

# Short catalogue of BLDCP series

## Motors of BLDCP series with outer diameter 25 mm

### Motors with outer diameter 25 mm and nominal rotation speed 3000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP25-6-5-3	25	6	5	3000	15.9	1.79	9.32	62.9	44
BLDCP25-6-6-3	25	6	6	3000	19.1	2.08	9.62	65.1	45
BLDCP25-6-7-3	25	6	7	3000	22.3	2.36	9.90	65.0	49
BLDCP25-6-8-3	25	6	8	3000	25.5	2.46	10.84	64.0	55
BLDCP25-12-5-3	25	12	5	3000	15.9	0.78	21.50	64.4	42
BLDCP25-12-6-3	25	12	6	3000	19.1	0.91	21.98	66.0	43
BLDCP25-12-7-3	25	12	7	3000	22.3	1.08	21.58	64.6	50
BLDCP25-12-8-3	25	12	8	3000	25.5	1.23	21.68	64.0	55
BLDCP25-18-5-3	25	18	5	3000	15.9	0.58	28.73	63.6	43
BLDCP25-18-6-3	25	18	6	3000	19.1	0.68	29.28	64.9	45
BLDCP25-18-7-3	25	18	7	3000	22.3	0.81	28.84	63.7	52
BLDCP25-18-8-3	25	18	8	3000	25.5	0.90	29.73	66.3	50
BLDCP25-24-5-3	25	24	5	3000	15.9	0.38	43.51	65.4	40
BLDCP25-24-6-3	25	24	6	3000	19.1	0.46	43.86	64.4	46
BLDCP25-24-7-3	25	24	7	3000	22.3	0.53	43.86	65.8	47
BLDCP25-24-8-3	25	24	8	3000	25.5	0.61	44.07	65.3	52

## Motors of BLDCP series with outer diameter 25 mm

## Motors with outer diameter 25 mm and nominal rotation speed 6000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP25-12-10-6	25	12	10	6000	15.9	1.36	12.29	73.2	51
BLDCP25-12-12-6	25	12	12	6000	19.1	1.60	12.54	74.5	54
BLDCP25-12-14-6	25	12	14	6000	22.3	1.88	12.44	74.6	58
BLDCP25-12-16-6	25	12	16	6000	25.5	2.09	12.75	74.5	62
BLDCP25-18-10-6	25	18	10	6000	15.9	0.97	17.13	73.4	51
BLDCP25-18-12-6	25	18	12	6000	19.1	1.17	17.08	74.4	54
BLDCP25-18-14-6	25	18	14	6000	22.3	1.37	16.98	74.4	58
BLDCP25-18-16-6	25	18	16	6000	25.5	1.51	17.72	74.7	62
BLDCP25-24-10-6	25	24	10	6000	15.9	0.65	25.64	72.9	52
BLDCP25-24-12-6	25	24	12	6000	19.1	0.76	26.24	74.0	55
BLDCP25-24-14-6	25	24	14	6000	22.3	0.89	26.19	73.9	60
BLDCP25-24-16-6	25	24	16	6000	25.5	1.01	26.48	73.7	65
BLDCP25-36-10-6	25	36	10	6000	15.9	0.49	34.29	73.7	50
BLDCP25-36-12-6	25	36	12	6000	19.1	0.59	34.19	74.6	53
BLDCP25-36-14-6	25	36	14	6000	22.3	0.69	33.91	74.3	59
BLDCP25-36-16-6	25	36	16	6000	25.5	0.75	35.41	74.6	62

## Motors of BLDCP series with outer diameter 25 mm

## Motors with outer diameter 25 mm and nominal rotation speed 6000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP25-12-18-6F	25	12	18	6000	28.6	2.92	10.26	68.1	52
BLDCP25-12-20-6F	25	12	20	6000	31.8	3.20	10.43	69.3	48
BLDCP25-12-22-6F	25	12	22	6000	35.0	3.50	10.48	71.8	44
BLDCP25-12-26-6F	25	12	26	6000	41.4	4.15	10.44	70.6	50
BLDCP25-18-18-6F	25	18	18	6000	28.6	1.91	15.74	68.6	50
BLDCP25-18-20-6F	25	18	20	6000	31.8	2.08	16.01	68.7	50
BLDCP25-18-22-6F	25	18	22	6000	35.0	2.21	16.57	70.2	47
BLDCP25-18-26-6F	25	18	26	6000	41.4	2.66	16.30	70.7	50
BLDCP25-24-18-6F	25	24	18	6000	28.6	1.46	20.52	66.5	55
BLDCP25-24-20-6F	25	24	20	6000	31.8	1.56	21.41	69.9	47
BLDCP25-24-22-6F	25	24	22	6000	35.0	1.65	22.17	71.6	43
BLDCP25-24-26-6F	25	24	26	6000	41.4	2.00	21.68	69.5	53
BLDCP25-36-18-6F	25	36	18	6000	28.6	0.91	33.00	67.2	54
BLDCP25-36-20-6F	25	36	20	6000	31.8	0.98	33.98	68.1	51
BLDCP25-36-22-6F	25	36	22	6000	35.0	1.05	34.79	71.1	44
BLDCP25-36-26-6F	25	36	26	6000	41.4	1.26	34.33	69.6	52

## Motors of BLDCP series with outer diameter 25 mm

## Motors with outer diameter 25 mm and nominal rotation speed 9000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP25-12-26-9F	25	12	26	9000	27.6	3.57	8.10	74.8	48
BLDCP25-12-30-9F	25	12	30	9000	31.8	4.11	8.12	76.5	46
BLDCP25-12-35-9F	25	12	35	9000	37.1	4.78	8.14	76.1	50
BLDCP25-12-40-9F	25	12	40	9000	42.4	5.72	7.77	75.1	56
BLDCP25-18-26-9F	25	18	26	9000	27.6	2.45	11.81	73.5	52
BLDCP25-18-30-9F	25	18	30	9000	31.8	2.79	11.95	75.2	48
BLDCP25-18-35-9F	25	18	35	9000	37.1	3.19	12.18	75.5	51
BLDCP25-18-40-9F	25	18	40	9000	42.4	3.71	11.97	76.5	51
BLDCP25-24-26-9F	25	24	26	9000	27.6	1.75	16.48	73.7	51
BLDCP25-24-30-9F	25	24	30	9000	31.8	2.01	16.57	75.0	49
BLDCP25-24-35-9F	25	24	35	9000	37.1	2.39	16.29	76.2	49
BLDCP25-24-40-9F	25	24	40	9000	42.4	2.67	16.64	76.1	52
BLDCP25-36-26-9F	25	36	26	9000	27.6	1.24	23.31	73.7	51
BLDCP25-36-30-9F	25	36	30	9000	31.8	1.39	23.93	75.4	48
BLDCP25-36-35-9F	25	36	35	9000	37.1	1.63	23.90	75.2	52
BLDCP25-36-40-9F	25	36	40	9000	42.4	1.86	23.94	76.5	51

## Motors of BLDCP series with outer diameter 25 mm

## Motors with outer diameter 25 mm and nominal rotation speed 12000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP25-12-36-12F	25	12	36	12000	28.6	4.82	6.22	77.4	49
BLDCP25-12-40-12F	25	12	40	12000	31.8	5.15	6.48	80.2	40
BLDCP25-12-45-12F	25	12	45	12000	35.8	5.90	6.36	79.8	43
BLDCP25-12-50-12F	25	12	50	12000	39.8	6.43	6.48	80.5	42
BLDCP25-18-36-12F	25	18	36	12000	28.6	3.32	9.04	78.0	47
BLDCP25-18-40-12F	25	18	40	12000	31.8	3.60	9.27	78.3	46
BLDCP25-18-45-12F	25	18	45	12000	35.8	3.92	9.56	80.4	41
BLDCP25-18-55-12F	25	18	55	12000	43.8	4.89	9.36	79.3	50
BLDCP25-24-36-12F	25	24	36	12000	28.6	2.29	13.09	78.1	47
BLDCP25-24-40-12F	25	24	40	12000	31.8	2.53	13.18	79.8	41
BLDCP25-24-45-12F	25	24	45	12000	35.8	2.84	13.19	80.3	41
BLDCP25-24-55-12F	25	24	55	12000	43.8	3.68	12.44	78.4	54
BLDCP25-36-36-12F	25	36	36	12000	28.6	1.66	18.07	78.0	47
BLDCP25-36-40-12F	25	36	40	12000	31.8	1.79	18.61	79.8	41
BLDCP25-36-45-12F	25	36	45	12000	35.8	1.96	19.12	80.4	41
BLDCP25-36-55-12F	25	36	55	12000	43.8	2.45	18.74	79.3	50
BLDCP25-48-36-12F	25	48	36	12000	28.6	1.16	25.88	78.5	46
BLDCP25-48-40-12F	25	48	40	12000	31.8	1.27	26.31	78.8	44
BLDCP25-48-45-12F	25	48	45	12000	35.8	1.42	26.41	80.3	41
BLDCP25-48-55-12F	25	48	55	12000	43.8	2.00	22.87	78.9	52

## Motors of BLDCP series with outer diameter 25 mm

## Motors with outer diameter 25 mm and nominal rotation speed 15000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP25-12-40-15F	25	12	40	15000	25.5	5.09	5.24	81.1	37
BLDCP25-12-45-15F	25	12	45	15000	28.6	5.62	5.34	82.5	33
BLDCP25-12-50-15F	25	12	50	15000	31.8	6.22	5.36	83.0	33
BLDCP25-12-54-15F	25	12	54	15000	34.4	6.36	5.66	83.5	31
BLDCP25-18-45-15F	25	18	45	15000	28.6	4.03	7.44	78.8	51
BLDCP25-18-50-15F	25	18	50	15000	31.8	4.31	7.73	80.8	43
BLDCP25-18-55-15F	25	18	55	15000	35.0	4.75	7.72	81.2	42
BLDCP25-18-65-15F	25	18	65	15000	41.4	5.54	7.82	81.2	46
BLDCP25-24-45-15F	25	24	45	15000	28.6	2.83	10.59	80.2	46
BLDCP25-24-50-15F	25	24	50	15000	31.8	3.08	10.83	80.9	43
BLDCP25-24-55-15F	25	24	55	15000	35.0	3.36	10.90	81.2	43
BLDCP25-24-65-15F	25	24	65	15000	41.4	4.15	10.45	81.7	44
BLDCP25-36-45-15F	25	36	45	15000	28.6	2.01	14.95	80.2	45
BLDCP25-36-50-15F	25	36	50	15000	31.8	2.16	15.47	80.8	43
BLDCP25-36-55-15F	25	36	55	15000	35.0	2.37	15.49	82.3	38
BLDCP25-36-65-15F	25	36	65	15000	41.4	2.76	15.72	82.5	41
BLDCP25-48-45-15F	25	48	45	15000	28.6	1.42	21.13	79.3	49
BLDCP25-48-50-15F	25	48	50	15000	31.8	1.54	21.66	80.9	42
BLDCP25-48-55-15F	25	48	55	15000	35.0	1.68	21.88	82.3	38
BLDCP25-48-65-15F	25	48	65	15000	41.4	2.07	20.90	81.7	44

## Motors of BLDCP series with outer diameter 34 mm

Motors with outer diameter 34 mm and nominal rotation speed 3000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP34-12-18-3	34	12	18	3000	57.3	2.43	24.70	73	64
BLDCP34-12-20-3	34	12	20	3000	63.7	2.64	25.24	76.1	57
BLDCP34-12-24-3	34	12	24	3000	76.4	3.26	24.54	74.5	70
BLDCP34-12-28-3	34	12	28	3000	89.1	3.79	24.62	75.7	69
BLDCP34-24-18-3	34	24	18	3000	57.3	1.20	50.00	73.2	64
BLDCP34-24-20-3	34	24	20	3000	63.7	1.30	51.20	76.1	57
BLDCP34-24-24-3	34	24	24	3000	76.4	1.60	49.93	74.8	69
BLDCP34-24-28-3	34	24	28	3000	89.1	1.85	50.34	76.1	68
BLDCP34-36-18-3	34	36	18	3000	57.3	0.82	73.17	74.1	61
BLDCP34-36-20-3	34	36	20	3000	63.7	0.89	74.57	75.5	58
BLDCP34-36-24-3	34	36	24	3000	76.4	1.10	72.72	73.3	73
BLDCP34-36-28-3	34	36	28	3000	89.1	1.28	73.14	75.1	71
BLDCP34-48-18-3	34	48	18	3000	57.3	0.61	98.03	73.3	63
BLDCP34-48-20-3	34	48	20	3000	63.7	0.67	99.05	74.1	62
BLDCP34-48-24-3	34	48	24	3000	76.4	0.81	98.39	74.5	70
BLDCP34-48-28-3	34	48	28	3000	89.1	0.95	98.55	76.2	66



## Motors of BLDCP series with outer diameter 34 mm

Motors with outer diameter 34 mm and nominal rotation speed 6000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP34-12-35-6	34	12	35	6000	55.7	4.48	13.01	80.4	77
BLDCP34-12-40-6	34	12	40	6000	63.7	5.02	13.28	80.7	82
BLDCP34-12-44-6	34	12	44	6000	70.0	5.44	13.49	81.9	78
BLDCP34-12-50-6	34	12	50	6000	79.6	6.14	13.58	83.0	73
BLDCP34-24-35-6	34	24	35	6000	55.7	2.19	26.68	80.8	75
BLDCP34-24-40-6	34	24	40	6000	63.7	2.43	27.41	81.5	77
BLDCP34-24-44-6	34	24	44	6000	70.0	2.67	27.42	81.7	79
BLDCP34-24-50-6	34	24	50	6000	79.6	3.04	27.45	82.9	74
BLDCP34-36-35-6	34	36	35	6000	55.7	1.48	39.55	80.0	79
BLDCP34-36-40-6	34	36	40	6000	63.7	1.67	39.89	80.8	81
BLDCP34-36-44-6	34	36	44	6000	70.0	1.82	40.40	82.0	77
BLDCP34-36-50-6	34	36	50	6000	79.6	2.05	40.73	83.1	73
BLDCP34-48-35-6	34	48	35	6000	55.7	1.10	52.98	79.4	82
BLDCP34-48-40-6	34	48	40	6000	63.7	1.23	54.06	81.4	78
BLDCP34-48-44-6	34	48	44	6000	70.0	1.36	53.92	81.3	81
BLDCP34-48-50-6	34	48	50	6000	79.6	1.52	54.86	82.7	75

## Motors of BLDCP series with outer diameter 34 mm

## Motors with outer diameter 34 mm and nominal rotation speed 3000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP34-12-25-3F	34	12	25	3000	79.6	3.95	21.10	71.5	43
BLDCP34-12-30-3F	34	12	30	3000	95.5	4.71	21.23	70.7	51
BLDCP34-12-35-3F	34	12	35	3000	111.4	5.36	21.75	70.1	57
BLDCP34-12-40-3F	34	12	40	3000	127.3	6.03	22.10	72.1	53
BLDCP34-24-25-3F	34	24	25	3000	79.6	1.87	44.56	70.1	47
BLDCP34-24-30-3F	34	24	30	3000	95.5	2.23	44.76	71.8	48
BLDCP34-24-35-3F	34	24	35	3000	111.4	2.58	45.23	70.7	56
BLDCP34-24-40-3F	34	24	40	3000	127.3	2.87	46.49	73.5	49
BLDCP34-36-25-3F	34	36	25	3000	79.6	1.26	66.40	71.4	44
BLDCP34-36-30-3F	34	36	30	3000	95.5	1.52	65.78	69.8	53
BLDCP34-36-35-3F	34	36	35	3000	111.4	1.75	66.74	69.0	60
BLDCP34-36-40-3F	34	36	40	3000	127.3	1.95	68.30	71.6	54
BLDCP34-48-25-3F	34	48	25	3000	79.6	0.93	89.22	70.7	45
BLDCP34-48-30-3F	34	48	30	3000	95.5	1.12	89.60	72.1	47
BLDCP34-48-35-3F	34	48	35	3000	111.4	1.29	90.64	71.7	54
BLDCP34-48-40-3F	34	48	40	3000	127.3	1.44	92.52	71.7	53

## Motors of BLDCP series with outer diameter 34 mm

## Motors with outer diameter 34 mm and nominal rotation speed 6000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP34-12-50-6F	34	12	50	6000	79.6	6.71	12.41	80.8	41
BLDCP34-12-60-6F	34	12	60	6000	95.5	8.04	12.44	79.9	49
BLDCP34-12-70-6F	34	12	70	6000	111.4	9.24	12.63	81.1	48
BLDCP34-12-80-6F	34	12	80	6000	127.3	10.49	12.71	82.7	44
BLDCP34-24-50-6F	34	24	50	6000	79.6	3.35	24.84	80.9	40
BLDCP34-24-60-6F	34	24	60	6000	95.5	4.01	24.96	81.0	45
BLDCP34-24-70-6F	34	24	70	6000	111.4	4.63	25.20	80.6	50
BLDCP34-24-80-6F	34	24	80	6000	127.3	5.26	25.37	82.1	46
BLDCP34-36-50-6F	34	36	50	6000	79.6	2.24	37.22	80.4	41
BLDCP34-36-60-6F	34	36	60	6000	95.5	2.68	37.35	80.1	48
BLDCP34-36-70-6F	34	36	70	6000	111.4	3.08	37.93	81.3	47
BLDCP34-36-80-6F	34	36	80	6000	127.3	3.49	38.19	82.9	42
BLDCP34-48-50-6F	34	48	50	6000	79.6	1.68	49.72	81.0	40
BLDCP34-48-60-6F	34	48	60	6000	95.5	2.02	49.43	75.7	52
BLDCP34-48-70-6F	34	48	70	6000	111.4	2.31	50.46	80.7	49
BLDCP34-48-80-6F	34	48	80	6000	127.3	2.63	50.77	82.1	45

## Motors of BLDCP series with outer diameter 34 mm

## Motors with outer diameter 34 mm and nominal rotation speed 9000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP34-12-75-9F	34	12	75	9000	79.6	10.10	8.25	83.7	42
BLDCP34-12-90-9F	34	12	90	9000	95.5	12.04	8.31	84.1	45
BLDCP34-12-105-9F	34	12	105	9000	111.4	13.93	8.38	83.9	50
BLDCP34-12-120-9F	34	12	120	9000	127.3	15.13	8.81	85.4	43
BLDCP34-24-75-9F	34	24	75	9000	79.6	4.81	17.32	83.9	41
BLDCP34-24-90-9F	34	24	90	9000	95.5	5.69	17.57	84.2	45
BLDCP34-24-105-9F	34	24	105	9000	111.4	6.64	17.58	83.8	51
BLDCP34-24-120-9F	34	24	120	9000	127.3	7.42	17.96	85.6	43
BLDCP34-36-75-9F	34	36	75	9000	79.6	3.21	25.93	83.3	43
BLDCP34-36-90-9F	34	36	90	9000	95.5	3.79	26.42	84.8	42
BLDCP34-36-105-9F	34	36	105	9000	111.4	4.48	26.02	84.5	47
BLDCP34-36-120-9F	34	36	120	9000	127.3	5.05	26.40	85.5	43
BLDCP34-48-75-9F	34	48	75	9000	79.6	2.41	34.63	83.8	41
BLDCP34-48-90-9F	34	48	90	9000	95.5	2.85	35.15	84.2	45
BLDCP34-48-105-9F	34	48	105	9000	111.4	3.32	35.18	83.9	50
BLDCP34-48-120-9F	34	48	120	9000	127.3	3.72	35.87	85.3	44

## Motors of BLDCP series with outer diameter 34 mm

## Motors with outer diameter 34 mm and nominal rotation speed 12000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP34-12-100-12F	34	12	100	12000	79.6	12.33	6.76	84.5	45
BLDCP34-12-120-12F	34	12	120	12000	95.5	15.23	6.57	85.6	46
BLDCP34-12-140-12F	34	12	140	12000	111.4	18.10	6.45	86	47
BLDCP34-12-160-12F	34	12	160	12000	127.3	20.00	6.67	86.4	46
BLDCP34-24-100-12F	34	24	100	12000	79.6	6.16	13.54	84.9	44
BLDCP34-24-120-12F	34	24	120	12000	95.5	7.62	13.13	85.6	46
BLDCP34-24-140-12F	34	24	140	12000	111.4	8.73	13.36	85.6	50
BLDCP34-24-160-12F	34	24	160	12000	127.3	9.76	13.66	86.6	45
BLDCP34-36-100-12F	34	36	100	12000	79.6	4.10	20.30	84.7	45
BLDCP34-36-120-12F	34	36	120	12000	95.5	5.07	19.71	85.8	45
BLDCP34-36-140-12F	34	36	140	12000	111.4	5.82	20.06	85.7	49
BLDCP34-36-160-12F	34	36	160	12000	127.3	6.54	20.38	86.9	43
BLDCP34-48-100-12F	34	48	100	12000	79.6	3.07	27.11	85.0	43
BLDCP34-48-120-12F	34	48	120	12000	95.5	3.80	26.33	86.1	43
BLDCP34-48-140-12F	34	48	140	12000	111.4	4.37	26.69	85.3	52
BLDCP34-48-160-12F	34	48	160	12000	127.3	4.88	27.30	86.4	46

## Motors of BLDCP series with outer diameter 34 mm

## Motors with outer diameter 34 mm and nominal rotation speed 15000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP34-12-125-15F	34	12	125	15000	79.6	15.67	5.32	85.1	49
BLDCP34-12-150-15F	34	12	150	15000	95.5	18.75	5.33	86.3	49
BLDCP34-12-170-15F	34	12	170	15000	108.2	21.47	5.28	86.2	52
BLDCP34-12-180-15F	34	12	180	15000	114.6	21.36	5.62	87.3	42
BLDCP34-24-125-15F	34	24	125	15000	79.6	8.00	10.41	85.5	46
BLDCP34-24-150-15F	34	24	150	15000	95.5	9.61	10.41	86.3	49
BLDCP34-24-175-15F	34	24	175	15000	111.4	11.39	10.24	86.1	54
BLDCP34-24-200-15F	34	24	200	15000	127.3	12.33	10.81	87.3	47
BLDCP34-36-125-15F	34	36	125	15000	79.6	5.44	15.31	85.5	46
BLDCP34-36-150-15F	34	36	150	15000	95.5	6.57	15.22	86.1	50
BLDCP34-36-175-15F	34	36	175	15000	111.4	7.80	14.95	86.3	53
BLDCP34-36-200-15F	34	36	200	15000	127.3	8.50	15.69	87.3	46
BLDCP34-48-125-15F	34	48	125	15000	79.6	4.01	20.80	85.4	47
BLDCP34-48-150-15F	34	48	150	15000	95.5	4.76	21.02	86.2	50
BLDCP34-48-175-15F	34	48	175	15000	111.4	5.61	20.79	86.6	50
BLDCP34-48-200-15F	34	48	200	15000	127.3	6.09	21.91	87.0	49

## Motors of BLDCP series with outer diameter 42 mm

Motors with outer diameter 42 mm and nominal rotation speed 3000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP42-12-30-3	42	12	30	3000	95.5	4.03	24.83	77.7	68
BLDCP42-12-40-3	42	12	40	3000	127.3	5.25	25.42	80.6	66
BLDCP42-12-50-3	42	12	50	3000	159.2	6.47	25.77	82.1	65
BLDCP42-12-60-3	42	12	60	3000	191.0	7.75	25.81	82.2	69
BLDCP42-24-30-3	42	24	30	3000	95.5	2.03	49.33	75.9	74
BLDCP42-24-40-3	42	24	40	3000	127.3	2.57	51.86	81.0	65
BLDCP42-24-50-3	42	24	50	3000	159.2	3.23	51.53	82.1	65
BLDCP42-24-60-3	42	24	60	3000	191.0	3.87	51.72	82.7	68
BLDCP42-36-30-3	42	36	30	3000	95.5	1.33	75.13	77.4	69
BLDCP42-36-40-3	42	36	40	3000	127.3	1.70	78.29	80.7	66
BLDCP42-36-50-3	42	36	50	3000	159.2	2.14	78.02	81.9	66
BLDCP42-36-60-3	42	36	60	3000	191.0	2.48	80.70	81.4	73
BLDCP42-48-30-3	42	48	30	3000	95.5	1.01	99.50	76.4	73
BLDCP42-48-40-3	42	48	40	3000	127.3	1.30	102.24	79.4	70
BLDCP42-48-50-3	42	48	50	3000	159.2	1.63	102.24	81.2	69
BLDCP42-48-60-3	42	48	60	3000	191.0	1.94	103.09	81.7	72

## Motors of BLDCP series with outer diameter 42 mm

### Motors with outer diameter 42 mm and nominal rotation speed 6000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP42-12-40-6	42	12	40	6000	63.7	4.95	13.46	82.6	63
BLDCP42-12-60-6	42	12	60	6000	95.5	6.80	14.72	85.3	66
BLDCP42-12-70-6	42	12	70	6000	111.4	7.78	14.99	85.5	66
BLDCP42-12-90-6	42	12	90	6000	143.2	10.02	14.96	86.2	72
BLDCP42-24-40-6	42	24	40	6000	63.7	2.39	27.92	82.3	64
BLDCP42-24-60-6	42	24	60	6000	95.5	3.44	29.08	85.5	65
BLDCP42-24-70-6	42	24	70	6000	111.4	3.95	29.50	85.7	65
BLDCP42-24-90-6	42	24	90	6000	143.2	5.21	28.78	86.0	73
BLDCP42-36-40-6	42	36	40	6000	63.7	1.62	41.25	81.7	67
BLDCP42-36-60-6	42	36	60	6000	95.5	2.32	43.10	85.3	66
BLDCP42-36-70-6	42	36	70	6000	111.4	2.68	43.55	85.5	66
BLDCP42-36-90-6	42	36	90	6000	143.2	3.47	43.19	86.1	72
BLDCP42-48-40-6	42	48	40	6000	63.7	1.19	55.88	82.5	63
BLDCP42-48-60-6	42	48	60	6000	95.5	1.72	58.17	85.5	64
BLDCP42-48-70-6	42	48	70	6000	111.4	1.98	58.89	85.4	67
BLDCP42-48-90-6	42	48	90	6000	143.2	2.60	57.62	86.2	71



## Motors of BLDCP series with outer diameter 42 mm

Motors with outer diameter 42 mm and nominal rotation speed 3000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP42-12-50-3F	42	12	50	3000	159.2	7.49	22.25	77.6	49
BLDCP42-12-65-3F	42	12	65	3000	206.9	9.26	23.40	80.7	45
BLDCP42-12-85-3F	42	12	85	3000	270.6	12.09	23.43	81.6	47
BLDCP42-12-100-3F	42	12	100	3000	318.3	14.37	23.19	83.4	42
BLDCP42-24-50-3F	42	24	50	3000	159.2	3.61	46.16	78.7	46
BLDCP42-24-65-3F	42	24	65	3000	206.9	4.63	46.83	80.9	44
BLDCP42-24-85-3F	42	24	85	3000	270.6	6.04	46.92	82.2	45
BLDCP42-24-100-3F	42	24	100	3000	318.3	6.90	48.28	83.3	43
BLDCP42-36-50-3F	42	36	50	3000	159.2	2.47	67.44	77.1	51
BLDCP42-36-65-3F	42	36	65	3000	206.9	3.13	69.28	81.6	42
BLDCP42-36-85-3F	42	36	85	3000	270.6	4.10	69.03	83.0	42
BLDCP42-36-100-3F	42	36	100	3000	318.3	4.79	69.63	83.5	41
BLDCP42-48-50-3F	42	48	50	3000	159.2	1.96	85.20	71.9	66
BLDCP42-48-65-3F	42	48	65	3000	206.9	2.41	89.82	76.6	57
BLDCP42-48-85-3F	42	48	85	3000	270.6	3.12	90.69	77.8	59
BLDCP42-48-100-3F	42	48	100	3000	318.3	3.65	91.29	78.9	57

## Motors of BLDCP series with outer diameter 42 mm

## Motors with outer diameter 42 mm and nominal rotation speed 6000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP42-12-75-6F	42	12	75	6000	119.4	10.68	11.70	81.3	49
BLDCP42-12-140-6F	42	12	140	6000	222.8	19.92	11.71	82.6	68
BLDCP42-12-170-6F	42	12	170	6000	270.6	24.11	11.75	84.7	58
BLDCP42-12-200-6F	42	12	200	6000	318.3	27.57	12.09	85.6	54
BLDCP42-24-75-6F	42	24	75	6000	119.4	5.24	23.88	80.5	52
BLDCP42-24-140-6F	42	24	140	6000	222.8	9.79	23.84	83.8	62
BLDCP42-24-170-6F	42	24	170	6000	270.6	12.04	23.53	84.9	57
BLDCP42-24-200-6F	42	24	200	6000	318.3	13.57	24.57	84.9	59
BLDCP42-36-75-6F	42	36	75	6000	119.4	3.51	35.61	81.0	50
BLDCP42-36-140-6F	42	36	140	6000	222.8	6.64	35.14	82.9	67
BLDCP42-36-170-6F	42	36	170	6000	270.6	8.03	35.29	84.9	57
BLDCP42-36-200-6F	42	36	200	6000	318.3	9.20	36.22	85.8	53
BLDCP42-48-75-6F	42	48	75	6000	119.4	2.62	47.74	80.3	53
BLDCP42-48-140-6F	42	48	140	6000	222.8	4.92	47.41	82.6	69
BLDCP42-48-170-6F	42	48	170	6000	270.6	6.01	47.16	85.3	54
BLDCP42-48-200-6F	42	48	200	6000	318.3	6.77	49.26	85.3	56

## Motors of BLDCP series with outer diameter 42 mm

## Motors with outer diameter 42 mm and nominal rotation speed 9000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP42-18-125-9F	42	18	125	9000	132.6	8.53	16.29	83.4	61
BLDCP42-18-210-9F	42	18	210	9000	222.8	14.18	16.45	86.2	64
BLDCP42-18-255-9F	42	18	255	9000	270.6	17.16	16.51	87.2	58
BLDCP42-18-300-9F	42	18	300	9000	318.3	19.67	16.95	87.9	54
BLDCP42-24-125-9F	42	24	125	9000	132.6	5.76	24.13	83.0	64
BLDCP42-24-210-9F	42	24	210	9000	222.8	9.41	24.78	87.1	58
BLDCP42-24-255-9F	42	24	255	9000	270.6	11.49	24.65	86.9	60
BLDCP42-24-300-9F	42	24	300	9000	318.3	13.28	25.10	87.7	56
BLDCP42-36-125-9F	42	36	125	9000	132.6	4.26	32.64	83.7	59
BLDCP42-36-210-9F	42	36	210	9000	222.8	7.23	32.29	86.4	62
BLDCP42-36-255-9F	42	36	255	9000	270.6	8.70	32.58	87.6	55
BLDCP42-36-300-9F	42	36	300	9000	318.3	9.71	34.34	87.8	56
BLDCP42-48-125-9F	42	48	125	9000	132.6	11.81	11.76	83.8	59
BLDCP42-48-210-9F	42	48	210	9000	222.8	18.90	12.35	86.5	62
BLDCP42-48-255-9F	42	48	255	9000	270.6	22.53	12.57	86.8	61
BLDCP42-48-300-9F	42	48	300	9000	318.3	26.36	12.64	88.3	51

## Motors of BLDCP series with outer diameter 42 mm

## Motors with outer diameter 42 mm and nominal rotation speed 12000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP42-12-175-12F	42	12	175	12000	139.3	24.77	5.89	84.1	74
BLDCP42-12-240-12F	42	12	240	12000	191.0	31.26	6.40	88.2	51
BLDCP42-12-260-12F	42	12	260	12000	206.9	30.88	7.02	88.5	43
BLDCP42-12-280-12F	42	12	280	12000	222.8	32.43	7.19	88.7	38
BLDCP42-24-175-12F	42	24	175	12000	139.3	12.16	12.00	85.0	68
BLDCP42-24-280-12F	42	24	280	12000	222.8	19.03	12.26	87.7	65
BLDCP42-24-340-12F	42	24	340	12000	270.6	22.71	12.47	87.9	64
BLDCP42-24-400-12F	42	24	400	12000	318.3	25.71	12.96	88.7	60
BLDCP42-36-175-12F	42	36	175	12000	139.3	8.25	17.67	84.4	72
BLDCP42-36-280-12F	42	36	280	12000	222.8	12.57	18.57	87.6	67
BLDCP42-36-340-12F	42	36	340	12000	270.6	14.91	19.00	88.5	59
BLDCP42-36-400-12F	42	36	400	12000	318.3	17.08	19.52	89.0	56
BLDCP42-48-175-12F	42	48	175	12000	139.3	6.11	23.88	84.2	74
BLDCP42-48-280-12F	42	48	280	12000	222.8	9.48	24.61	88.2	61
BLDCP42-48-340-12F	42	48	340	12000	270.6	11.59	24.45	88.0	64
BLDCP42-48-400-12F	42	48	400	12000	318.3	12.83	25.99	88.9	58

## Motors of BLDCP series with outer diameter 42 mm

## Motors with outer diameter 42 mm and nominal rotation speed 15000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP42-24-210-15F	42	24	210	15000	133.7	14.01	9.99	84.9	77
BLDCP42-24-350-15F	42	24	350	15000	222.8	23.29	10.02	88.3	69
BLDCP42-24-425-15F	42	24	425	15000	270.6	28.73	9.86	88.9	63
BLDCP42-24-500-15F	42	24	500	15000	318.3	32.73	10.18	89.1	65
BLDCP42-36-210-15F	42	36	210	15000	133.7	9.36	14.96	84.8	78
BLDCP42-36-350-15F	42	36	350	15000	222.8	15.60	14.96	88.2	71
BLDCP42-36-425-15F	42	36	425	15000	270.6	18.95	14.95	88.8	65
BLDCP42-36-500-15F	42	36	500	15000	318.3	21.47	15.53	88.9	67
BLDCP42-48-210-15F	42	48	210	15000	133.7	6.94	20.18	85.3	73
BLDCP42-48-350-15F	42	48	350	15000	222.8	11.90	19.60	88.1	73
BLDCP42-48-425-15F	42	48	425	15000	270.6	14.14	20.04	88.6	67
BLDCP42-48-500-15F	42	48	500	15000	318.3	16.36	20.37	89.1	65

## Motors of BLDCP series with outer diameter 42 mm

## Motors with outer diameter 42 mm and nominal rotation speed 18000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP42-24-210-18F	42	24	210	18000	111.4	13.29	8.78	84.5	71
BLDCP42-24-350-18F	42	24	350	18000	185.7	22.22	8.75	87.9	64
BLDCP42-24-425-18F	42	24	425	18000	225.5	26.52	8.90	88.1	64
BLDCP42-24-500-18F	42	24	500	18000	265.3	30.49	9.11	88.6	62
BLDCP42-36-210-18F	42	36	210	18000	111.4	9.01	12.94	84.7	67
BLDCP42-36-350-18F	42	36	350	18000	185.7	14.87	13.08	87.8	66
BLDCP42-36-425-18F	42	36	425	18000	225.5	17.91	13.18	88.2	62
BLDCP42-36-500-18F	42	36	500	18000	265.3	20.77	13.37	88.6	60
BLDCP42-48-210-18F	42	48	210	18000	111.4	6.63	17.58	84.7	69
BLDCP42-48-350-18F	42	48	350	18000	185.7	11.14	17.45	87.7	67
BLDCP42-48-425-18F	42	48	425	18000	225.5	13.25	17.82	88.2	63
BLDCP42-48-500-18F	42	48	500	18000	265.3	15.30	18.16	88.6	61

## Motors of BLDCP series with outer diameter 53 mm

## Motors with outer diameter 53 mm and nominal rotation speed 3000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP53-12-55-3	53	12	55	3000	175.1	6.83	26.86	84.4	45
BLDCP53-12-65-3	53	12	65	3000	206.9	7.32	29.62	85.5	43
BLDCP53-12-80-3	53	12	80	3000	254.6	8.74	30.51	86.4	45
BLDCP53-12-100-3	53	12	100	3000	318.3	10.89	30.61	86.4	52
BLDCP53-24-55-3	53	24	55	3000	175.1	3.33	55.03	84.2	46
BLDCP53-24-65-3	53	24	65	3000	206.9	3.66	59.19	85.3	44
BLDCP53-24-80-3	53	24	80	3000	254.6	4.38	60.88	85.9	47
BLDCP53-24-100-3	53	24	100	3000	318.3	5.44	61.28	86.5	51
BLDCP53-36-55-3	53	36	55	3000	175.1	2.24	81.99	84.6	44
BLDCP53-36-65-3	53	36	65	3000	206.9	2.44	88.90	85.6	43
BLDCP53-36-80-3	53	36	80	3000	254.6	2.99	89.18	86.4	45
BLDCP53-36-100-3	53	36	100	3000	318.3	3.74	89.02	86.3	52
BLDCP53-48-55-3	53	48	55	3000	175.1	1.62	112.88	84.4	45
BLDCP53-48-65-3	53	48	65	3000	206.9	1.83	118.39	85.4	44
BLDCP53-48-80-3	53	48	80	3000	254.6	2.23	119.52	86.0	46
BLDCP53-48-100-3	53	48	100	3000	318.3	2.78	119.81	86.6	51

## Motors of BLDCP series with outer diameter 53 mm

Motors with outer diameter 53 mm and nominal rotation speed 6000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP53-12-100-6	53	12	100	6000	159.2	11.17	14.92	85.1	71
BLDCP53-12-110-6	53	12	110	6000	175.1	12.45	14.73	85.0	70
BLDCP53-12-135-6	53	12	135	6000	214.9	14.77	15.23	85.8	74
BLDCP53-12-180-6	53	12	180	6000	286.5	19.55	15.34	86.8	83
BLDCP53-24-100-6	53	24	100	6000	159.2	5.59	29.83	85.1	71
BLDCP53-24-110-6	53	24	110	6000	175.1	6.23	29.43	85.0	71
BLDCP53-24-135-6	53	24	135	6000	214.9	7.39	30.43	85.6	75
BLDCP53-24-180-6	53	24	180	6000	286.5	9.78	30.68	86.8	83
BLDCP53-36-100-6	53	36	100	6000	159.2	3.78	44.10	85.1	71
BLDCP53-36-110-6	53	36	110	6000	175.1	4.15	44.13	84.9	71
BLDCP53-36-135-6	53	36	135	6000	214.9	4.93	45.67	85.7	74
BLDCP53-36-180-6	53	36	180	6000	286.5	6.53	45.97	86.7	84
BLDCP53-48-100-6	53	48	100	6000	159.2	2.80	59.63	85.0	72
BLDCP53-48-110-6	53	48	110	6000	175.1	3.12	58.85	84.9	71
BLDCP53-48-135-6	53	48	135	6000	214.9	3.70	60.84	85.6	75
BLDCP53-48-180-6	53	48	180	6000	286.5	4.89	61.33	86.8	83



## Motors of BLDCP series with outer diameter 53 mm

## Motors with outer diameter 53 mm and nominal rotation speed 3000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP53-12-125-3F	53	12	125	3000	397.9	18.42	22.62	78.4	70
BLDCP53-12-150-3F	53	12	150	3000	477.5	21.28	23.49	82.4	54
BLDCP53-12-175-3F	53	12	175	3000	557.0	24.82	23.50	83.5	52
BLDCP53-12-200-3F	53	12	200	3000	636.6	28.37	23.49	84.6	48
BLDCP53-24-125-3F	53	24	125	3000	397.9	9.16	45.47	79.7	64
BLDCP53-24-150-3F	53	24	150	3000	477.5	10.81	46.27	82.4	54
BLDCP53-24-175-3F	53	24	175	3000	557.0	12.39	47.06	83.7	50
BLDCP53-24-200-3F	53	24	200	3000	636.6	14.01	47.59	83.4	54
BLDCP53-36-125-3F	53	36	125	3000	397.9	6.13	67.98	78.8	69
BLDCP53-36-150-3F	53	36	150	3000	477.5	7.31	68.41	82.3	55
BLDCP53-36-175-3F	53	36	175	3000	557.0	8.26	70.64	84.0	50
BLDCP53-36-200-3F	53	36	200	3000	636.6	9.47	70.36	84.6	48
BLDCP53-48-125-3F	53	48	125	3000	397.9	4.57	91.13	80.2	62
BLDCP53-48-150-3F	53	48	150	3000	477.5	5.39	92.74	83.0	51
BLDCP53-48-175-3F	53	48	175	3000	557.0	6.22	93.76	82.8	55
BLDCP53-48-200-3F	53	48	200	3000	636.6	6.98	95.53	84.3	50

## Motors of BLDCP series with outer diameter 53 mm

## Motors with outer diameter 53 mm and nominal rotation speed 6000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP53-12-250-6F	53	12	250	6000	397.9	36.04	11.56	85.4	66
BLDCP53-12-300-6F	53	12	300	6000	477.5	40.51	12.34	87.7	52
BLDCP53-12-350-6F	53	12	350	6000	557.0	46.57	12.53	88.5	49
BLDCP53-12-400-6F	53	12	400	6000	636.6	50.81	13.12	88.7	50
BLDCP53-24-250-6F	53	24	250	6000	397.9	16.69	24.97	86.3	60
BLDCP53-24-300-6F	53	24	300	6000	477.5	19.45	25.70	87.2	56
BLDCP53-24-350-6F	53	24	350	6000	557.0	22.73	25.67	88.0	53
BLDCP53-24-400-6F	53	24	400	6000	636.6	25.52	26.12	88.8	49
BLDCP53-36-250-6F	53	36	250	6000	397.9	11.17	37.31	85.9	63
BLDCP53-36-300-6F	53	36	300	6000	477.5	12.99	38.50	87.0	58
BLDCP53-36-350-6F	53	36	350	6000	557.0	15.24	38.27	88.4	50
BLDCP53-36-400-6F	53	36	400	6000	636.6	17.09	39.01	88.4	52
BLDCP53-48-250-6F	53	48	250	6000	397.9	8.46	49.27	85.9	64
BLDCP53-48-300-6F	53	48	300	6000	477.5	9.71	51.48	87.4	54
BLDCP53-48-350-6F	53	48	350	6000	557.0	11.35	51.40	88.2	51
BLDCP53-48-400-6F	53	48	400	6000	636.6	12.76	52.26	88.8	48

## Motors of BLDCP series with outer diameter 53 mm

## Motors with outer diameter 53 mm and nominal rotation speed 9000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP53-24-325-9F	53	24	325	9000	344.8	21.41	16.86	86.6	66
BLDCP53-24-400-9F	53	24	400	9000	424.4	26.31	16.89	87.7	59
BLDCP53-24-450-9F	53	24	450	9000	477.5	29.53	16.93	88.3	55
BLDCP53-24-500-9F	53	24	500	9000	530.5	32.93	16.87	88.3	55
BLDCP53-36-325-9F	53	36	325	9000	344.8	14.29	25.27	86.5	67
BLDCP53-36-400-9F	53	36	400	9000	424.4	17.37	25.59	87.5	61
BLDCP53-36-450-9F	53	36	450	9000	477.5	19.42	25.75	88.2	55
BLDCP53-36-500-9F	53	36	500	9000	530.5	21.59	25.73	88.1	57
BLDCP53-48-325-9F	53	48	325	9000	344.8	10.69	33.78	86.8	63
BLDCP53-48-400-9F	53	48	400	9000	424.4	13.20	33.67	87.3	64
BLDCP53-48-450-9F	53	48	450	9000	477.5	14.75	33.89	88.3	54
BLDCP53-48-500-9F	53	48	500	9000	530.5	16.47	33.73	88.2	55

## Motors of BLDCP series with outer diameter 53 mm

## Motors with outer diameter 53 mm and nominal rotation speed 12000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP53-24-400-12F	53	24	400	12000	318.3	25.29	13.18	87.0	68
BLDCP53-24-500-12F	53	24	500	12000	397.9	32.18	12.95	87.9	64
BLDCP53-24-550-12F	53	24	550	12000	437.7	35.04	13.08	88.4	58
BLDCP53-24-600-12F	53	24	600	12000	477.5	38.01	13.15	88.4	57
BLDCP53-36-400-12F	53	36	400	12000	318.3	16.93	19.69	86.9	70
BLDCP53-36-500-12F	53	36	500	12000	397.9	21.02	19.82	88.0	64
BLDCP53-36-650-12F	53	36	650	12000	517.3	27.44	19.74	88.6	70
BLDCP53-36-750-12F	53	36	750	12000	596.8	31.38	19.92	89.1	67
BLDCP53-48-400-12F	53	48	400	12000	318.3	12.67	26.30	86.7	72
BLDCP53-48-500-12F	53	48	500	12000	397.9	16.15	25.80	87.5	69
BLDCP53-48-650-12F	53	48	650	12000	517.3	21.53	25.15	87.9	78
BLDCP53-48-750-12F	53	48	750	12000	596.8	24.79	25.21	88.5	74

## Motors of BLDCP series with outer diameter 53 mm

Motors with outer diameter 53 mm and nominal rotation speed 15000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP53-36-500-15F	53	36	500	15000	318.3	21.78	15.30	86.5	84
BLDCP53-36-650-15F	53	36	650	15000	413.8	29.27	14.81	87.5	83
BLDCP53-36-750-15F	53	36	750	15000	477.5	33.10	15.10	88.0	78
BLDCP53-36-850-15F	53	36	850	15000	541.1	36.36	15.59	88.3	78
BLDCP53-48-500-15F	53	48	500	15000	318.3	16.28	20.47	86.7	81
BLDCP53-48-650-15F	53	48	650	15000	413.8	21.59	20.07	87.4	86
BLDCP53-48-750-15F	53	48	750	15000	477.5	23.83	20.98	88.0	79
BLDCP53-48-850-15F	53	48	850	15000	541.1	27.95	20.27	88.3	77

## Motors of BLDCP series with outer diameter 65 mm

## Motors with outer diameter 65 mm and nominal rotation speed 3000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP65-12-130-3	65	12	130	3000	413.8	17.61	24.61	88.4	51
BLDCP65-12-150-3	65	12	150	3000	477.5	20.04	24.94	89.0	50
BLDCP65-12-185-3	65	12	185	3000	588.9	24.17	25.52	89.0	57
BLDCP65-12-200-3	65	12	200	3000	636.6	25.67	25.97	89.3	56
BLDCP65-24-130-3	65	24	130	3000	413.8	8.30	52.22	88.2	52
BLDCP65-24-150-3	65	24	150	3000	477.5	9.31	53.72	88.9	51
BLDCP65-24-185-3	65	24	185	3000	588.9	11.11	55.53	89.0	58
BLDCP65-24-200-3	65	24	200	3000	636.6	11.64	57.26	89.4	56
BLDCP65-36-130-3	65	36	130	3000	413.8	5.36	80.81	88.4	51
BLDCP65-36-150-3	65	36	150	3000	477.5	5.99	83.54	88.8	51
BLDCP65-36-185-3	65	36	185	3000	588.9	7.42	83.13	88.7	59
BLDCP65-36-200-3	65	36	200	3000	636.6	7.78	85.74	89.1	57
BLDCP65-48-130-3	65	48	130	3000	413.8	3.97	109.20	88.2	52
BLDCP65-48-150-3	65	48	150	3000	477.5	4.53	110.39	88.8	51
BLDCP65-48-185-3	65	48	185	3000	588.9	5.56	110.92	88.8	59
BLDCP65-48-200-3	65	48	200	3000	636.6	5.82	114.52	89.3	56

## Motors of BLDCP series with outer diameter 65 mm

## Motors with outer diameter 65 mm and nominal rotation speed 6000 rpm with natural cooling

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP65-12-165-6	65	12	165	6000	262.6	17.85	15.40	86.1	72
BLDCP65-12-185-6	65	12	185	6000	294.4	19.99	15.42	86.2	74
BLDCP65-12-200-6	65	12	200	6000	318.3	21.07	15.82	85.9	76
BLDCP65-12-225-6	65	12	225	6000	358.1	23.72	15.81	86.2	78
BLDCP65-24-165-6	65	24	165	6000	262.6	9.20	29.90	86.1	72
BLDCP65-24-185-6	65	24	185	6000	294.4	9.72	31.71	86.2	75
BLDCP65-24-225-6	65	24	225	6000	358.1	11.95	31.38	86.9	79
BLDCP65-24-250-6	65	24	250	6000	397.9	12.66	32.90	87.1	81
BLDCP65-36-165-6	65	36	165	6000	262.6	6.18	44.49	86.1	73
BLDCP65-36-185-6	65	36	185	6000	294.4	6.54	47.11	86.2	75
BLDCP65-36-225-6	65	36	225	6000	358.1	8.37	44.80	86.9	79
BLDCP65-36-250-6	65	36	250	6000	397.9	8.81	47.29	87.0	81
BLDCP65-48-165-6	65	48	165	6000	262.6	4.43	62.07	86.1	73
BLDCP65-48-185-6	65	48	185	6000	294.4	4.86	63.40	86.2	75
BLDCP65-48-225-6	65	48	225	6000	358.1	5.98	62.76	86.9	79
BLDCP65-48-250-6	65	48	250	6000	397.9	6.61	63.03	87.0	81

## Motors of BLDCP series with outer diameter 65 mm

## Motors with outer diameter 65 mm and nominal rotation speed 3000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP65-12-275-3F	65	12	275	3000	875.4	38.33	23.91	85.9	58
BLDCP65-12-325-3F	65	12	325	3000	1034.5	45.08	24.03	86.8	56
BLDCP65-12-375-3F	65	12	375	3000	1193.7	53.15	23.52	87.2	56
BLDCP65-12-400-3F	65	12	400	3000	1273.2	56.47	23.61	87.8	51
BLDCP65-24-275-3F	65	24	275	3000	875.4	19.15	47.86	86.1	56
BLDCP65-24-325-3F	65	24	325	3000	1034.5	22.53	48.08	86.9	55
BLDCP65-24-375-3F	65	24	375	3000	1193.7	26.10	47.89	86.5	61
BLDCP65-24-400-3F	65	24	400	3000	1273.2	27.42	48.63	88.4	47
BLDCP65-36-275-3F	65	36	275	3000	875.4	12.76	71.83	86.2	56
BLDCP65-36-325-3F	65	36	325	3000	1034.5	15.07	71.91	86.3	59
BLDCP65-36-375-3F	65	36	375	3000	1193.7	17.82	70.14	87.0	57
BLDCP65-36-400-3F	65	36	400	3000	1273.2	18.56	71.83	87.7	52
BLDCP65-48-275-3F	65	48	275	3000	875.4	9.61	95.37	85.4	61
BLDCP65-48-325-3F	65	48	325	3000	1034.5	11.30	95.91	86.4	58
BLDCP65-48-375-3F	65	48	375	3000	1193.7	13.26	94.29	86.2	62
BLDCP65-48-400-3F	65	48	400	3000	1273.2	13.97	95.46	88.1	49



## Motors of BLDCP series with outer diameter 65 mm

## Motors with outer diameter 65 mm and nominal rotation speed 6000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP65-24-550-6F	65	24	550	6000	875.4	38.67	23.70	89.7	60
BLDCP65-24-650-6F	65	24	650	6000	1034.5	45.51	23.81	90.3	58
BLDCP65-24-750-6F	65	24	750	6000	1193.7	51.52	24.26	90.2	62
BLDCP65-24-800-6F	65	24	800	6000	1273.2	54.10	24.64	91.1	51
BLDCP65-36-550-6F	65	36	550	6000	875.4	25.85	35.46	89.4	63
BLDCP65-36-650-6F	65	36	650	6000	1034.5	30.42	35.61	90.0	61
BLDCP65-36-750-6F	65	36	750	6000	1193.7	34.71	36.01	90.7	57
BLDCP65-36-800-6F	65	36	800	6000	1273.2	36.10	36.94	91.1	52
BLDCP65-48-550-6F	65	48	550	6000	875.4	19.32	47.44	89.8	59
BLDCP65-48-650-6F	65	48	650	6000	1034.5	22.74	47.63	90.4	57
BLDCP65-48-750-6F	65	48	750	6000	1193.7	25.73	48.58	90.4	60
BLDCP65-48-800-6F	65	48	800	6000	1273.2	27.16	49.10	90.7	56

## Motors of BLDCP series with outer diameter 65 mm

## Motors with outer diameter 65 mm and nominal rotation speed 9000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP65-36-700-9F	65	36	700	9000	742.7	31.36	24.80	90.0	61
BLDCP65-36-800-9F	65	36	800	9000	848.8	35.03	25.37	90.2	61
BLDCP65-36-900-9F	65	36	900	9000	954.9	38.66	25.87	90.7	57
BLDCP65-36-1000-9F	65	36	1000	9000	1061.0	42.59	26.08	90.8	58
BLDCP65-48-700-9F	65	48	700	9000	742.7	23.21	33.50	89.8	63
BLDCP65-48-800-9F	65	48	800	9000	848.8	25.73	34.54	90.4	58
BLDCP65-48-900-9F	65	48	900	9000	954.9	28.95	34.55	90.6	59
BLDCP65-48-1000-9F	65	48	1000	9000	1061.0	31.92	34.80	90.7	59

## Motors of BLDCP series with outer diameter 65 mm

## Motors with outer diameter 65 mm and nominal rotation speed 12000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP65-36-800-12F	65	36	800	12000	636.6	34.36	19.40	89.1	72
BLDCP65-36-900-12F	65	36	900	12000	716.2	38.06	19.71	89.5	68
BLDCP65-36-1000-12F	65	36	1000	12000	795.8	41.12	20.27	89.9	63
BLDCP65-36-1150-12F	65	36	1150	12000	915.1	48.83	19.63	90.1	67
BLDCP65-48-850-12F	65	48	850	12000	676.4	27.40	25.85	89.4	73
BLDCP65-48-1000-12F	65	48	1000	12000	795.8	32.11	25.95	90.0	71
BLDCP65-48-1200-12F	65	48	1200	12000	954.9	37.86	26.41	90.4	74
BLDCP65-48-1500-12F	65	48	1500	12000	1193.7	49.27	25.37	90.9	80

## Motors of BLDCP series with outer diameter 65 mm

Motors with outer diameter 65 mm and nominal rotation speed 15000 rpm with fan

Motor Type	Outer diameter, mm	Voltage, V	Nominal useful power, W	Nominal speed, rpm	Nominal torque, mNm	Current in DC link, A	Torque factor, mNm/A	Efficiency, %	Overheating of winding, °C
BLDCP65-36-800-15F	65	36	800	15000	509.3	32.66	16.33	87.0	81
BLDCP65-36-900-15F	65	36	900	15000	573.0	35.90	16.71	87.4	77
BLDCP65-36-1000-15F	65	36	1000	15000	636.6	39.93	16.69	87.6	77
BLDCP65-36-1150-15F	65	36	1150	15000	732.1	45.23	16.95	88.2	74
BLDCP65-48-850-15F	65	48	850	15000	541.1	26.80	21.15	87.4	86
BLDCP65-48-1000-15F	65	48	1000	15000	636.6	31.71	21.02	88.1	80
BLDCP65-48-1200-15F	65	48	1200	15000	763.9	38.45	20.81	88.8	83
BLDCP65-48-1500-15F	65	48	1500	15000	954.9	46.78	21.37	89.7	87