



EV & Forklift Parts

## DC Motor List

Manufactured by BL (Changzhou Baoluo Motor Co., Ltd.)

Application: golf cart, passenger cart, tourist cart, cleaning cart

Model	Power Rate (kW)	Voltage	Current (A)	Speed (rpm)	Torque (N.m)	Exciting Mode	Separately Exciting Current (A)	Ingress Protection	Spline	Flange (mm)
XQ-3-6A	3	48	76	2800	10.23	Series		IP44	18 teeth, inner	140, square
XQ-3-6TA	3	48	74	2800	10.23	SepEx	7	IP42	18 teeth, inner	140, square
XQ-3-7GA	3	48	76	2800	10.23	Series		IP44	19 teeth, inner	148.4, small round
XQ-3-7GAT	3	48	74	2800	10.23	SepEx	7	IP42	19 teeth, inner	148.4, small round
XQ-3-7DA	3	48	76	2800	10.23	Series		IP44	19 teeth, inner	166, big round
XQ-3-24DA	3	48	76	2800	10.23	Series		IP44	24 teeth, inner	166, big round
XQ-4.2-2A1	4.2	48	102	2800	14.33	Series		IP44	18 teeth, inner	140, square
XQ-4.2-2AT	4.2	48	102	2800	14.33	SepEx	8.5	IP44	18 teeth, inner	140, square
XQ-4.2-3GA	4.2	48	102	2800	14.33	Series		IP44	19 teeth, inner	148.4, small round
XQ-4.2-3GAT	4.2	48	102	2800	14.33	SepEx	7	IP44	19 teeth, inner	148.4, small round
XQ-4.2-3DA	4.2	48	102	2800	14.33	Series		IP44	19 teeth, inner	166, big round
XQ-4.2-3DAT	4.2	48	102	2800	14.33	SepEx	7	IP44	19 teeth, inner	166, big round
XQ-4.2-2BA	4.2	72	65	3000	13.37	Series		IP44	18 teeth, inner	140, square
XQ-4.2-24DA1	4.2	48	102	1700	23.59	Series		IP44	24 teeth, inner	166, big round
XQ-4.2-24DA	4.2	48	102	2800	14.33	Series		IP44	24 teeth, inner	166, big round
XQ-4.2-2Y	4.2	72	65	2600	15.43	Series		IP44	18 teeth, inner	140, square
XQ-4.2-19GA	4.2	72	65	2800	14.33	Series		IP44	19 teeth, inner	148.4, small round
XQ-4.2-19DA	4.2	72	65	2800	14.33	Series		IP44	19 teeth, inner	166, big round
XQ-5-19A	5	48	125	2800	17.05	Series		IP20	19 teeth, inner	166, big round
XQ-5-20	5	48	125	2800	17.05	Series		IP20	18 teeth, inner	140, square
XQ-5-19DA	5	72	96	2500	19.10	Series		IP44	19 teeth, inner	166, big round
XQ-5.5-24DA1	5.5	48	136	2500	21.01	Series		IP44	24 teeth, inner	166, big round
XQ-5.5Y	5.5	72	96	2500	21.01	Series		IP44	18 teeth, inner	140, square
XQ-5.5YT	5.5	72	96	2500	21.01	SepEx	5	IP44	18 teeth, inner	140, square
XQ-5.5-19DA	5.5	72	96	2500	21.01	Series		IP44	19 teeth, inner	166, big round
XQ-5.5-24DA	5.5	72	96	2500	21.01	Series		IP44	24 teeth, inner	166, big round
XQ-6.3BA	6.3	72	102	2500	24.07	Series		IP44	18 teeth, inner	140, square
XQ-6.3BAT	6.3	72	102	2500	24.07	SepEx	10	IP44	18 teeth, inner	140, square
XQ-6.3-19XGA1	6.3	72	105	2000	30.08	Series		IP44	18 teeth, inner	148.4, small round
XQ-6.3-19DGA1	6.3	72	105	2000	30.08	Series		IP44	19 teeth, inner	166, big round
XQ-6.3-19DGA	6.3	72	102	2500	24.07	Series		IP44	19 teeth, inner	166, big round
XQ-6.3-24DA	6.3	72	102	2500	24.07	Series		IP44	24 teeth, inner	166, big round

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### Application: electric forklift

Model	Power Rate (kW)	Voltage	Current (A)	Speed (rpm)	Torque (N.m)	Exciting Mode	Duty (min.)	Ingress Protection
XQ-5	5	45	139	1480	32.26	Series	60	IP21
XQ-6.3	6.3	45	172.8	2000	30.08	Compound	15	IP44
XQD-0.75-3	0.75	45	25	1550	4.62	Compound	30	IP21
XQ-6.3-2	6.3	45	173	1200	50.14	Series	60	IP21
XQ-8	8	45	222	1500	50.9	Series	60	IP21
XQD-8.6SW	8.6	45	235	1550	52.99	Series	15	IP21
XQD-0.8-1	0.8	45	25	1550	4.93	Compound	60	IP44
XQ-10-1	10	75	160	1200	79.58	Series	60	IP21
XQD-12	12	75	193	2000	57.3	Compound	15	IP21
XQD-1.35	1.35	75	25	1500	8.60	Compound	30	IP44

### Application: rail truck

Model	Power Rate (kW)	Voltage	Current (A)	Speed (rpm)	Torque (N.m)	Exciting Mode	Duty (min.)	Ingress Protection
XQ-1.2-2A	1.2	24	68	1900	6.03	Series	60	IP44
XQ-1.5-3KS	1.5	36	70	1250	11.46	Series	60	IP44
XQ-2.2-1A	2.2	22	136	1600	13.13	Series	60	IP44
XQ-3-3KS	3	40/45	97/90	1500/1800	16	Series	60	IP44
XQ-4.5-1KS	4.5	45	125	1800	23.86	Series	60	IP44
XQ-5KS	5	45	139	1480	32.26	Series	60	IP21
XQ-6.3-2KS	6.3	45	173	1200	50.14	Series	60	IP21
XQ-8-3	8	72	135	1500	50.9	Series	60	IP21

### Application: rail truck

Model	Power Rate (kW)	Voltage	Current (A)	Speed (rpm)	Torque (N.m)	Exciting Mode	Duty (min.)	Ingress Protection
XQB-4.5	4.5	45	118	1800	23.86	Series	60	IP54
XQB-7.5	7.5	45	202	1650	43.41	Series	60	IP54

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## Order Form

<b>Power Rate</b>	<input type="checkbox"/> 0.55kW <input type="checkbox"/> 0.75kW <input type="checkbox"/> 0.8kW <input type="checkbox"/> 1.2kW <input type="checkbox"/> 1.5kW <input type="checkbox"/> 2.2kW <input type="checkbox"/> 3kW <input type="checkbox"/> 4.5kW <input type="checkbox"/> 5kW <input type="checkbox"/> 6.3kW <input type="checkbox"/> 7.5kW <input type="checkbox"/> 8kW <input type="checkbox"/> 8.6kW <input type="checkbox"/> 10kW <input type="checkbox"/> 12kW <input type="checkbox"/> 13.5kW <input type="checkbox"/> 15kW <input type="checkbox"/> other _____
<b>Rated Voltage</b>	<input type="checkbox"/> 24V <input type="checkbox"/> 36V <input type="checkbox"/> 48V <input type="checkbox"/> 60V <input type="checkbox"/> 72V <input type="checkbox"/> other _____
<b>Rated Speed</b>	<input type="checkbox"/> 1100 rpm <input type="checkbox"/> 1200 rpm <input type="checkbox"/> 1300 rpm <input type="checkbox"/> 1450 rpm <input type="checkbox"/> 1500 rpm <input type="checkbox"/> 1600 rpm <input type="checkbox"/> 1700 rpm <input type="checkbox"/> 1800 rpm <input type="checkbox"/> 1900 rpm <input type="checkbox"/> 2000 rpm <input type="checkbox"/> 2100 rpm <input type="checkbox"/> 2200 rpm <input type="checkbox"/> 2400 rpm <input type="checkbox"/> 2500 rpm <input type="checkbox"/> 2800 rpm <input type="checkbox"/> 3000 rpm <input type="checkbox"/> 3200 rpm <input type="checkbox"/> 3350 rpm <input type="checkbox"/> 3600 rpm <input type="checkbox"/> 4000 rpm <input type="checkbox"/> other _____
<b>Exciting Mode</b>	<input type="checkbox"/> Series <input type="checkbox"/> SepEx <input type="checkbox"/> Compound
<b>Duty</b>	<input type="checkbox"/> 5 min <input type="checkbox"/> 15 min <input type="checkbox"/> 30 min <input type="checkbox"/> 60 min
<b>Flange</b>	<input type="checkbox"/> round <input type="checkbox"/> square
<b>Shaft</b>	<input type="checkbox"/> cylinder <input type="checkbox"/> cone <input type="checkbox"/> inner spline <input type="checkbox"/> external spline
<b>Construction</b>	<input type="checkbox"/> with mounting feet <input type="checkbox"/> without mounting feet
<b>Speed Sensor</b>	<input type="checkbox"/> 4-pulse <input type="checkbox"/> 8-pulse
<b>Brake</b>	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Brake Voltage</b>	<input type="checkbox"/> 24V <input type="checkbox"/> 48V <input type="checkbox"/> 72V <input type="checkbox"/> other _____
<b>Connection</b>	<input type="checkbox"/> terminal <input type="checkbox"/> cable

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