

## 8Fun



**BBS-01**

Weight	3.8–4.3 kg
Voltage	36 / 48 V
Rated power	250 / 750 W
Peak	400 / 960 W
Torque (NT–PT)	60–100 Nm
Sensor	I, T
Motor controller	I
	Center Motor



**PS26**

Weight	0.22 kg
Voltage	5 V
Rated power	1.2–4 W
	Hub Motor



**SWXH2-R**

Weight	3.2 kg
Voltage	24 / 36 V
Rated Power	180–250 W
Peak	400 W
Torque	13.5 Nm
Sensor	s / T
Motor Controller	I
	Hub Motor



**CST**

Weight	4.3 kg
Voltage	36 / 48 V
Rated Power	250–500 W
Peak	500–750 W
Torque	28 Nm
Sensor	s / T
Motor Controller	I
	Hub Motor

## Alber



**NEODRIVES**

Weight	4,36 kg
Measurements	135 mm, Ø 220 mm
Voltage	36 V
Rated Power	250 W
Peak	700 W
Torque	12 Nm
Sensor	I, S, T
Motor Controller	I
	Hub Motor

## Ananda



**M 108**

Weight	<2 kg
Measurements	100 mm
Voltage	36 V
Rated Power	180 W
Peak	300 W
Torque	7 Nm
Sensor	s / T
Motor Controller	I
	Customizable



**M 125**

Weight	< 3.9 kg
Measurements	88 mm, Ø 125 mm
Voltage	36 / 48 V
Rated Power	250 W
Peak	500 W
Torque	30 Nm
Sensor	s / T
Motor Controller	I
	Customizable

## Ananda



**M 180**

Weight	< 4.8 kg
Measurements	135 mm
Voltage	36 / 48 V
Rated Power	250 W
Peak	500 W
Torque	9 Nm
Sensor	s / T
Motor Controller	I
	Customizable



**M 130**

Weight	< 2.9 kg
Measurements	100 / 135 mm
Voltage	36 V
Rated Power	250 W
Peak	400 W
Torque	9 Nm
Sensor	s / T
Motor Controller	I
	Customizable

## Ansmann



**TYP A**

Weight	2.5 kg
Measurements	100 mm, Ø 112 mm
Voltage	36 V
Rated Power	250 W
Torque	27 Nm
Sensor	P
Motor Controller	NI
	Front Motor

### TYP A DUO SENSORIC

Weight	2.5 kg
Measurements	100 mm, Ø 112 mm
Voltage	36 V
Rated Power	250 W
Torque	27 Nm
Sensor	T
Motor Controller	NI
	Front Motor

## Ansmann



**TYP C**

Weight	5.3 kg
Measurements	135 mm, Ø 360 mm
Voltage	36 V
Rated Power	250 W
Peak	900 W
Torque	42 Nm
Sensor	I, T
Motor Controller	I
	Hub Motor (rear)

## Bewo



**BWA-F-A**

Weight	4.5 kg
Voltage	36 V
Rated Power	250 W
Peak	350 W
Torque	30 Nm
Sensor	s
Motor Controller	I
	Center Motor

## BionX



**D-SERIES**

Weight	4.0 kg
Measurements	Ø 360 mm
Voltage	48 V
Rated Power	250 W
Peak	600 W
Torque (NT–PT)	25–50 Nm
Sensor	I, T
Motor Controller	I
	Hub Motor (rear)

## BionX



### P-SERIES

Weight	4.7 kg
Measurements	Ø 221.5 mm
Voltage	48 V
Rated Power	250 W
Peak	600 W
Torque (NT-PT)	9-40 Nm
Sensor	I, T
Motor Controller	I
Hub Motor (rear)	



### IGH<sup>3</sup>

Weight	5.6 kg
Measurements	Ø 224 mm
Voltage	48 V
Rated Power	250 W
Peak	600 W
Torque (NT-PT)	9-50 Nm
Sensor	FAG BB
Motor Controller	I
Hub Motor (rear)	

## BOSCH



### ACTIVE LINE

Weight	< 4 kg
Voltage	36 V
Rated Power	250 W
Torque (PT)	48 Nm
Sensor	I, T, S, PRM
Motor Controller	I
Center Motor	



### PERFORMANCE LINE

Weight	< 4 kg
Voltage	36 V
Rated Power	250 W
Torque (PT)	60 Nm
Sensor	I, T, S, PRM
Motor Controller	I
Center Motor	

## brose



### BROSE MOTOR

Weight	3.4 kg
Measurements	205 × 115 × 130 mm
Voltage	36 V
Rated Power	250 W
Peak	500 W
Torque (NT-PT)	50-90 Nm
Sensor	I
Motor Controller	I
Center Motor	

## EGO Kits



### EASY POWER

Weight	5.5 kg
Voltage	48 / 54 V
Rated Power	1200 / 1700 W
Peak	2400 / 3400 W
Torque (NT-PT)	120-200 Nm
Sensor	I
Motor Controller	I
Center Motor	

## ETM



### ETM 500 HT-POWER

Weight	4.7 kg
Measurements	Ø 142 mm
Voltage	48 V
Rated Power	500 W
Peak	840 W
Torque	35 Nm
Sensor	NI
Motor Controller	NI
Hub Motor	

## ETM



### ETM 500-STANDARD

Weight	4.3 kg
Measurements	Ø 145 mm
Voltage	48 V
Rated Power	500 W
Peak	650 W
Torque	25 Nm
Sensor	NI
Motor Controller	NI
Hub Motor	

## Falco E Motors



### HX-250

Weight	7 kg
Measurements	Ø 235 mm
Voltage	36 V
Rated Power	250 W
Peak	500 W
Torque	35 Nm
Sensor	I
Motor Controller	I
Hub Motor	

### HX-350

Weight	7 kg
Measurements	Ø 235 mm
Voltage	36 V
Rated Power	350 W
Peak	500 W
Torque	40 Nm
Sensor	I
Motor Controller	I
Hub Motor	

### HX-500

Weight	7 kg
Measurements	Ø 235 mm
Voltage	36 V
Rated Power	500 W
Peak	600 W
Torque	45 Nm
Sensor	I
Motor Controller	I
Hub Motor	

### HX-750

Weight	8.5-11 kg
Measurements	Ø 235 mm
Voltage	36/48 V
Rated Power	750 W
Peak	1000 W
Torque (NT-PT)	60-80 Nm
Sensor	I
Motor Controller	I
Hub Motor	

## Falco E Motors

### HX-1000

Weight	12.5 kg
Measurements	Ø 235 mm
Voltage	48 V
Rated Power	1000 W
Peak	1300 W
Torque	< 80 Nm
Sensor	I
Motor Controller	I
Hub Motor	

## GO SwissDrive



### STANDARD MOTOR

Weight	5.3 kg
Measurements	142 mm, Ø 206 mm
Voltage	36 V
Rated Power	250 W
Peak	900 W
Torque (NT-PT)	12-40 Nm
Sensor	I, T
Motor Controller	I
Hub Motor	

### POWER MOTOR

Weight	5.6 kg
Measurements	142 mm, Ø 206 mm
Voltage	36 V
Rated Power	500 W
Peak	1050 W
Torque (NT-PT)	14-45 Nm
Sensor	I, T
Motor Controller	I
Hub Motor	

### CRUISE MOTOR

Weight	4.7 kg
Measurements	142 mm, Ø 206 mm
Voltage	36 V
Rated Power	250 W
Peak	720 W
Torque (NT-PT)	11-37 Nm
Sensor	I, T
Motor Controller	I
Hub Motor	

## Greentrans



**MCC-3625**

Weight	<4 kg
Measurements	205 × 152 × 104 mm
Voltage	36V/48V
Rated Power	250 W
Peak	500 W
Torque (PT)	70 Nm
Sensor	T / RPM
Motor Controller	D
	Central Motor



**MDC-3625**

Weight	<5 kg
Measurements	Ø 224 mm
Voltage	36V/48V
Rated Power	250 W
Peak	500 W
Torque (PT)	40 Nm
Sensor	T / RPM
Motor Controller	D
	Hub Motor (rear)

## Heinzmann



**DIRECT POWER PRA 180-25**

Weight	4.5 kg
Measurements	100 mm, Ø 220 mm
Voltage	36 V
Rated Power	250 W
Torque	11.4 Nm
Sensor	NI
Motor Controller	NI
	Hub Motor

**DIRECT POWER PRA 180-30**

Weight	5.2 kg
Measurements	136 mm, Ø 221 mm
Voltage	36 V
Rated Power	500 W
Torque	22.7 Nm
Sensor	NI
Motor Controller	NI
	Hub Motor

## Höganäs AB



**HÖGANÄS ECLINO**

Weight	5 kg
Measurements	157 mm, Ø 162 mm
Voltage	36/48 V
Rated Power	250 – 500 W
Peak	350 – 700 W
Torque (NT–PT)	19 – 46 Nm
Sensor	T
Motor Controller	IB
	Hub motor (rear)

## keyde



**BWAFA**

Weight	1.6 kg
Measurements	Ø 98mm, 100 mm
Voltage	24V/33V/36V
Rated Power	250 W
Peak	500 W
Torque	35 Nm
Sensor	s
Motor controller	NI
	Front Motor

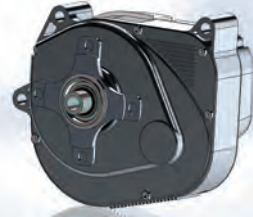
## MPF Drive



**MPF DRIVE MOTOR**

Weight	4.8 kg
Measurements	225 × 105 × 150 mm
Voltage	36 V
Rated Power	250 – 350 W
Peak	500 – 650 W
Torque (NT–PT)	40 – 50 Nm
Sensor	I, T, C, S
Motor Controller	I
	Center Motor

## NidecCopal



**48V MID MOTOR**

Weight	3 kg
Voltage	48 V
Rated Power	250 W
Sensor	I
Motor Controller	I
	Center Motor

## Panasonic



**36 V MOTOR**

Weight	3.8 kg
Measurements	200 × 99 × 130 mm
Voltage	36 V
Rated Power	250/350 W
Peak	400 W
Torque (NT–PT)	45 – 75 Nm
Sensor	T (I), S (NI), C (I)
Motor Controller	I
	Center Motor

## pengte



**P198-02**

Weight	5.7 – 6.2 kg
Measurements	135 mm, Ø 243 mm
Voltage	24 V/36 V/48 V
Rated Power	350 – 600 W
Peak	600 – 900 W
Torque (NT–PT)	35 – 60 Nm
Sensor	T, S
Motor Controller	I
	Hub Motor

## RESSEL



**COAXONE**

Weight	4.0 kg
Measurements	114 mm, Ø 140 mm
Voltage	24 – 60 V
Rated Power	250 – 450 W
Peak	> 800 W
Torque	60 Nm
Sensor	I
Motor Controller	I
	Center Motor

## ropa



**ROPA EVOLUTION**

Weight	4 – 5 kg
Measurements	108 mm, Ø 208 mm
Voltage	48 V
Rated Power	250 – 4.000 W
Peak	6.000 W
Torque	90 Nm
Sensor	I, T, S, C, RPM
Motor Controller	I
	Center Motor

## Sempu



**MOTOR**

Weight	2.3 kg
Measurements	125 mm
Voltage	36 V
Rated Power	250 W
Peak	350 W
Torque	40 Nm
Sensor	BBT
Motor Controller	I
	Hub Motor



## SHENGYI



**CMT01**

Weight	4.6 kg
Measurements	208 × 152 × 99 mm
Voltage	36 V
Rated Power	350 W
Peak	500 W
Torque	90 Nm
Sensor	T
Motor Controller	I
Center Motor	

## Shimano



**STEPS**

Weight	3.1 kg
Measurements	125 mm
Voltage	36 V
Rated Power	250 W
Peak	500 W
Torque (PT)	50 Nm
Sensor	I, T, C, S
Motor Controller	I
Center Motor	

## SUNSTAR



**S03+**

Weight	3.2 kg
Measurements	105 mm
Voltage	24 V/36 V
Rated Power	250 W
Torque	44 Nm
Sensor	I, T, C, S(NI)
Center Motor	



**VIRTUS**

Weight	3.2 kg
Measurements	105 mm
Voltage	36 V
Rated Power	250 W
Torque	50 Nm
Sensor	I, T, C, S(NI)
Center Motor	

## Tongsheng

**TSDZ2**

Weight	3.4 kg
Measurements	150 × 202 × 176 mm
Voltage	36 V/24 V
Rated Power	200 W
Peak	350 W
Torque	50 Nm
Sensor	T
Motor Controller	I
Center Motor	

## TQ Systems



**PIN120**

Weight	4.6 kg
Measurements	144 mm
Voltage	48 V
Rated Power	250 – 500 W
Peak	850 W
Torque (PT)	120 Nm
Sensor	T, S
Motor Controller	I
Center Motor	

## TranzX



**M25T**

Weight	3.9 kg
Measurements	115 mm, Ø 132 mm
Voltage	36 V
Rated Power	250 W
Peak	350 W
Torque (NT-PT)	35–50 Nm
Sensor	I, T, S, C
Motor Controller	NI
Center Motor	

## TranzX



**M07**

Weight	4.24 kg
Measurements	241 × 128 × 91 mm
Voltage	36 V
Rated Power	250 W
Peak	425 W
Torque (NT-PT)	23 – 63 Nm
Sensor	I, T, S, C
Motor Controller	I
Center Motor	

## TranzX



**M01**

Weight	3.03 kg
Measurements	89 mm, Ø 130 mm
Voltage	36 V
Rated Power	250 W
Peak	320 W
Torque (NT-PT)	14.5 – 40 Nm
Sensor	S
Motor Controller	NI
Hub Motor (front)	



**M19**

Weight	4.95 kg
Measurements	137 mm, Ø 138 mm
Voltage	36 V/48 V
Rated Power	250 W/350 W
Peak	355 W/540 W
Torque (NT-PT)	13.5 – 48 Nm
Sensor	S
Motor Controller	I
Hub Motor (rear)	

## vivax assist



**VIVAX ASSIST 4.0**

Weight	0.73 kg
Measurements	220 mm
Voltage	30 V
Rated Power	200 W
Peak	200 W
Torque	12.5 Nm
Sensor	NI
Motor Controller	I
Center Motor (Seat Tube)	

## Xiong Da



**DOUBLE SPEED**

Weight	3.2 kg
Measurements	132 mm
Voltage	24 V/36 V/48 V
Rated Power	250 W
Peak	350 W
Torque (NT-PT)	15 – 65 Nm
Sensor	I
Motor Controller	I
Hub Motor (rear)	



**ROLLER BRAKE**

Weight	2.3 kg
Measurements	128 mm
Voltage	24 V/36 V/48 V
Rated Power	250 W
Peak	250 W
Torque	15 Nm
Sensor	S
Motor Controller	I
Hub Motor (rear)	

## Yamaha



**PW DRIVE UNIT**

Weight	3.5 kg
Voltage	36 V
Rated Power	250 W
Torque (NT-PT)	70 – 80 Nm
Sensor	T, S, C
Motor Controller	I
Center Motor	

## Glossary

C	Crank sensor	NT	Nominal Torque
S	Speed sensor	PT	Peak Torque
T	Torque sensor		
P	Pedelec sensor	I	integrated
		IB	integrated with battery
BB	Bottom bracket sensor	NI	not integrated
RPM	RPM sensor	D	digital