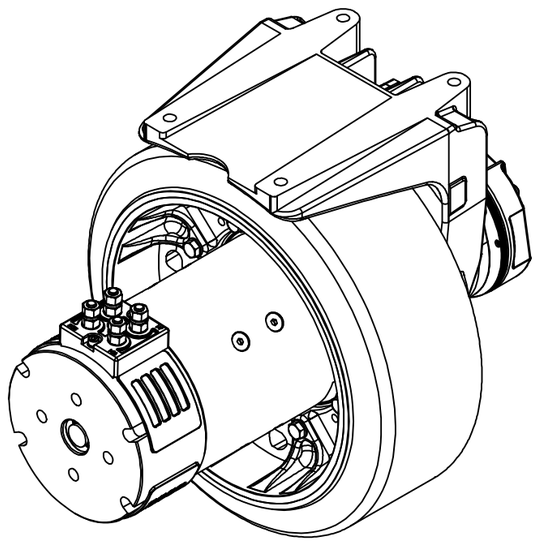
D.C. MOTOR IN WHEEL UNIT

CODE **MRT35.DC001**









	Available on request
A	Motors: Permanent Magnet, Series Wound, Sepex, AC Asynchronous
B	Voltages: 24V, 36V, 48V, 72V, 80V, 96V
C	Gear Ratio: 1:29.3
D	Encoders application ; Thermic Sensor
E	Forced ventilation
F	

	Traction motor data		
1	Type : D.C. Series Wound		
2	Power (S2 - 60 min)	W	2000
3	Motor voltage	V	36
4			
5	Speed	rpm	2800
6			
7	Current	A	79
8	Torque	Nm	6.8
9			
10			
11	Enclosure	IP	20
12	Brake torque	Nm	16
	Traction gear data		
13	Max input motor power	W	2000
14	Gear ratio	i	1:29.3
15	Max accel. and braking torque	Nm	600
16			
17	Nominal wheel torque	Nm	140
18			
19			
20			
21	Lubrication		Oil
22	Max load on vulkollan wheel	kg	1800
23	Max load on polyurethan wheel	kg	1800
24	Max load on solid rubber wheel	kg	1100
	Steering gear motor data		
25	Type :		
26	Power (S2 - 60 min)	W	
27	Motor voltage	V	
28			
29	Motor Speed	rpm	
30			
31	Current	A	
32	Motor torque	Nm	
33	Enclosure	IP	
34			
35	Gear ratio	i	
36	Efficiency	η	

37	Total Weight	kg	86