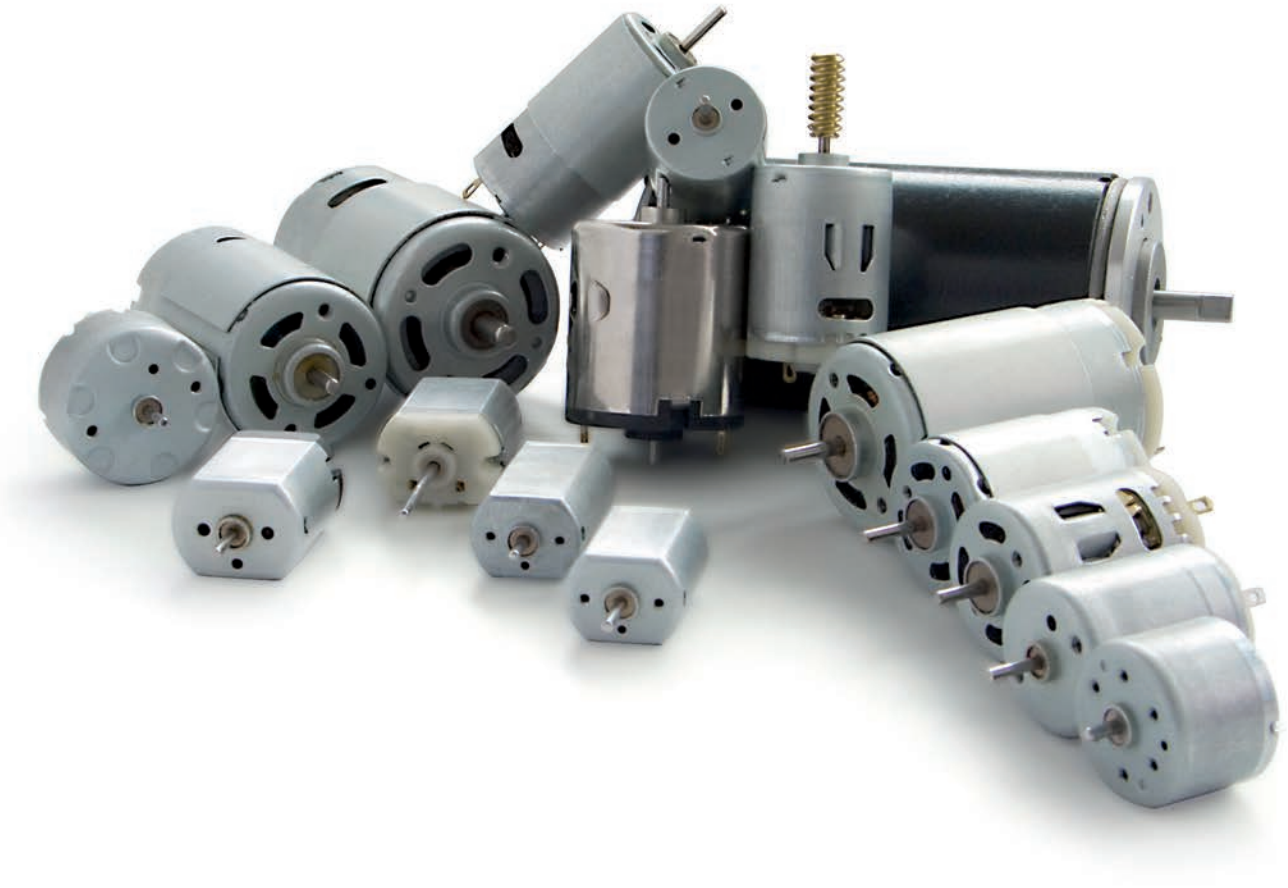
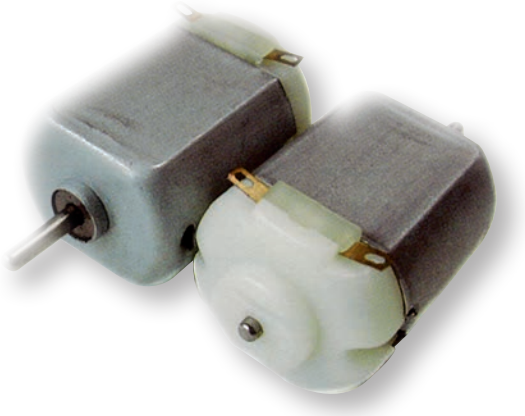
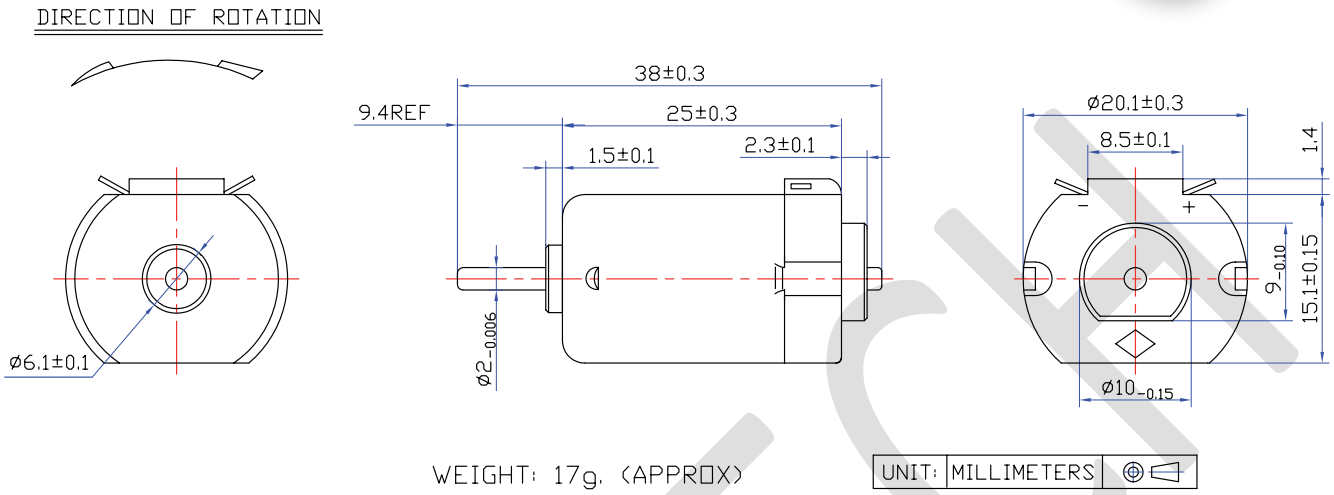
Micromotors



MOTOR TYPE
CX.KF130 Series





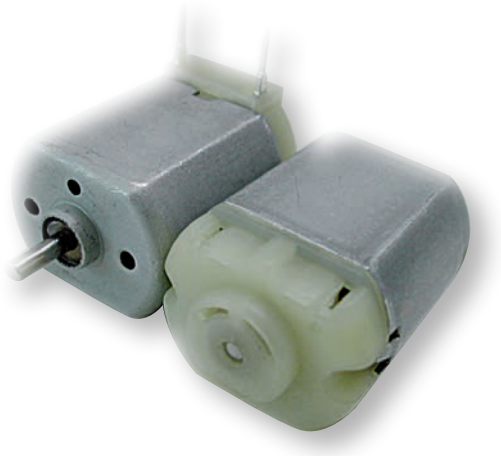
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KF130-2365	1.5-3.0	3.0	18000	0.32	14140	1.17	9.6	1.40	39.9	45	4.28
CX.KF130S-2365	1.5-3.0	3.0	13500	0.28	10880	1.06	11.7	1.30	41.7	60	4.15
CX.KF130-2270	1.5-3.0	3.0	17000	0.30	13309	1.08	9.6	1.30	40.2	44	3.80
CX.KF130S-18100	1.5-4.5	3.0	9300	0.16	7269	0.57	10.6	0.79	46.0	48.5	1.85
CX.KF130S-15160	3.0-5.0	4.5	9000	0.11	6972	0.38	11.9	0.85	50.2	53.0	1.32
CX.KF130-12220	3.0-6.0	3.0	6100	0.055	4420	0.144	3.5	0.16	37.0	12.7	0.38
CX.KF130-10300	3.0-7.2	3.0	3900	0.045	2700	0.102	2.9	0.08	26.6	9.6	0.23
CX.KF130S-08470	4.0-12.0	5.0	3100	0.032	2116	0.069	5.1	0.11	32.0	16	0.15
CX.KF130-08500	3.0-9.0	5.0	4300	0.032	2909	0.067	3.4	0.101	30.3	10.5	0.14
CX.KFC130S-2270	1.5-3.6	3.0	12000	0.30	9282	1.025	12.9	1.23	40.0	57	3.50
CX.KFC130S-14170	4.5-14.0	13.0	19200	0.155	15466	0.642	27.22	4.32	51.7	140	2.66
CX.KFC130S-15160	3.0-6.0	4.5	8800	0.16	6515	0.46	13.3	0.89	43.1	51	1.32
CX.KFC130-15160	3.0-6.0	4.5	11800	0.17	8734	0.48	7.7	0.69	31.5	29.5	1.35
CX.KFC130S-10300	4.5-13.5	12.0	12000	0.085	9050	0.26	14.2	1.31	42.3	58	0.80
CX.KCF130S-09350	6.0-15.0	12.0	10800	0.07	8015	0.20	13.8	1.13	46.9	53.5	0.58
CX.KC130S-08450	6.0-15	12.0	7200	0.055	5156	0.14	12.1	0.64	38.3	42.5	0.35
General Test Tolerance			± 15%								

REMARK: CX.KF130 and CX.KF130S are stamped Metallic Brush Motors.
CX.KFC130 and CX.KFC130S are Carbon Brush Motors

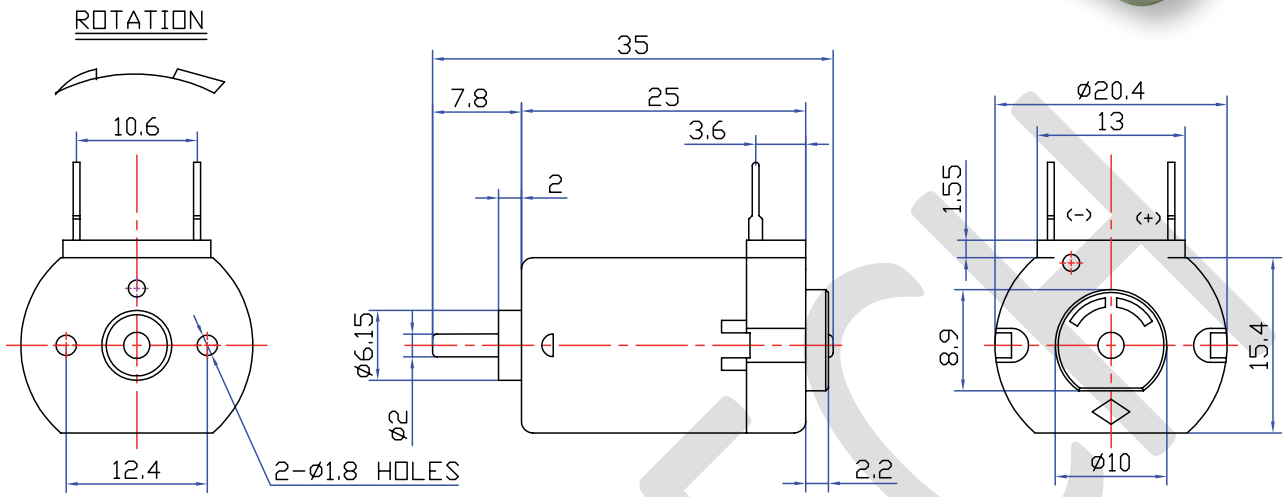
TYPICAL APPLICATIONS:

Massagers, Electric Shavers, Cameras, Radio Control Models, Tooth Brushes, Automotive Mirrors, Toys, Mini Fans.. and more….

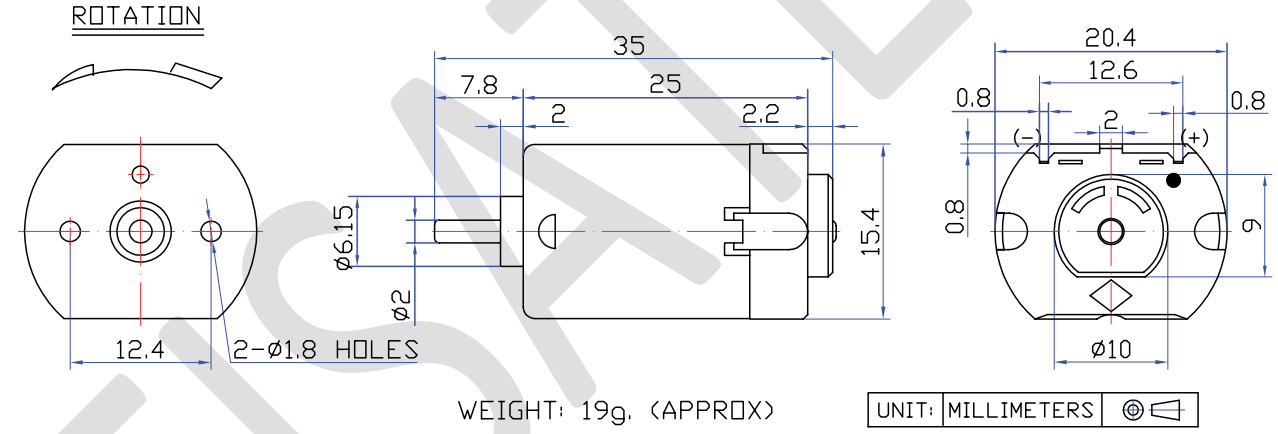
MOTOR TYPE
CX.KFE130/CX.KFP130 Series



CX.KFE130 TYPE WITH MALE TERMINALS



CX.KFP130 TYPE WITH FEMALE TERMINALS



Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KFE130S-09380	6.0-15.0	13.0	8560	0.045	6615	0.153	14.77	1.002	50.4	65	0.52
CX.KFE130S-09350	6.0-15.0	12.0	10800	0.070	8015	0.200	13.8	1.13	46.9	53.5	0.58
General Test Tolerance			± 15%								

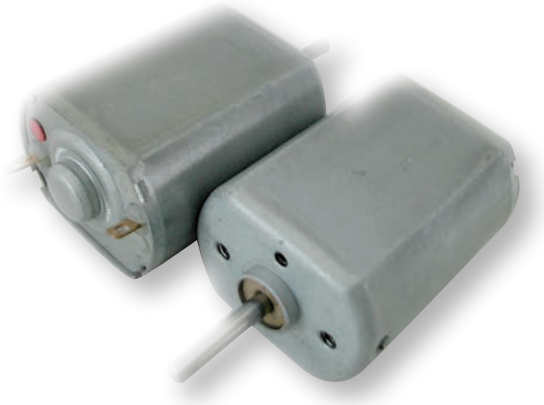
REMARK: KFE130/KFP130 Series are Carbon Brush Motors.

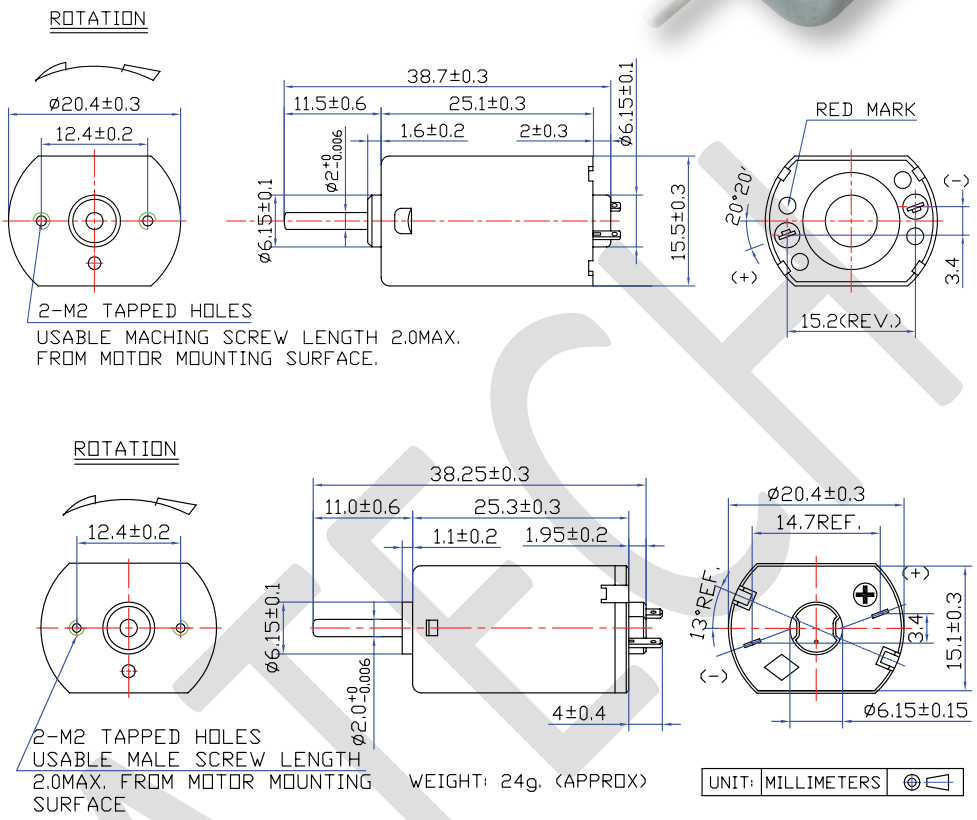
TYPICAL APPLICATIONS:

KFE130/KFP130 are Special Series for Automotive Rearview Mirror Systems or Head Lamp Adjusters.

FISATECH

MOTOR TYPE
CX.KFF130 Series





Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KFF130S-2190	0.7-3.6	3.0	7000	0.115	5685	0.497	14.1	0.82	55.1	75	2.15
CX.KFF130S-17100	1.2-5.0	3.0	6000	0.10	4735	0.374	12.02	0.58	52.0	57	1.40
CX.KFF130S-15155	1.0-5.0	4.5	6800	0.065	5516	0.279	11.89	0.67	53.5	63	1.20
CX.KFF130S-13180	1.0-6.0	3.0	3600	0.045	2782	0.153	8.18	0.23	50.9	36	0.51
CX.KFF130S-12260	1.0-6.0	3.0	2500	0.030	1880	0.095	6.73	0.13	45.5	28	0.30
CX.KFF130S-09350	3.0-12.0	5.0	3000	0.024	2255	0.073	6.95	0.16	44.3	28	0.22
CX.KFF130S-09350	3.0-12.0	12.0	7500	0.028	6093	0.121	12.76	0.80	54.8	68	0.525
CX.KFF130S-08450	2.4-13.8	12.0	5800	0.032	4407	0.101	13.45	0.61	50.1	56	0.32
CX.KFK130SH-12240	9.4-14.5	13	14130	0.100	11179	0.379	22.97	2.634	53.5	110	1.44
CX.KFK130SH-11310	3.0-12	6.0	4800	0.050	3610	0.152	11.41	0.422	46.4	46	0.46
Cx.KFK130SH-09420	6.0-9.0	12.0	7100	0.055	5261	0.157	15.02	0.811	42.9	58	0.45
General Test Tolerance			± 15%								

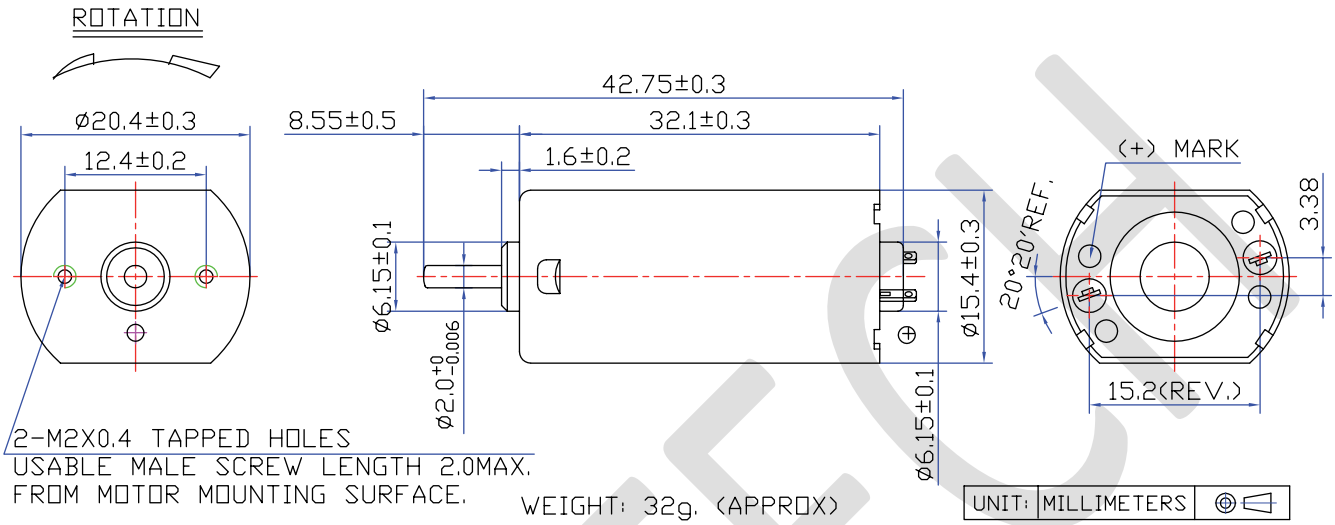
REMARK: KFF130 is precious Metal-Brush Motor –Low Noise Series. KFK130 is Carbon Brush Motor.

TYPICAL APPLICATIONS:

CD Players, Record Players, TVR, Automotive Air Conditioning Dampers & Mirrors, Solar Cell Products and More….

MOTOR TYPE
CX.KFF180 Series





CX.KFF180 is Precious Metal-brush Motor. CX.KFK180 is Carbon-brush Motor.

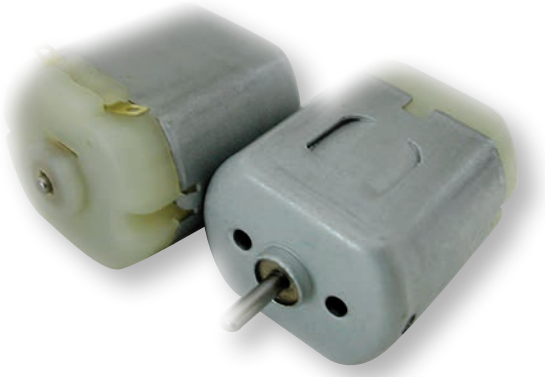
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KFF180S-4022	1.0-1.5	1.2	9000	0.50	7321	2.18	18.66	1.40	53.6	100	9.5
CX.KFF180S-3530	1.0-1.7	1.5	8300	0.32	6657	1.30	15.44	1.05	54.2	78	5.25
CX.KFF180S-3240	1.0-2.4	2.4	10500	0.32	8569	1.42	24.83	2.18	64.0	135	6.3
CX.KFF180S-2760	1.0-3.0	2.4	6800	0.16	5590	0.70	17.44	1.00	60.1	98	3.2
CX.KFF180S-2657	1.0-3.0	2.4	7200	0.16	5901	0.73	16.60	1.01	57.6	92	3.3
CX.KFF180S-2295	1.5-5.0	3.0	5500	0.11	4422	0.45	19.60	0.89	65.7	100	1.85
CX.KFF180S-10300	6.0-13.5	12.0	6780	0.035	5430	0.14	17.08	0.95	56.1	86	0.57
CX.KFF180S-10340	6.0-15.0	12.0	6200	0.032	4968	0.129	17.09	0.871	56.3	86	0.52
CX.KFK180S-2854	2.0-6.0	6.0	17600	0.300	14707	1.525	34.52	5.208	56.9	210	7.75
CX.KFK180S-20100	3.0-9.0	6.0	10000	0.125	8256	0.592	24.42	2.068	58.3	140	4.05
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

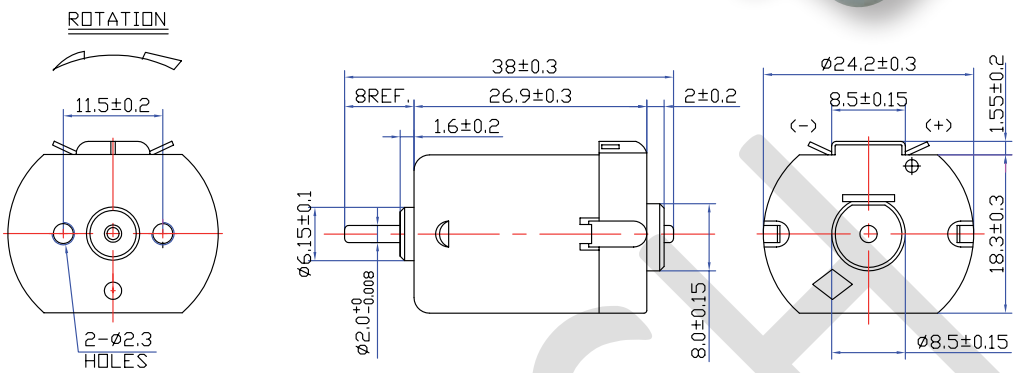
CD Players, Record Players, Electric Shavers, Tooth Brushes and More….

FISATECH

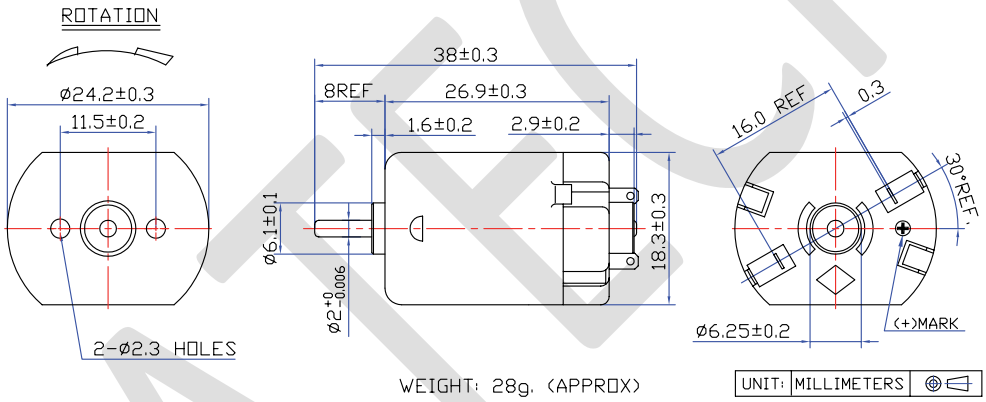
MOTOR TYPE
CX.KF260/CX.KFK260 Series



CX.KF/KFC260
TYPE



CX.KFK260
TYPE



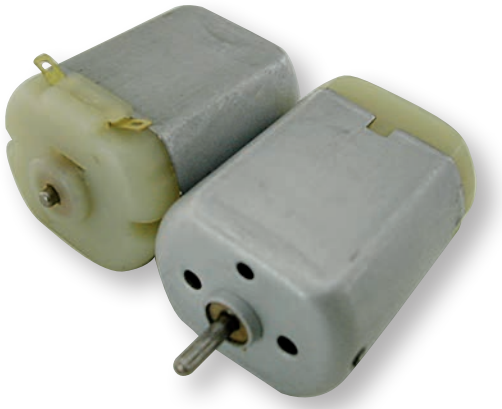
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KF260-2295	1.5-4.5	3.0	9000	0.14	7278	0.59	12.4	0.93	52.3	65	2.5
CX.KF260-21120	1.5-4.5	3.0	7200	0.11	5789	0.45	11.8	0.70	51.6	60	1.85
CX.KF260S-21120	1.5-6.0	4.5	8600	0.12	7091	0.56	20.7	1.51	59.3	118	2.65
CX.KF260S-12240	4.5-9.0	6.0	5700	0.06	4409	0.21	14.0	0.64	51.6	62	0.70
CX.KF260-10380	3.0-9.0	3.0	2150	0.03	1500	0.07	5.6	0.09	41.4	18.5	0.16
CX.KFC260S-2670	3.0-6.0	4.5	14200	0.30	11689	1.40	30.1	3.60	57.4	170	6.5
CX.KFC260S-21120	3.0-7.2	3.0	5800	0.10	4716	0.41	14.6	0.71	56.8	78	1.8
CX.KFC260S-12300	4.5-12.0	6.0	4850	0.06	3708	0.18	13.7	0.52	48.5	58	0.58
CX.KFC260S-10400	6.0-18.0	12.0	6800	0.05	5338	0.16	18.3	1.00	50.7	85	0.60
CX.KFC260S-08500	9.0-18.0	12.0	5600	0.05	4064	0.12	13.7	0.57	40.0	50	0.32
General Test Tolerance			± 15%								

REMARK: **KFP260 Type with Female Terminals for Automotive Applications is Also Available.**
KFC260 & KFK260 are Carbon Brush Motors. KF260 & KF260S are Stamped Metallic Brush Motors.

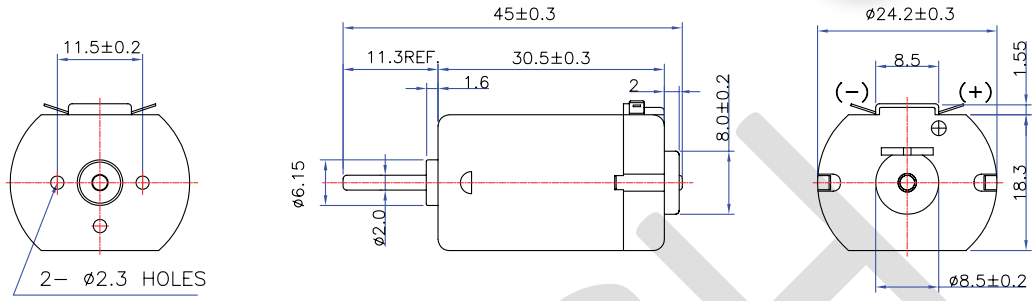
TYPICAL APPLICATIONS:

Automotive Mirrors, Table Cleaners, Toys, Mini Fans, Massagers, Motorized Plastic Sharpeners, and More….

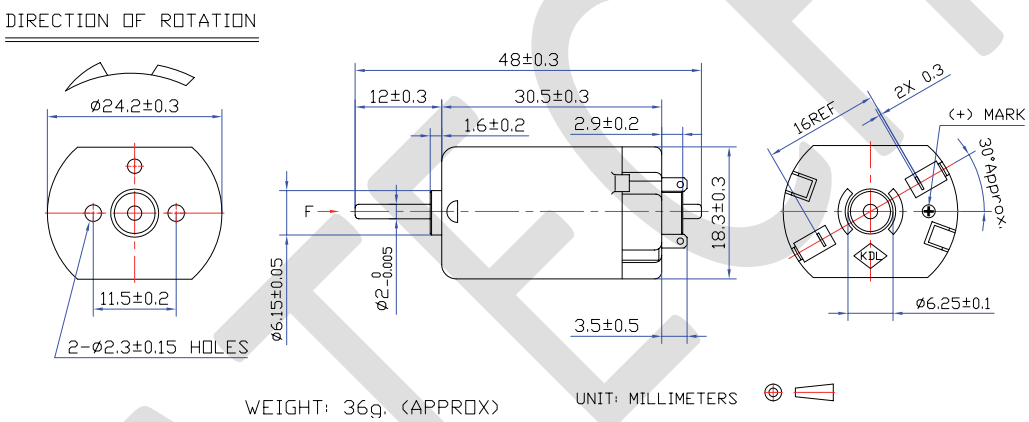
MOTOR TYPE
CX.KF280/CX.KFK280 Series



CX.KF280
TYPE



CX.KFK280
TYPE



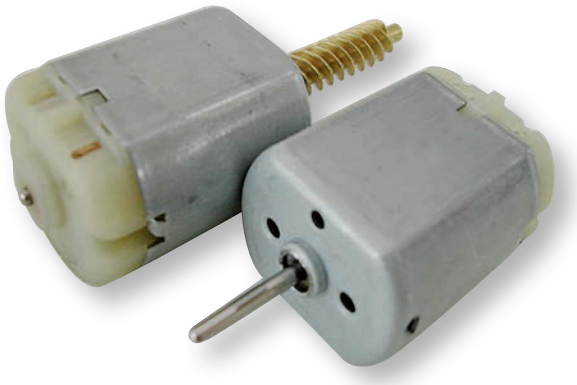
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KFC280S-3552	1.0-3.6	2.4	8100	0.33	6655	1.52	33.0	2.25	61.8	185	7.0
CX.KFC280S-2865	1.5-4.5	4.5	12000	0.25	10070	1.30	35.4	3.66	62.3	220	6.8
CX.KFC280S-2580	3.0-7.5	6.0	13000	0.225	10890	1.16	39.8	4.44	63.7	245	6.0
CX.KFC280S-21130	3.0-13.5	12.0	14000	0.18	11710	0.92	52.4	6.29	57.0	320	4.7
CX.KFC280S-19140	6.0-13.8	12.0	13000	0.13	10500	0.68	47.9	5.16	62.9	300	3.6
CX.KFC280S-18165-	6.0-14.5	13.0	12800	0.110	10743	0.574	44.20	4.87	65.2	275	3.0
CX.KFC280S-15200	6.0-18.0	12.0	9800	0.10	7909	0.41	36.6	2.97	59.2	190	1.75
CX.KFC280S-14250	6.0-24.0	13.0	8100	0.075	6636	0.34	37.97	2.58	58.5	210	1.54
CX.KFK280S-13280	8.0-24.0	18.0	10000	0.07	8705	0.30	38.66	3.21	59.7	204	1.28
CX.KFC280S-12300	9.0-26.8	24.0	12600	0.095	10003	0.37	50.5	5.18	59.0	245	1.41
CX.KFC280S-11340	9.0-30.0	24.0	11800	0.06	9600	0.27	37.2	3.69	56.8	205	1.22
CX.KFC280S-11400	9.0-30.0	12.0	4750	0.04	3722	0.15	23.8	0.91	52.2	110	0.52
CX.KFC280S-10440	9.0-30.0	12.0	4200	0.04	3179	0.14	25.5	0.83	49.5	105	0.44
General Test Tolerance			± 15%								

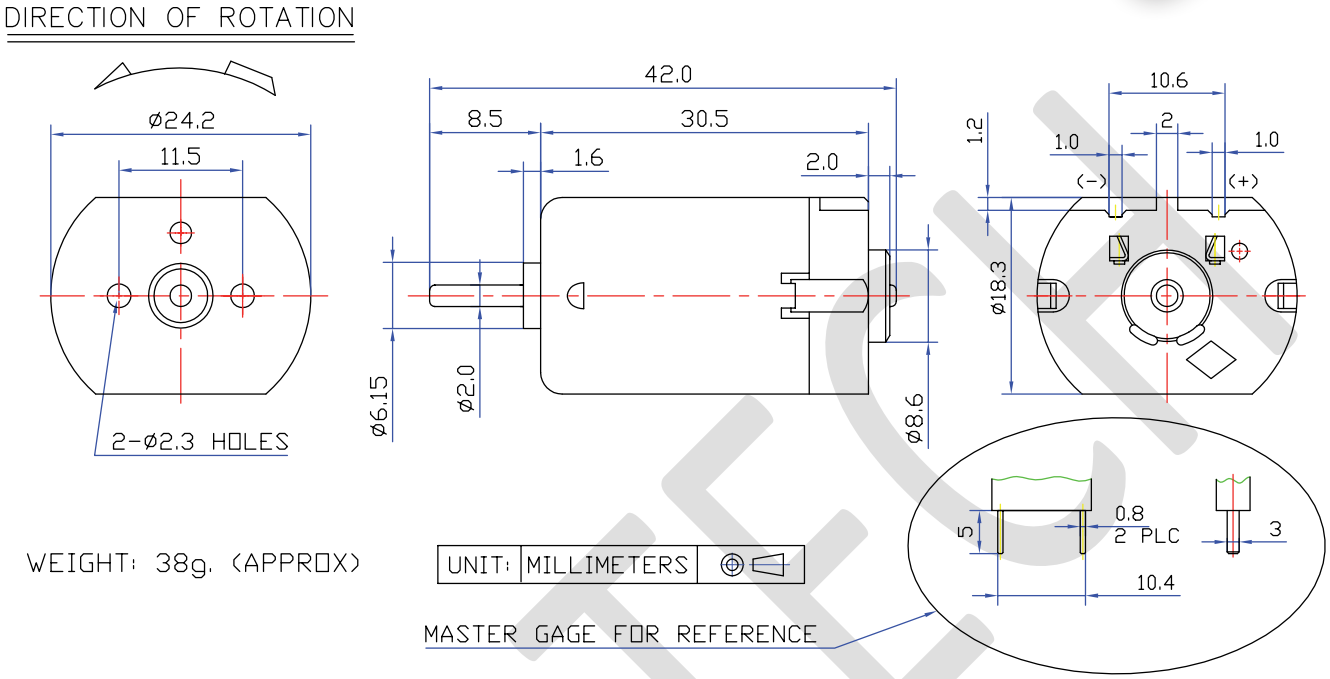
REMARK: **KFK280 Type is also Available.** KFC280 & KFK280 are Carbon Brush Motors.

TYPICAL APPLICATIONS:

Automotive Central Locking Systems & Rearview Mirrors, Massagers, Motorized Plastic Models, Hair Dryers, Radio Control Models, Can Openers, Cleaners and More….

MOTOR TYPE
CX.KFP280 Series





Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KFP280S-21130	7.5-14.5	12.0	14000	0.15	11850	0.84	47.0	5.72	56.8	310	4.7
CX.KFP280S-20150	7.5-15.0	13.5	13700	0.13	11582	0.72	50.4	6.0	61.5	330	4.0
CX.KFP280S-19140	7.5-15.0	12.0	13000	0.13	10924	0.68	47.9	5.37	65.4	300	3.6
CX.KFP280S-18165	7.5-15.0	12.0	11900	0.11	10063	0.60	39.37	4.06	56.2	255	3.3
CX.KFP280S-14250	9.0-24.0	24.0	16500	0.09	13750	0.45	49.17	6.93	64.2	295	2.3
CX.KFP280S-15200	9.0-18.0	12.0	10500	0.09	8560	0.40	32.90	2.89	60.7	178	1.8
General Test Tolerance			± 15%								

REMARK: KFP280S Type is Available with PTC and Varistor for Overload Protection and Electrical Suppression as Customers' Option.

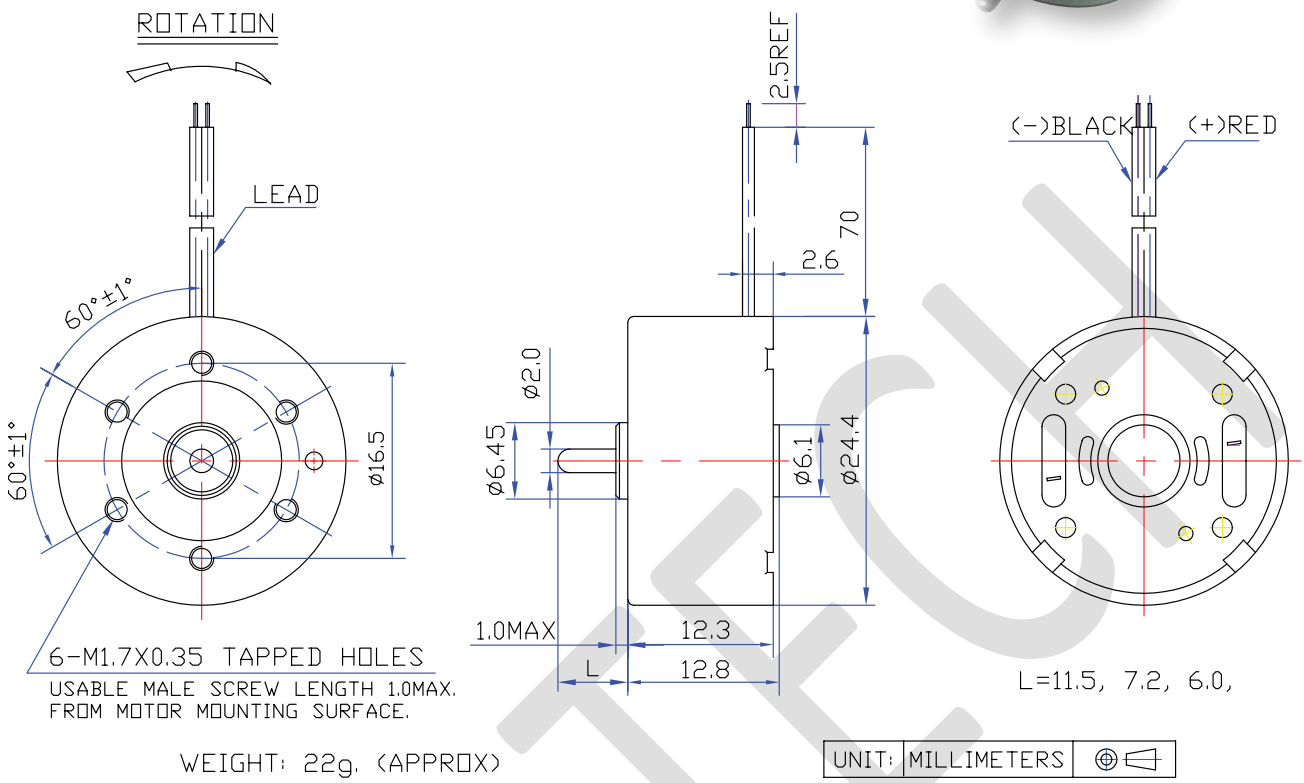
TYPICAL APPLICATIONS:

KFP280S is Special Series for Automotive Door Locking Systems and Rearview Mirrors.

FISATECH

MOTOR TYPE
CX.KR300 Series





Precious Metal-brush Motor

Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KR300-15200	0.5-3.0	0.9	2300	0.045	1669	0.132	2.74	0.05	39.4	10	0.35
CX.KR300-15200	0.5-3.0	3.0	7520	0.055	6059	0.21	6.02	0.38	60.2	31	0.86
CX.KR300-14270	0.8-4.5	1.5	2680	0.03	2070	0.102	3.06	0.07	42.3	13.5	0.34
CX.KR300-14270	0.8-4.5	3.0	5600	0.05	4384	0.18	5.86	0.26	48.7	27	0.65
CX.KR300-13300	1.5-6.0	6.0	10500	0.06	8506	0.213	8.74	0.76	59.5	46	0.91
CX.KR300-12350	0.7-5.0	4.0	5950	0.035	4664	0.127	5.84	0.28	55.0	27	0.465
CX.KR300-11400	0.7-5.0	2.5	3200	0.022	2431	0.070	3.60	0.09	51.7	15	0.225
CX.KR300-11400	0.7-5.0	3.0	3850	0.023	2980	0.079	4.01	0.12	52.6	18	0.27
CX.KR300-10440	1.0-5.0	3.0	3200	0.022	2450	0.070	3.57	0.09	42.3	15	0.22
CX.KR300-10500	1.0-6.0	5.0	5650	0.030	4341	0.099	5.56	0.25	49.8	24	0.33
CX.KR300-09580	1.5-9.0	3.0	2700	0.015	2015	0.044	3.04	0.06	47.5	12	0.12
CX.KR300-09580	1.5-9.0	5.0	4300	0.019	3323	0.065	4.77	0.16	50.3	21	0.22
CX.KR300-09580	1.5-9.0	8.0	6850	0.029	5284	0.098	7.09	0.38	49.1	31	0.33
CX.KR300-08640	1.2-9.0	4.5	3600	0.017	2665	0.048	3.51	0.10	44.0	13.5	0.14
General Test Tolerance			± 15%								

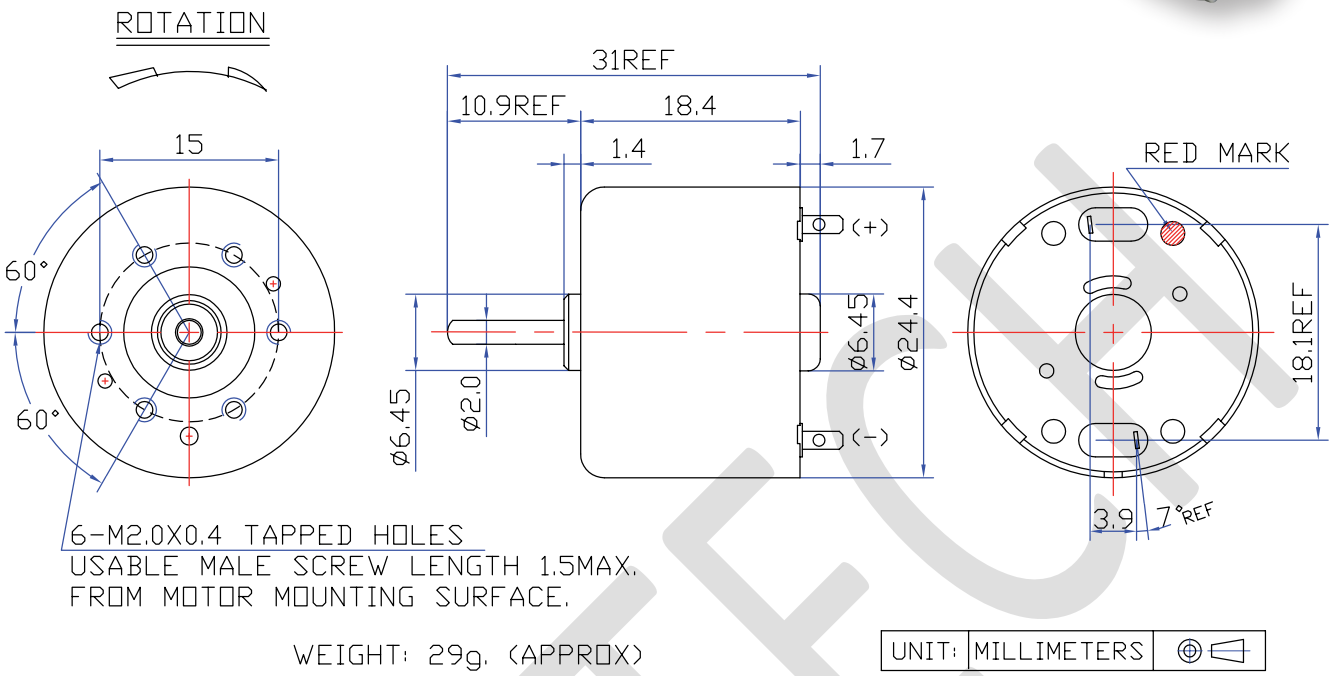
TYPICAL APPLICATIONS:

Vibration Joy Pads, CD Players, Record Players, Mini Fans, Air Fresheners, Solar Cell Products and More….

FISATECH

MOTOR TYPE
CX.KR310/CX.KR320 Series





Precious Metal-brush Motor

Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KR310-11400	1.0-6.0	2.5	2750	0.017	2150	0.060	3.2	0.07	48.6	16	0.23
CX.KR310-11400	1.0-6.0	6.0	6800	0.025	5605	0.117	6.33	0.36	51.7	36	0.55
CX.KR310-10440	1.0-6.0	3.5	3600	0.018	2806	0.064	4.08	0.12	52.7	18.5	0.23
CX.KR310-10440	1.0-6.0	6.0	6400	0.022	5214	0.097	5.75	0.31	53.0	31	0.42
CX.KR320-16170	0.5-3.0	1.5	3250	0.05	2529	0.175	5.44	0.14	53.6	24.5	0.62
CX.KR320-16170	0.5-3.0	3.0	6340	0.065	5139	0.278	9.28	0.49	58.6	49	1.20
CX.KR320-13330	1.0-6.0	3.0	3200	0.025	2570	0.103	6.4	0.17	55.0	33	0.43
CX.KR320-12400	1.0-6.0	3.0	2700	0.018	2142	0.069	5.38	0.12	57.0	26	0.27
CX.KR320-12400	1.0-6.0	6.0	5400	0.025	4429	0.114	9.53	0.44	63.6	53	0.53
CX.KR320-11360	1.0-5.0	3.0	3800	0.026	3020	0.101	4.10	0.13	42.1	20	0.39
CX.KR320-11470	1.5-6.0	3.0	2300	0.018	1770	0.060	5.1	0.09	51.2	22	0.21
CX.KR320-10540	1.5-7.2	2.5	1600	0.015	1201	0.045	3.74	0.05	40.8	15	0.14
CX.KR320-10540	1.5-7.2	6.0	4000	0.020	3205	0.081	7.55	0.25	51.3	38	0.33
CX.KR320-08640	1.5-12.0	3.0	1600	0.011	1175	0.030	2.79	0.03	36.9	10.5	0.08
CX.KR320-08640	1.5-12.0	12.0	6800	0.025	5324	0.090	9.99	0.55	50.4	46	0.33
CX.KR320-07800	4.5-12.0	12.0	5400	0.012	4249	0.044	6.94	0.30	56.6	35	0.18
General Test Tolerance			± 15%								

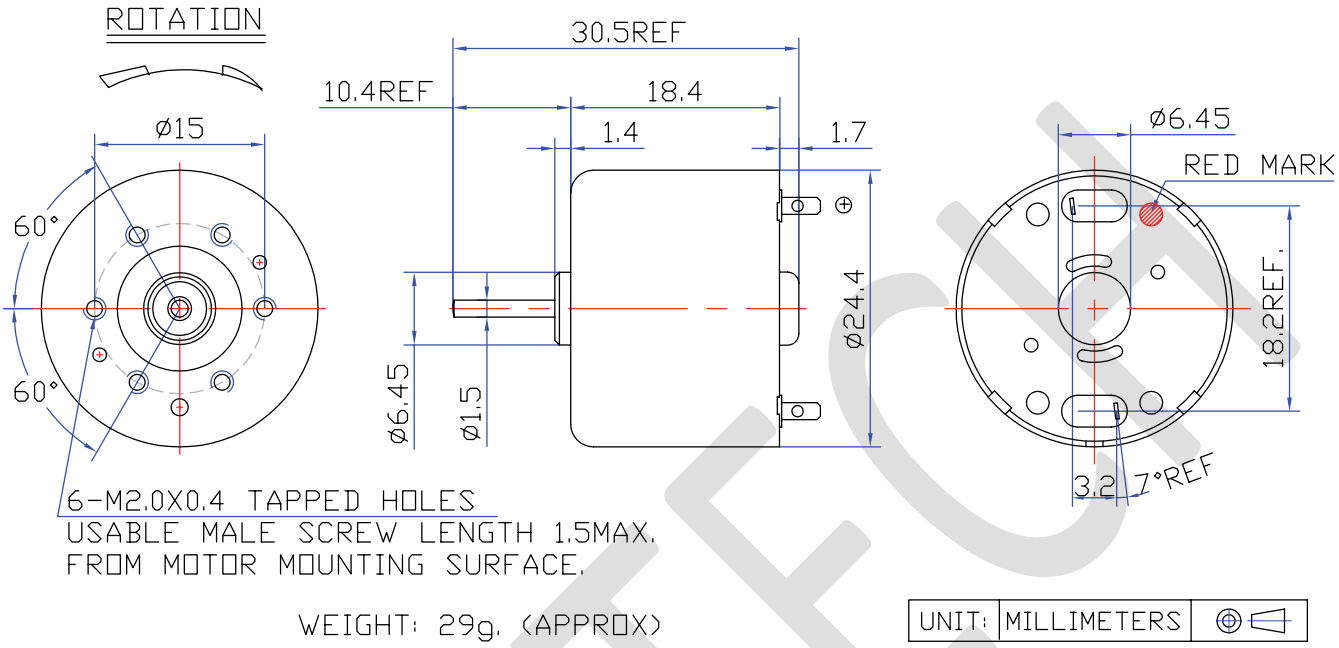
TYPICAL APPLICATIONS:

CD Players, Record Players, Mini Fans, Gear Boxes, Air Fresheners, Solar Cell Products and More….

FISATECH

MOTOR TYPE
CX.KR330 Series





Precious Metal-brush Motor

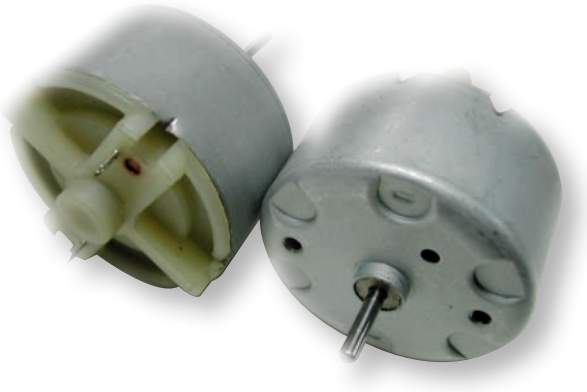
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KR330-13250	1.0-3.0	1.5	2100	0.02	1637	0.071	2.87	0.048	45.4	13	0.252
CX.KR330-13250	1.0-3.0	2.2	3200	0.022	2559	0.088	4.21	0110	57.2	21	0.352
CX.KR330-11360	2.0-6.0	3.4	3300	0.018	2642	0.072	4.59	0.124	50.6	23	0.288
*CX.KR330-11350	1.0-3.0	1.5	2170	0.017	1619	0.050	2.03	0.034	45	8	0.147
CX.KR330-09500	2.0-9.0	4.5	3400	0.012	2731	0.049	4.53	0.127	57.5	23	0.200
*CX.KR330-07800	1.0-2.0	1.5	800	0.006	537	0.012	0.85	0.005	25.6	2.6	0.025
CX.KR330-07800	4.5-13.5	6.0	2600	0.0010	2000	0.030	4.27	0.088	48.7	18.5	0.010
CX.KR330-07800	4.5-13.5	12.0	5300	0.012	4249	0.044	6.94	0.302	56.6	35	0.180
General Test Tolerance			± 15%								

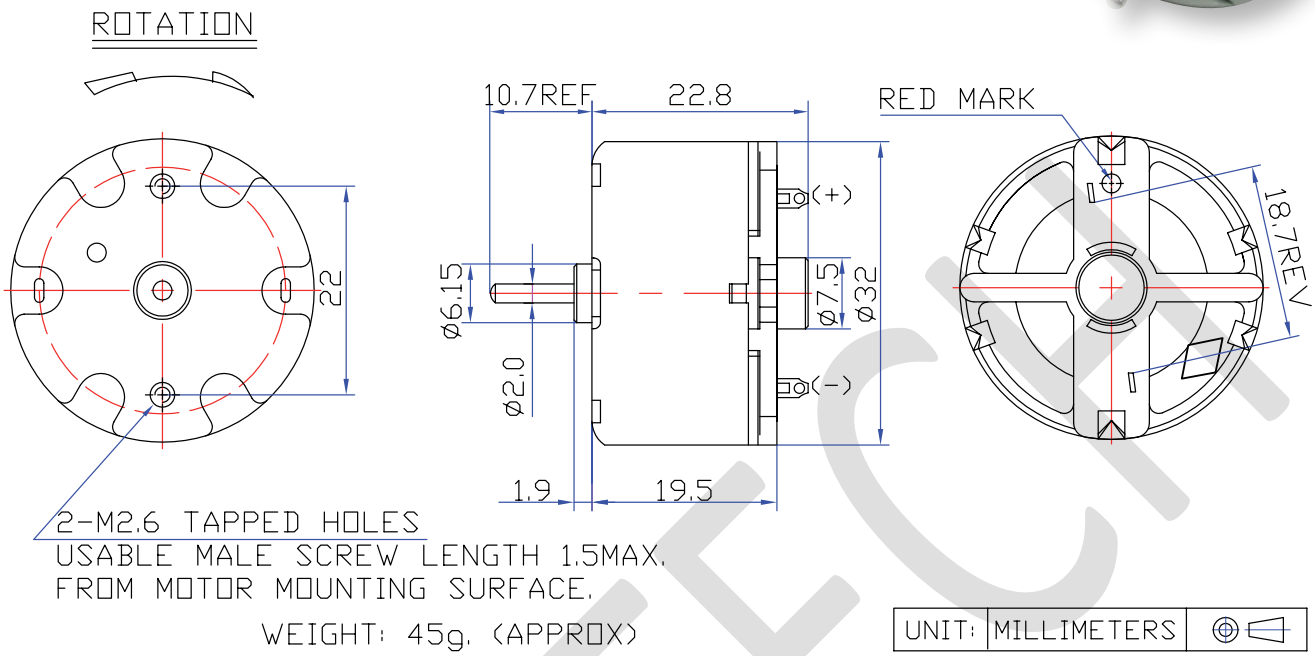
REMARK: KR330-11350 & KR330-07800 (1.0-2.0V.) are Special Models for Air Freshener (Low Current and Long Life).

TYPICAL APPLICATIONS:

CD Players, Record Players, Mini Fans, Gear Boxes, Air Fresheners, Solar Cell Products and More….

MOTOR TYPE
CX.KR500 Series





Precious Metal-brush Motor

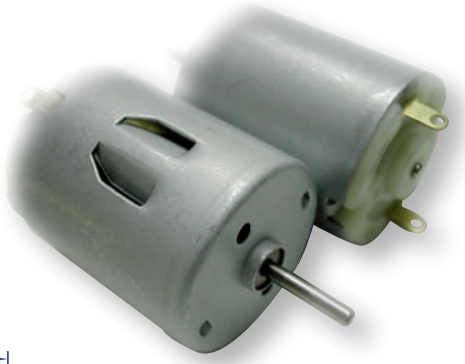
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KR500-20250	0.5-6.0	3.0	2900	0.045	2355	0.194	15.8	0.38	65.4	84	1.05
CX.KR500-18280	1.0-6.0	1.5	1350`	0.025	1074	0.097	6.7	0.07	50.8	33	0.38
CX.KR500-18280	1.0-6.0	3.0	2800	0.035	2261	0.162	12.4	0.29	59.3	70	0.75
CX.KR500-18280	1.0-6.0	6.0	5400	0.055	4515	0.255	19.7	0.91	59.6	120	1.35
CX.KR500-14415	1.5-7.2	1.5	900	0.016	690	0.051	4.5	0.03	41.8	18.5	0.16
CX.KR500-14415	1.5-7.2	3.0	1800	0.020	1391	0.077	7.6	0.11	46.6	37	0.31
CX.KR500-14415	1.5-7.2	6.0	3800	0.028	3136	0.132	14.9	0.48	60.2	85	0.63
CX.KR500-12560	1.5-9.0	1.5	630	0.015	440	0.036	4.1	0.02	35.2	14	0.09
CX.KR500-12560	1.5-9.0	3.0	1240	0.016	950	0.052	7.6	0.07	47.2	32	0.17
CX.KR500-12560	1.5-9.0	6.0	2750	0.020	2236	0.078	12.2	0.28	59.4	65	0.34
CX.KR500-12560A	3.0-12.0	12.0	5600	0.030	4603	0.139	20.5	0.97	58.1	115	0.63
CX.KR500-10840	6.0-15.0	12.0	3750	0.030	2849	0.095	19.2	0.56	49.3	80	0.30
CX.KR500-071000	6.0-15.0	6.5	1575	0.010	1192	0.031	7.9	0.10	47.7	32.5	0.10
CX.KR500-071000	6.0-15.0	12.0	3000	0.015	2330	0.052	13.4	0.32	51.0	60	0.18
General Test Tolerance			± 10%								

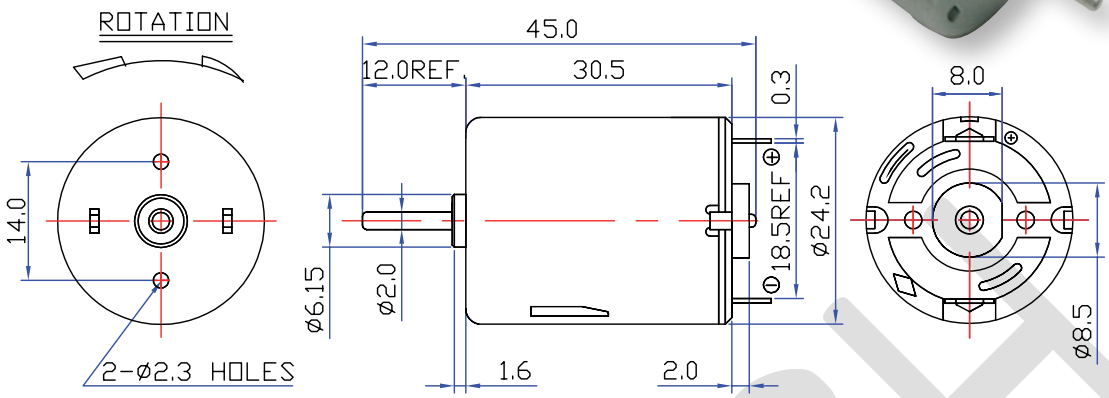
REMARK: KR500 is precious Metal-Brush Motor –Low Noise Series.

TYPICAL APPLICATIONS:

CD Players, Record Players, Mini Fans, Air Fresheners, Solar Cell Products and More….

MOTOR TYPE
CX.KR280 - CX.KC280 Series





WEIGHT: 45g. (APPROX)

UNIT: MILLIMETERS

Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KR280-2865	1.5-3.0	3.0	9600	0.22	7880	1.01	22.4	1.81	59.7	125	4.7
CX.KR280S-2865	1.5-4.5	3.0	7000	0.20	5790	0.96	28.1	1.67	58.0	163	4.7
CX.KR280-18160	3.0-9.0	3.0	3700	0.07	2875	0.24	12.3	0.36	49.4	55	0.85
CX.KR280-18160	3.0-9.0	6.0	7500	0.09	6097	0.39	21.0	1.31	55.8	112	1.70
CX.KC280S-3155	3.0-6.0	4.5	12000	0.30	10100	1.60	42.7	4.42	61.6	270	8.5
CX.KC280-2865	3.0-7.2	4.5	13800	0.28	11472	1.38	27.8	3.28	52.7	165	6.8
CX.KC280S-2865	3.0-7.2	4.5	10200	0.25	8549	1.30	37.2	3.27	53.1	230	6.8
CX.KC280S-2675	2.4-7.2	4.5	9000	0.20	7433	0.95	32.2	2.46	57.5	185	4.5
CX.KC280S-2485	3.0-7.2	6.0	10600	0.20	8833	1.00	40.0	3.62	60.4	240	5.0
CX.KC280S-21120	3.0-7.2	6.0	7800	0.15	6344	0.65	34.5	2.25	57.3	185	2.85
*CX.KC280S-21130	6.0-15.0	12	14700	0.140	12536	0.81	48.6	6.25	64.2	330	4.85
CX.KC280S-18145	3.0-12.0	6.0	7000	0.12	5650	0.50	29.9	1.73	57.5	155	2.1
CX.KC280S-15180	4.5-15.0	12.0	10800	0.10	8920	0.47	35.7	3.27	57.4	205	2.25
CX.KC280S-15200	4.5-15.0	12.0	9500	0.09	7788	0.39	35.1	2.81	60.5	195	1.76
*CX.KC280S-14250	6.0-24.0	24.0	14800	0.09	12435	0.45	52.7	6.73	62.7	330	2.25
CX.KC280S-12300	9.0-30.0	12.0	6400	0.05	5168	0.21	27.3	1.45	57.6	142	0.88
CX.KC280S-12300	9.0-30.0	24.0	12500	0.07	10456	0.33	45.8	4.91	61.6	280	1.70
CX.KC280S-10350	4.5-24.0	12.0	5150	0.040	4054	0.15	22.4	0.99	52.4	105	0.55
CX.KC280S-09400	6.0-24.0	12.0	4600	0.035	3588	0.11	18.3	0.67	50.9	83	0.39
CX.KC280S-09400	6.0-24	24	9500	0.04	7812	0.16	28.8	2.31	59.3	162	0.75
CX.KC280S-09440	6.0-24.0	12.0	4500	0.04	3363	0.12	19.2	0.66	46.6	76	0.35
CX.KC280S-09450	6.0-36.0	35.0	12000	0.038	9906	0.18	36.7	3.72	59.2	210	0.85
CX.KC280S-08500	9.0-30.0	12.0	3700	0.03	2762	0.088	16.5	0.47	44.1	65	0.26
General Test Tolerance			± 15%								

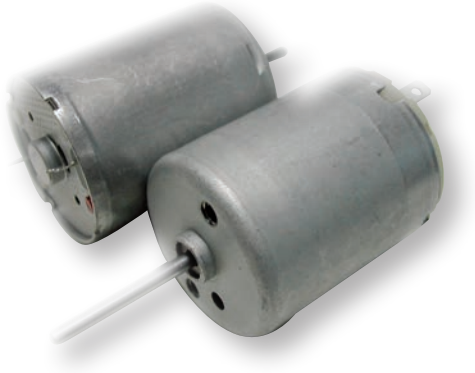
REMARK: KR280 & KR280S are Stamped Metallic Brush Motors. KC280 & KC280S are Carbon Brush Motors.

TYPICAL APPLICATIONS:

Massagers, Mini Fans, Hair Dryers, Motorized Plastic Models, Radio Control Models, Cleaners and More….

*KC280S-21130 & KC280S-14250 are Special Models for Automotive Door Locking System.

MOTOR TYPE
CX.KR370H/CX.KR370 Series



Precious Metal-brush Motor

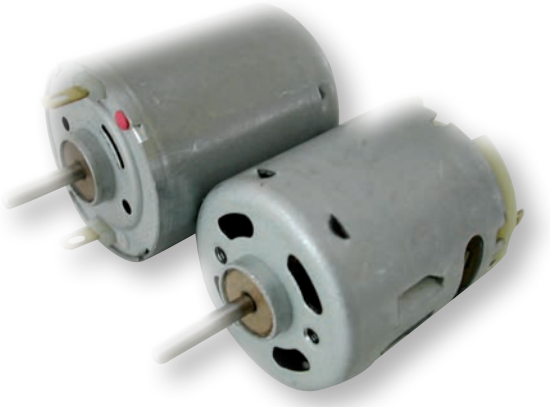
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KR370H-22170	1.5-6.0	6.0	6000	0.055	5255	0.363	22.32	1.311	60.1	185	2.40
CX.KR370H-17315	2.4-9.0	6.0	3250	0.035	2688	0.167	19.89	0.548	54.6	115	0.80
CX.KR370H-17315	2.4-9.0	9.0	4900	0.040	4150	0.419	27.02	1.148	58.2	175	4.39
CX.KR370H-15370	3.0-13.5	12.0	5500	0.028	4712	0.167	25.80	1.247	62.1	180	1.00
CX.KR370H-12560	4.0-13.5	12.0	3700	0.020	3067	0.097	21.89	0.689	59.2	128	0.47
CX.KR370H-11670	6.0-14.0	12.0	3060	0.016	2501	0.072	20.10	0.516	60.0	110	0.33
CX.KR370-11640	4.0-15.0	13.0	3250	0.015	2705	0.074	20.95	0.581	60.0	125	0.37
CX.KR370-11660A	4.0-15.0	11.0	2800	0.014	2316	0.067	19.37	0.460	62.5	112	0.32
CX.KR370-10750	6.0-18.0	13.0	2800	0.013	2284	0.058	18.42	0.432	57.7	100	0.26
CX.KR370-08780	6.0-30.0	12.0	2500	0.010	1994	0.039	13.17	0.269	57.0	65	0.15
CX.KR370-08780	6.0-30.0	24.0	5100	0.015	4180	0.068	24.34	1.044	63.8	135	0.31
General Test Tolerance			± 15%								

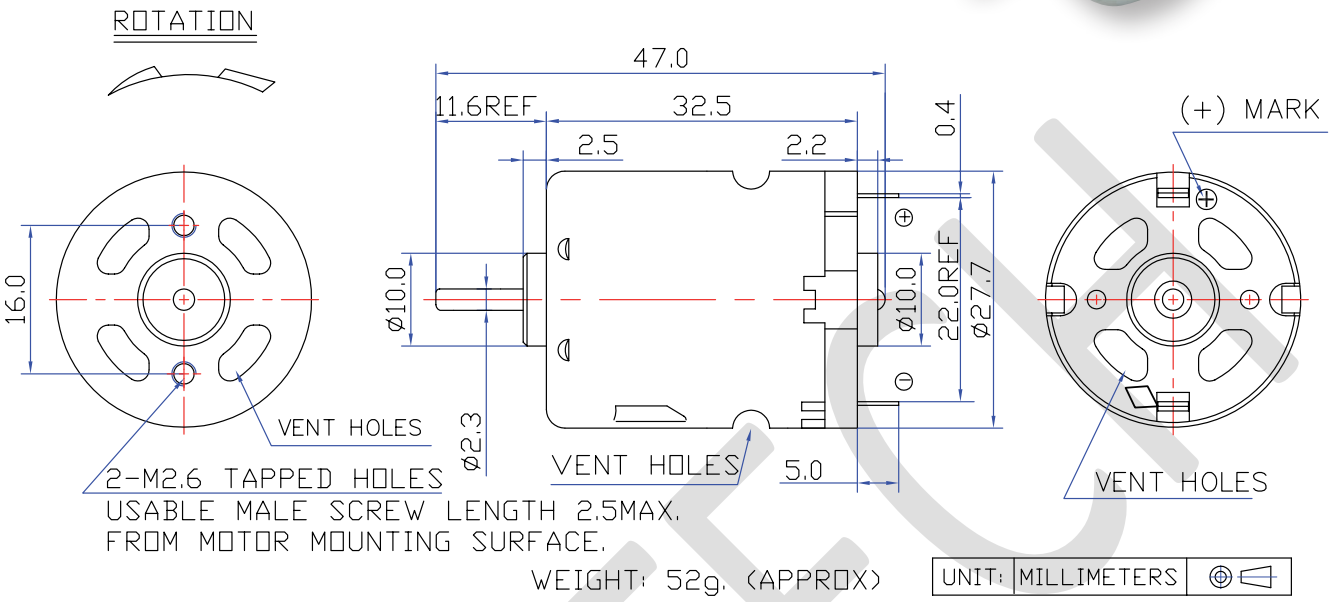
TYPICAL APPLICATIONS:

Automotive Air Conditioning Damper Actuators, CD or VCD Players, Blood Pressure Meters, Aquarium Air Pumps and More...

FISATECH

MOTOR TYPE
CX.KC360 Series





PMDC Carbon-brush Motor (KC360SH type with metal end-cap is also available)

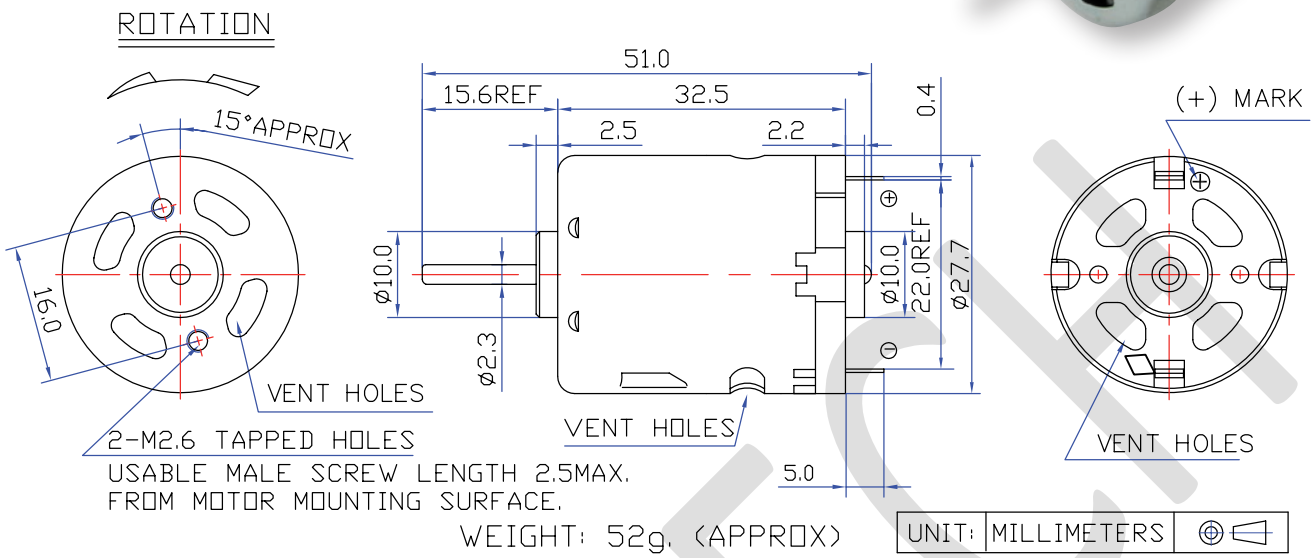
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC360S-5022	1.2-5.0	3.6	22200	1.30	18514	6.53	69.7	13.2	56.3	420	32.8
CX.KC360S-3548	2.4-9.0	9.0	25000	0.80	20696	3.85	89.5	19.0	54.9	520	18.5
CX.KC360S-3353	3.6-7.2	6.0	16500	0.60	13627	2.85	72.3	1.10	59.1	415	13.5
CX.KC360S-3165	1.2-6.0	2.4	5000	0.30	4008	1.21	37.7	1.55	53.2	190	4.7
CX.KC360S-3165	1.2-6.0	3.6	8500	0.39	6877	1.65	50.6	3.57	60.0	265	7.0
CX.KC360S-2985H	3.0-12.0	5.0	8600	0.27	7158	1.34	57.0	4.19	62.5	340	6.7
CX.KC360S-2885	3.0-9.0	7.2	12750	0.33	10660	1.69	59.0	6.45	53.2	360	8.0
CX.KC360S-25110	3.0-13.5	6.0	8350	0.22	6914	1.06	55.0	3.90	61.4	320	5.1
CX.KC360S-14270	7.2-30.0	12.0	6500	0.085	5196	0.34	42.7	2.28	56.0	213	1.35
CX.KC360S-12350	7.2-30.0	12.0	5200	0.065	4047	0.23	33.3	1.38	50.5	150	0.80
CX.KC360S-10500	9.0-30.0	12.0	3500	0.055	2593	0.157	31.1	0.80	43.8	120	0.45
CX.KC360S-10500	9.0-30.0	24.0	7200	0.06	5682	0.22	48.5	2.83	52.5	230	0.84
CX.KC360S-09600	9.0-35.0	12.0	2800	0.045	1994	0.11	24.5	0.5	37.5	85	0.275
CX.KC360S-09600	9.0-35.0	24.0	5700	0.060	4285	0.182	44.7	1.96	45.0	180	0.55
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Automatic Vending Machines, Printer, Massagers, Radio Control Models, Water Pumps, Can Openers, Electric Saws, Satellite Aerial Controllers, Electric Power Hand Tools, Automotive Central Locking Systems, and More….

MOTOR TYPE
CX.KC365 Series





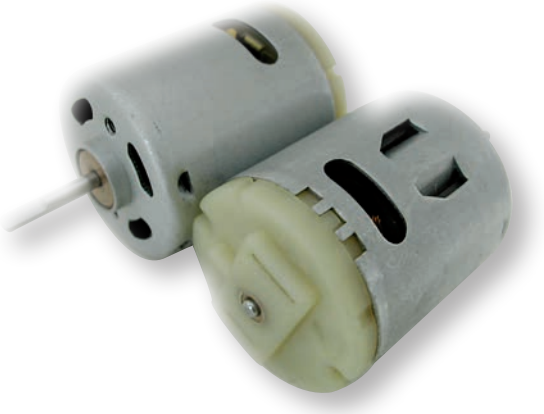
PMDC Carbon-brush Motor (KC365SH type with metal end-cap is also available)

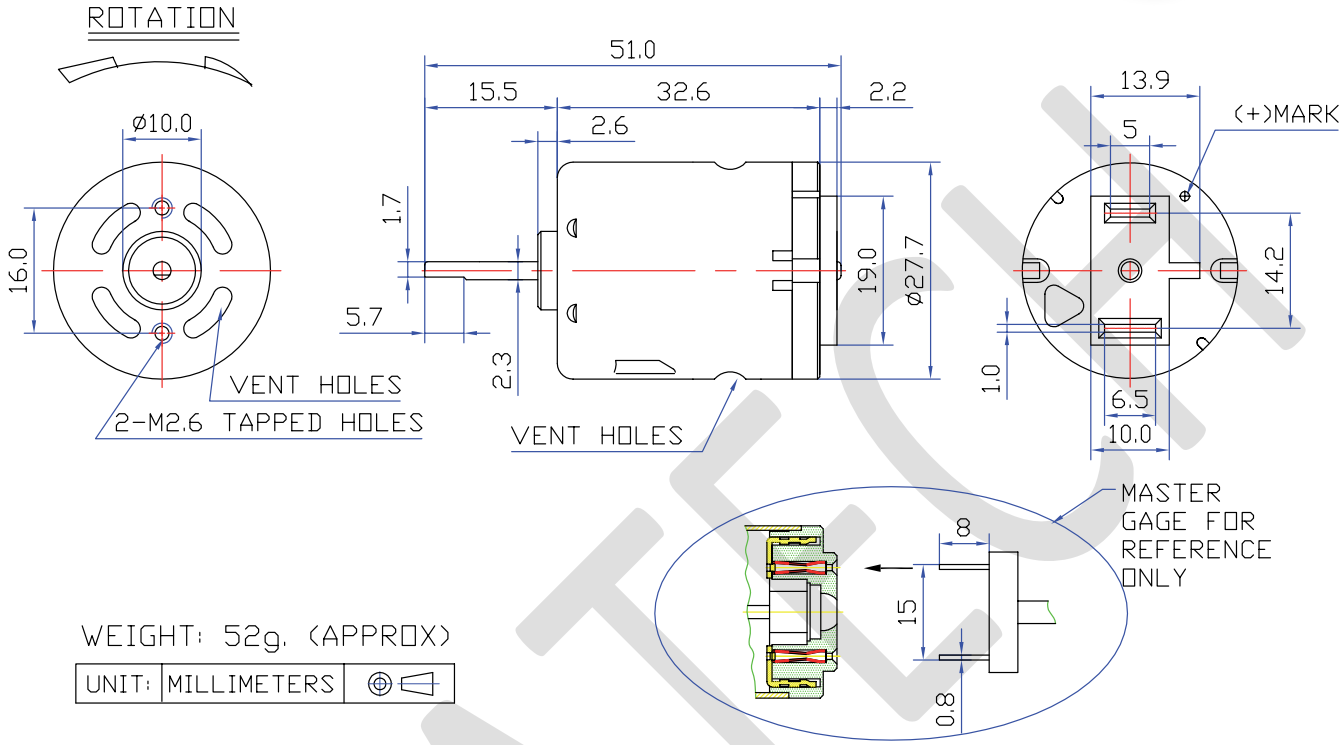
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC365S-3133	4.5-9.0	4.5	11500	0.45	9213	1.81	47.7	4.51	55.3	240	7.3
CX.KC365S-3133	4.5-9.0	6.0	15500	0.45	12800	2.12	59.5	7.80	61.3	340	10.0
CX.KC365S-2842	6.0-14.5	13.5	28100	0.50	23376	2.47	87.4	20.96	62.8	520	12.4
CX.KC365H-2557	6.0-13.5	12.0	23600	0.31	19356	1.41	49.45	9.82	57.9	275	6.45
CX.KC365S-2547	6.0-13.5	13.5	25000	0.43	20453	1.91	72.75	15.26	59.1	400	8.8
CX.KC365S-2080	4.5-24.0	12.0	12800	0.25	10265	1.01	65.35	6.88	56.6	330	4.1
CX.KC365S-1980	9.0-24.0	24.0	25300	0.30	20708	1.35	95.29	20.24	62.3	525	6.1
CX.KC365S-1885T	6.0-20.0	12.0	12300	0.20	9759	0.77	51.65	5.17	56.1	250	2.95
CX.KC365S-1885T	6.0-20.0	18.0	18800	0.21	15351	0.94	66.05	10.40	61.8	360	4.3
CX.KC365S-15120	6.0-30.0	12.0	8000	0.12	6280	0.44	43.0	2.77	52.7	200	1.6
CX.KC365S-15120	9.0-30.0	24.0	16500	0.16	13485	0.72	69.4	9.60	55.9	380	3.2
CX.KC365S-14140	9.0-30.0	24.0	14500	0.12	11700	0.502	62.70	7.53	62.5	325	2.1
CX.KC365S-12180	9.0-32.0	30.0	14200	0.10	11360	0.40	57.00	6.64	55.3	285	1.6
CX.KC365SH-10210	9.0-30.0	12.0	4300	0.05	3216	0.15	25.2	0.83	46.7	100	0.44
CX.KC365S-10210	9.0-30.0	24.0	11000	0.085	8517	0.29	40.63	3.55	50.7	180	1.0
CX.KC365S-10250	12.0-30.0	12.0	4100	0.05	3009	0.14	22.63	0.70	42.2	85	0.38
CX.KC365S-10250	12.0-30.0	24.0	8100	0.07	6150	0.22	42.04	2.65	50.0	175	0.7
CX.KC365SH-10250	9.0-30.0	24.0	7750	0.07	5908	0.22	46.4	2.81	52.1	195	0.72
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Hair Dryers, Mini Fan, Massagers, Radio Control Models, Water Pumps, Central Locking Systems, Can Openers, Electric Saws, Satellite Aerial Controllers, Electric Power Hand Tools, Automotive Windows & Washer Pumps, and More….

MOTOR TYPE
CX.KP365 Series





Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KP365S-1980	9.0-24.0	24.0	25300	0.30	20708	1.35	95.3	20.24	62.3	525	6.1
CX.KP365S-2842	6.0-13.8	13.5	28100	0.50	23376	2.47	87.4	20.96	62.8	520	12.2
CX.KP365S-2547	6.0-13.5	13.5	25000	0.43	20453	1.91	72.8	15.26	59.1	400	8.6
CX.KP365H-2557	6.0-13.5	13.5	26500	0.33	21840	1.55	54.5	12.21	58.5	310	6.45
CX.KC360S-3165	1.2-6.0	3.6	8500	0.39	6877	1.65	50.6	3.57	60.0	265	7.0
CX.KC360S-2985H	3.0-12.0	5.0	8600	0.27	7158	1.34	57.0	4.19	62.5	340	6.7
General Test Tolerance			± 15%								

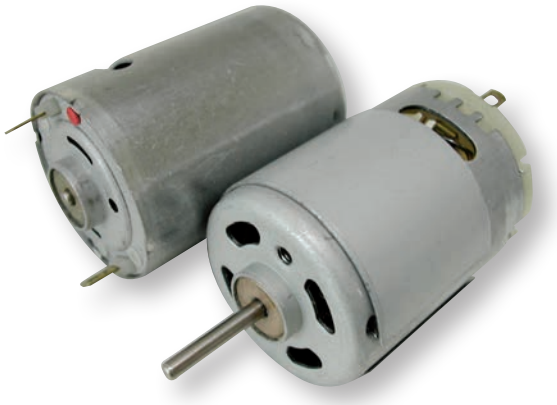
REMARK: KP365 series is Carbon Brush Motor with Plug-in Terminals.

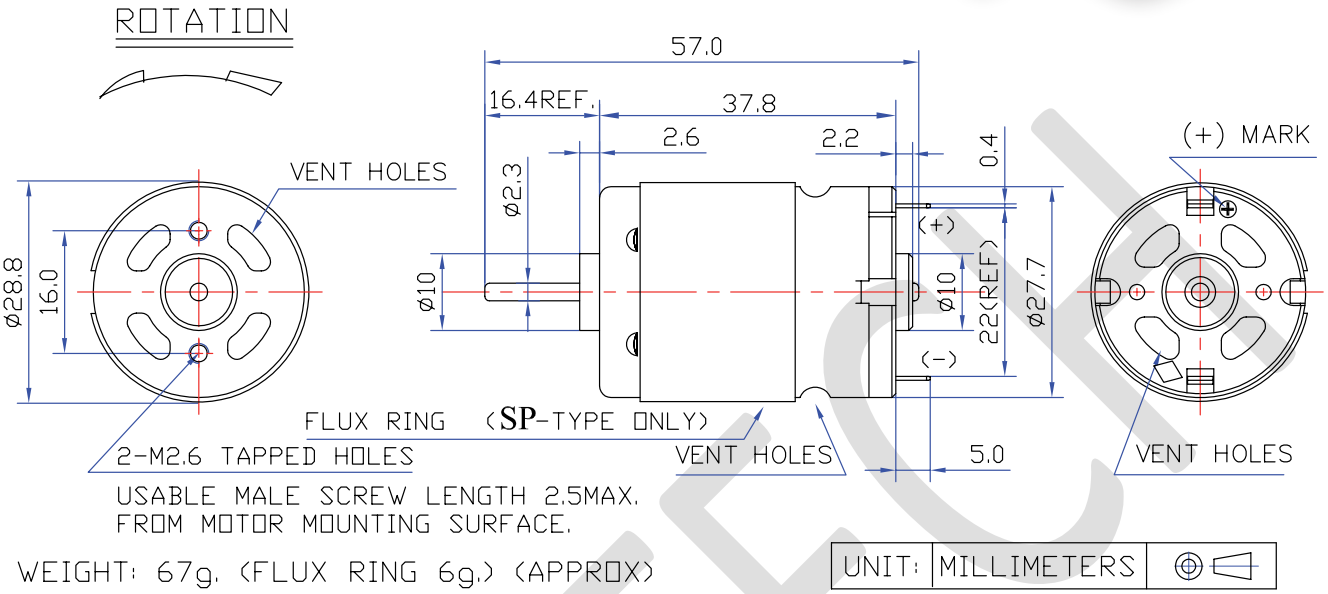
TYPICAL APPLICATIONS:

Automotive Windshield Washer Pumps.

FISATECH

MOTOR TYPE
CX.KC380 Series





PMDC Carbon-brush Motor (KC380SH type with metal end-cap is also available)

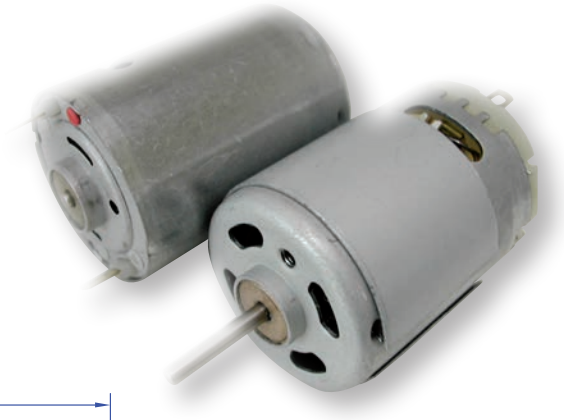
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC380SP-6516	1.2-3.6	2.4	14500	1.50	11850	6.71	74.93	9.11	56.6	410	30.0
CX.KC380S-5518	1.0-4.0	3.6	21000	1.50	17593	7.75	89.23	16.1	57.7	550	40.0
CX.KC380S-4530	2.4-6.0	6.0	19500	0.95	16500	5.23	109.9	18.60	59.3	715	28.8
CX.KC380S-4535	1.2-4.5	2.4	6800	0.55	5321	2.62	60.7	3.5	55.6	350	12.4
CX.KC380S-4045	2.4-9.6	3.6	8500	0.50	6975	2.52	80.75	5.78	63.8	450	11.5
CX.KC380S-4045	2.4-9.6	7.2	16100	0.55	13810	3.32	110.2	15.6	65.4	775	20.0
CX.KC380SP-4045	2.4-9.6	7.2	15000	0.55	12866	3.32	116.6	15.39	64.5	820	20.0
CX.KC380S-3270	2.4-9.0	4.5	6300	0.31	5192	1.45	73.9	3.94	60.2	420	6.8
CX.KC385SP-3270	6.0-15.0	12.0	16500	0.30	14393	2.05	109.8	16.21	65.9	860	14.0
CX.KC380S-2580	7.2-18.0	12.0	16800	0.26	14318	1.50	81.3	11.93	66.3	550	8.7
CX.KC380SP-21130	6.0-15.0	12.0	9100	0.15	7730	0.84	83.0	6.58	64.9	550	4.75
CX.KC380S-15200	6.0-24.0	12.0	6700	0.11	5357	0.44	50.1	2.75	52.3	250	1.75
CX.KC380S-14250	9.0-30	12.0	5100	0.08	3980	0.28	46.3	1.89	55.6	210	1.15
CX.KC380S-14250	9.0-30	24.0	10300	0.10	8460	0.44	73.4	6.36	60.8	410	2.1
CX.KC380S-10490	9.0-35.0	12.0	2500	0.042	1835	0.12	30.6	0.58	41.4	115	0.32
General Test Tolerance			± 15%								

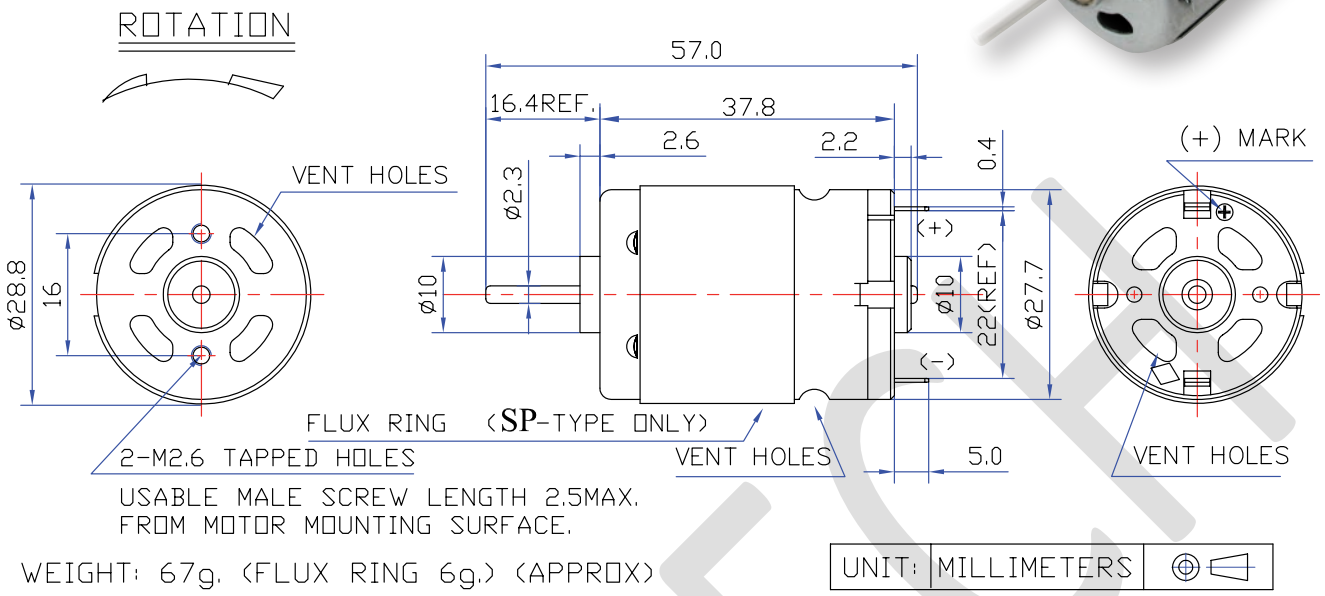
TYPICAL APPLICATIONS:

Hair Dryers, Mini Fans, Massagers, Radio Control Models, Water Pumps, Central Locking Systems, Can Openers, Electric Saws, Satellite Aerial Controllers, Electric Power Hand Tools, Automotive Windows & Washer Pumps, and More….

FISATECH

MOTOR TYPE
CX.KC385/CX.KC375 Series





PMDC Carbon-brush Motor (KC385SH type with metal end-cap is also available)

Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC385SP-3327	6.0-13.5	12.0	25300	0.60	21634	3.54	134.7	29.90	70.4	930	20.5
CX.KC385SP-2560	6.0-20.0	12.0	11300	0.20	9455	1.03	89.8	8.71	70.8	550	5.25
CX.KC385SP-2170	9.0-26.0	24.0	18300	0.18	15579	1.03	107.8	17.30	69.6	725	5.9
CX.KC385S-2365	4.5-24.0	17.5	15800	0.19	13400	1.07	92.2	12.68	67.8	610	6.0
CX.KC385S-2360	4.5-24.0	12.0	11620	0.20	9730	1.03	82.9	8.28	67.0	510	5.3
CX.KC385S-2173	6.0-26.0	24.0	22120	0.21	18750	1.17	100.6	19.34	69.0	660	6.5
CX.KC385S-2073A	4.5-24.0	20.0	16500	0.17	14079	0.99	92.4	13.35	67.5	630	5.75
CX.KC385S-1980	4.5-30.0	5.0	3445	0.110	2630	0.35	37.2	1.00	56.7	157	1.14
CX.KC385S-17120	6.0-30.0	24.0	12000	0.12	10088	0.63	82.9	8.57	56.4	520	3.4
CX.KC385S-16130	6.0-30.0	12.0	5800	0.08	4740	0.36	50.3	2.44	56.9	275	1.6
CX.KC385S-12190	9.0-30.0	10.0	3000	0.06	2210	0.17	31.6	0.72	42.6	120	0.47
CX.KC385S-10210	9.0-30.0	10.0	2650	0.045	1935	0.122	27.0	0.54	43.9	100	0.33
CX.KC385S-10250	18.0-30.0	24.0	5800	0.040	4610	0.16	45.2	2.14	57.4	220	0.58
CX.KC385S-09320	9.0-30.0	24.0	4200	0.032	3283	0.115	43.2	1.46	53.0	198	0.41
CX.KC375S-3135	9.0-13.5	13.0	26450	0.43	22004	1.99	73.1	16.50	64.1	435	9.8
General Test Tolerance			± 15%								

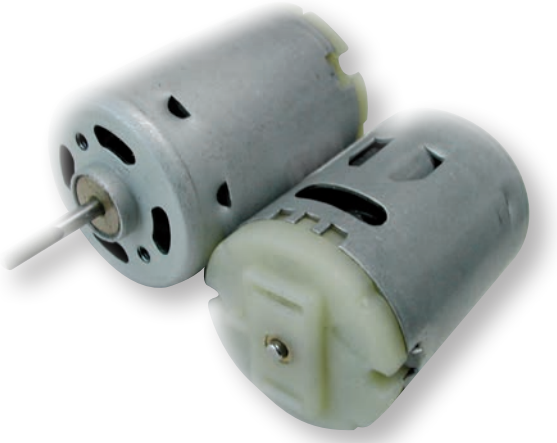
REMARK: KC385S & KC385SP are Carbon Brush Motors.

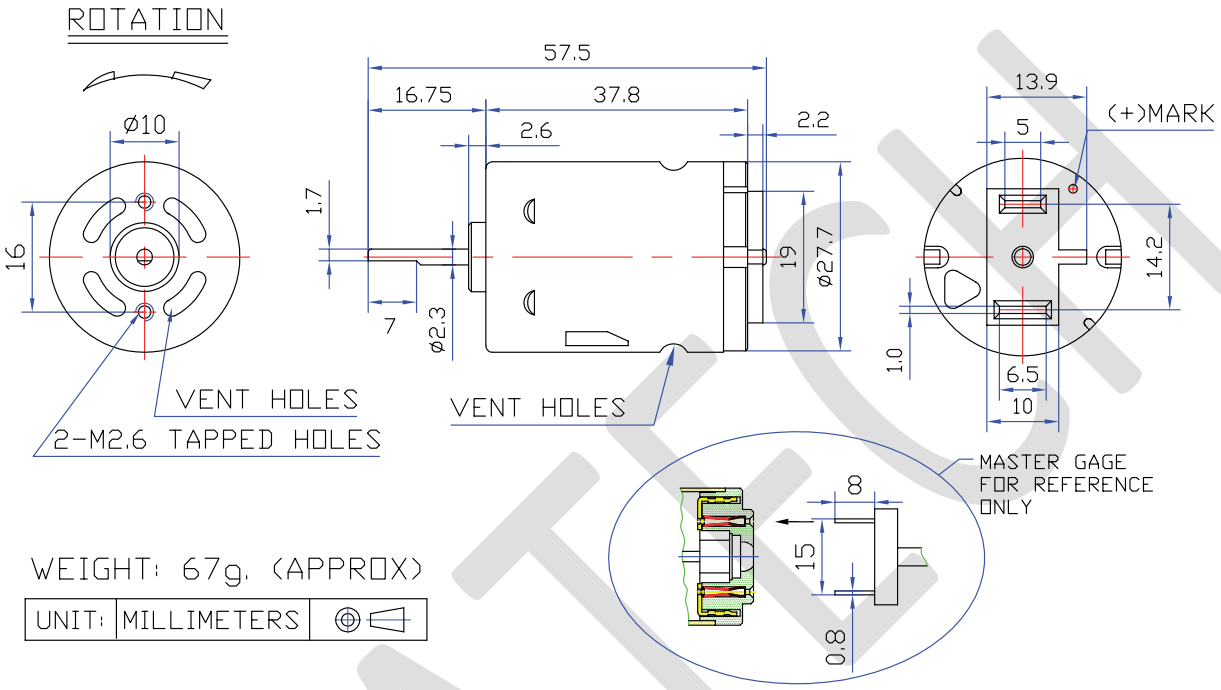
TYPICAL APPLICATIONS:

Hair Dryers, Massagers, Radio Control Models, Water Pumps, Central Locking Systems, Can Openers, Electric Saws, Satellite Aerial Controllers, Electric Power Hand Tools, Automotive Windows & Washer Pumps, and More….

KC375S-3135 is Special Model for Automotive Washer Pump.

MOTOR TYPE
CX.KP375/CX.KP385 Series





PMDC Carbon-brush Motor

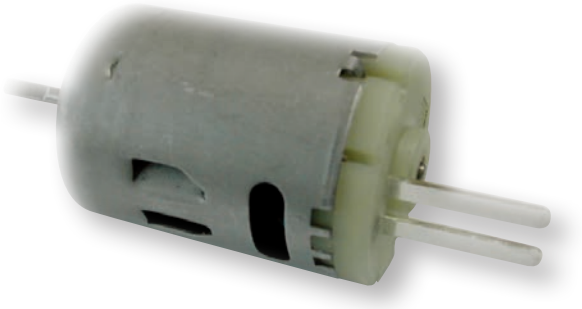
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KP375S-3136	9.0-13.5	13.0	26500	0.45	22000	2.10	73.1	16.50	64.0	435	9.8
CX.KP385H-2632	6.0-13.5	13.0	30000	0.70	24485	3.11	101.1	25.4	62.8	550	13.8
CX.KP385S-3327	6.0-13.5	12.0	27000	0.75	22700	3.97	135.1	31.5	66.1	850	20.5
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Automotive Front Windshield Washer Pumps

FISATECH

MOTOR TYPE
CX.KL375/CX.KL385 Series



Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KL375S-3133	9.0-14.5	13.0	27500	0.50	22886	2.48	89.1	20.91	64.9	531	12.3
CX.KL385-2632	6.0-13.5	13.0	30000	0.70	24485	3.11	101.1	25.4	62.8	550	13.8
CX.KL385S-3327	6.0-13.5	12.0	27000	0.75	22700	3.97	135.1	31.5	66.1	850	20.5
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Automotive Front Windshield Washer Pump

FISATECH

MOTOR TYPE
CX.KC390S/CX.KC395S Series



PMDC Carbon-brush Motor (KC395SH type with metal end-cap is also available)

Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC395S-3325	2.4-12.0	6.0	10200	0.41	8461	1.99	87.0	7.55	63.1	510	9.70
CX.KC395S-2840	6.0-18.0	6.0	6500	0.20	5443	1.03	69.9	3.90	63.2	430	5.30
CX.KC395S-2840	6.0-18.0	12.0	13500	0.25	11624	1.55	113.3	13.50	72.6	815	9.60
CX.KC395S-2840	6.0-18.0	18.0	19500	0.27	17164	1.84	131.8	23.20	70.1	1100	12.50
CX.KC395SP-2168	6.0-30.0	12.0	6850	0.135	5712	0.68	87.2	5.11	62.9	525	3.4
CX.KC395SP-1890	6.0-30.0	24.0	10500	0.11	8800	0.63	112.5	9.95	68.6	780	3.7
CX.KC395S-16120	6.0-30.0	12.0	4100	0.08	3285	0.32	61.6	2.08	53.6	310	1.3
CX.KC395S-16120	6.0-30.0	24.0	8300	0.10	6928	0.51	104.1	7.40	61.1	630	2.55
CX.KC395SP-15150	9.0-30.0	12.0	3050	0.045	2495	0.20	58.2	1.49	61.3	320	0.91
CX.KC395SP-15150	9.0-30.0	24.0	6200	0.055	5255	0.31	96.0	5.18	70.5	630	1.70
CX.KC390S-3168	4.5-15.0	7.5	8800	0.23	7514	1.34	84.8	6.53	64.8	580	7.85
CX.KC390SP-18210	6.0-30.0	24.0	8500	0.08	7307	0.49	109.5	8.21	69.8	780	3.05
General Test Tolerance			± 15%								

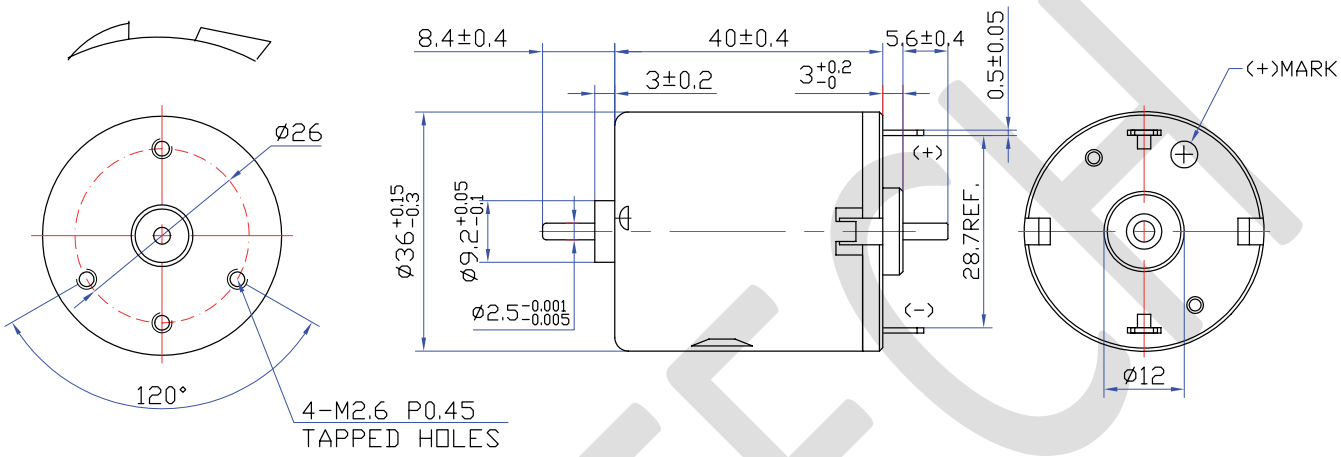
TYPICAL APPLICATIONS:

Cordless Power Tools, Screwdrivers, Vending Machines, Printers and More...

MOTOR TYPE
CX.KC535S Series



DIRECTION OF ROTATION



WEIGHT: 130g. (APPROX)

UNIT: MILLIMETERS

PMDC. Carbon-brush Motor

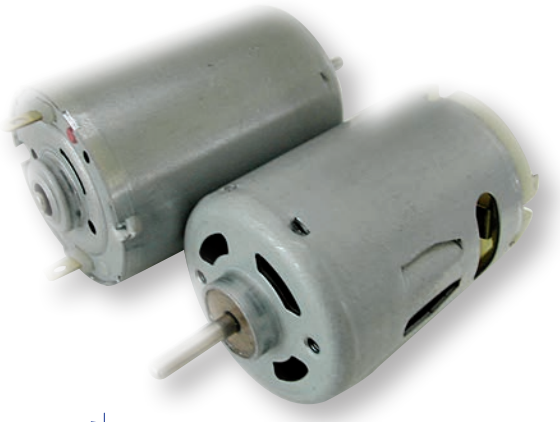
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC535SR-14200	12.0-30.0	24.0	4400	0.090	3497	0.349	131.34	4.71	56.3	640	1.35
CX.KC535SR-22100	12.0-18.0	12.0	4400	0.145	3623	0.676	121.89	4.53	55.8	690	3.10
General Test Tolerance			± 15%								

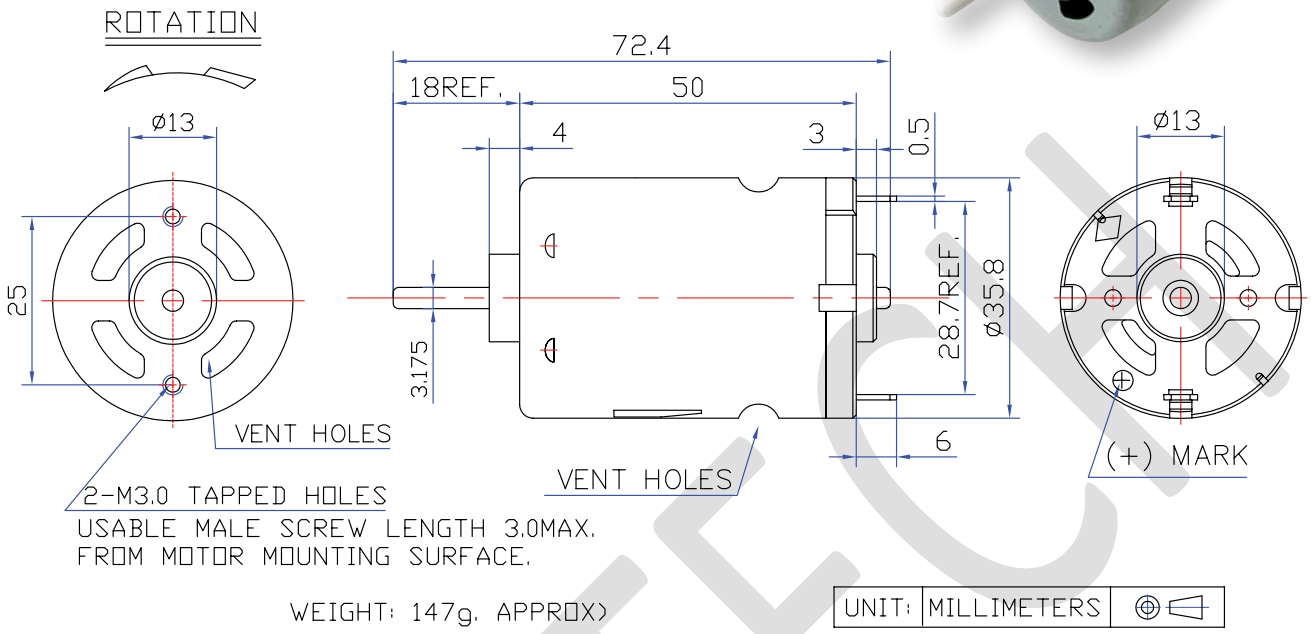
TYPICAL APPLICATIONS:

Air Pump – Printer - Refrigerator

FISATECH

MOTOR TYPE
CX.KC540/CX.KC545 Series





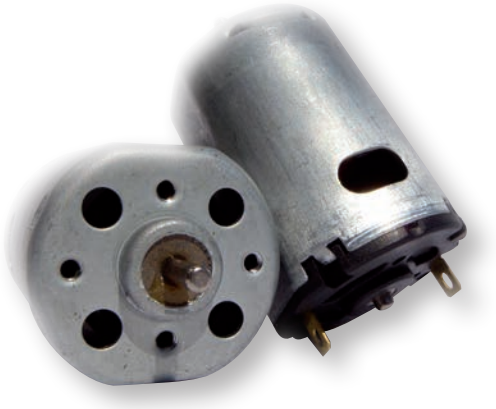
PMDC Carbon-brush Motor (KC540/545SH types with metal end-cap are also available)

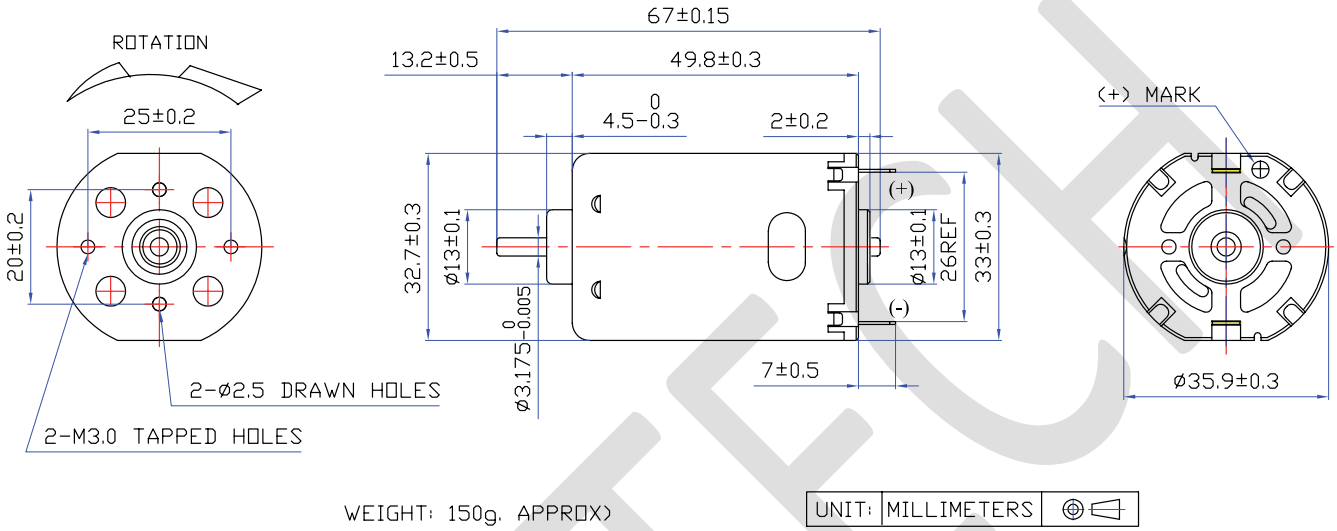
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC540-7516	2.4-4.0	3.6	23000	3.20	18158	12.0	126.3	23.5	54.5	600	45.0
CX.KC540S-7517	2.4-6.0	6.0	23000	2.80	19300	14.4	249.1	49.3	57.2	1550	75.0
CX.KC540S-6530	2.4-7.2	6.0	11700	0.95	10035	5.7	227.7	23.4	68.2	1600	34.5
CX.KC540S-6023	2.4-7.2	5.5	18700	1.80	15160	7.7	148.6	23.1	54.5	785	33.0
CX.KC540S-6035	2.4-9.0	6.0	11000	1.15	9200	5.87	237.4	22.4	63.6	1450	30.0
CX.KC540S-5045	4.5-12.0	6.0	8400	0.61	7265	3.9	205.4	15.3	65.3	1520	25.0
CX.KC540-5022	2.4-7.2	5.5	19500	1.90	15580	7.5	146.8	23.5	56.5	730	33.0
CX.KC540-4570	6.0-18.0	12.0	13000	0.70	10780	3.4	179.3	19.8	48.6	1050	16.5
CX.KC540S-4070	3.6-18.0	6.0	5300	0.45	4425	2.28	189.9	8.6	63.1	1150	11.5
CX.KC540S-4065	4.5-18.0	12.0	11000	0.52	9456	3.18	259.7	25.2	65.9	1850	19.5
CX.KC540S-33110	6.0-24.0	12.0	6750	0.30	5700	1.6	217.2	12.7	64.8	1400	8.9
CX.KC540S-30130	6.0-24.0	12.0	5700	0.25	4820	1.4	185.3	9.2	55.7	1200	7.5
CX.KC545S-5016	6.0-12.0	9.0	22500	1.50	19000	8.12	262.0	51.0	69.8	1680	44.0
CX.KC545S-2486	6.0-30.0	12.0	4800	0.25	3805	0.99	176.2	6.88	57.7	850	3.8
CX.KC545S-2486	6.0-30.0	24.0	9500	0.28	7800	1.28	232.5	18.6	60.3	1300	5.9
CX.KC545S-22100	6.0-30.0	12.0	4100	0.12	3366	0.55	120.4	4.16	63.0	672	2.52
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Cordless Power Tools, Screwdrivers, Vending Machines, Printers, Vacuum Cleaners and More...

MOTOR TYPE
CX.KFC545S Series





PMDC. Carbon-brush Motor

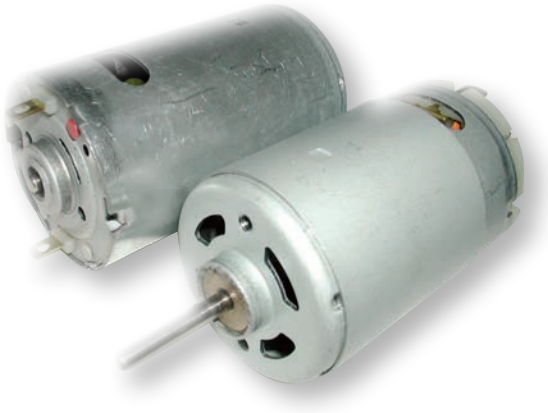
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KFC545S-22128	9.0-30.0	24.0	5860	0.090	5050	0.561	172.75	8.95	66.4	1250	3.5
CX.KFC545S-2861	6.0-24.0	12.0	6100	0.200	5178	1.122	166.35	8.83	65.6	1100	6.50
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Air Pump – Vacuun Cleaner – Massager – Power Drill

FISATECH

MOTOR TYPE
CX.KC550/CX.KC555 Series



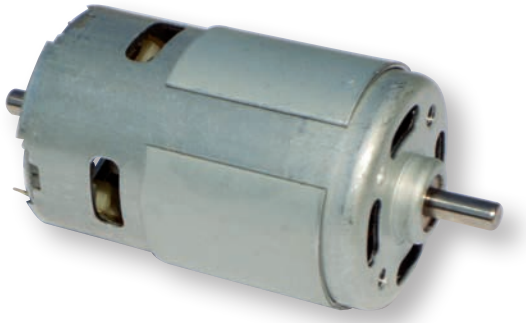
PMDC Carbon-brush Motor (KC550/555SH types with metal end-cap are also available)

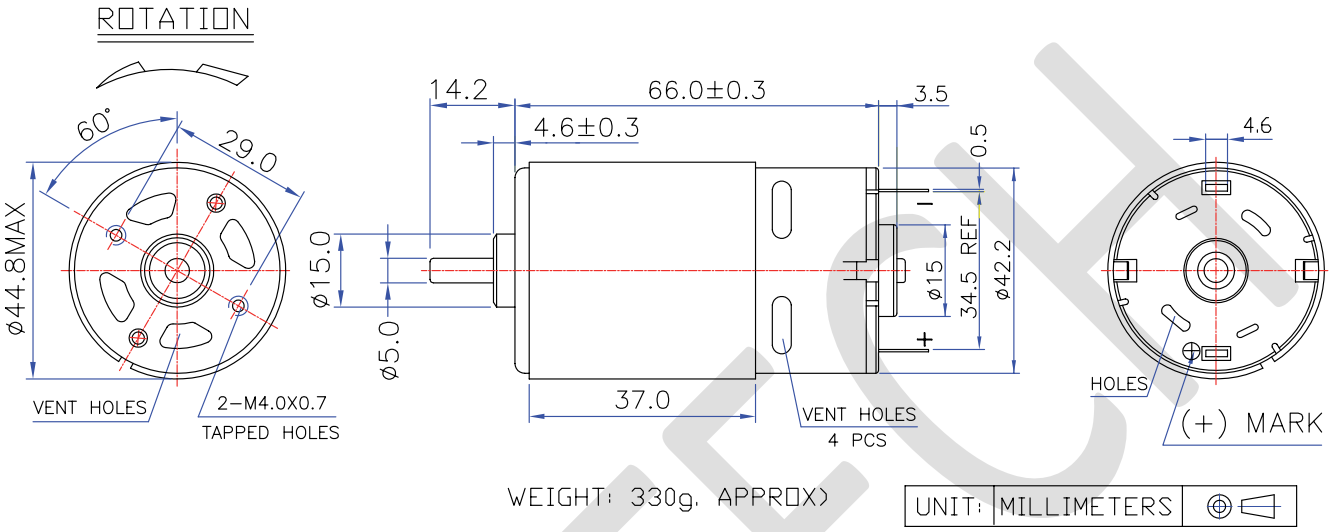
Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC550SP-4077	6.0-30.0	12.0	6500	0.26	5716	1.90	277.3	16.26	71.5	2300	13.8
CX.KC550SP-5045	6.0-15.0	12.0	12000	0.70	10330	4.33	347.8	36.85	70.9	2500	26.8
CX.KC555S-21120	12.0-32.0	24.0	4650	0.11	3950	0.62	217.6	8.82	59.2	1445	3.50
CX.KC555SP-21120	12.0-32.0	24.0	4300	0.10	3678	0.59	225.6	8.51	59.9	1560	3.50
CX.KC555S-2596	12.0-32.0	24.0	5900	0.13	5116	0.85	245.9	12.90	63.4	1850	5.53
CX.KC555SP-2596	12.0-32.0	24.0	5400	0.12	4707	0.82	263.2	12.71	65.0	2050	5.53
CX.KC555SP-2972	12.0-36.0	36.0	11500	0.20	10231	1.61	369.7	38.79	66.8	3350	13.0
CX.KC555S-3150	6.0-24.0	12.0	6100	0.25	5222	1.43	198.5	10.69	62.0	1380	8.50
CX.KC555SP-3150	6.0-24.0	12.0	5600	0.24	4780	1.46	234.2	11.48	65.6	1600	8.50
CX.KC555S-3552	6.0-24.0	12.0	5840	0.26	5015	1.58	233.2	11.99	63.3	1650	9.50
CX.KC555SP-3552	6.0-24.0	12.0	5400	0.25	4650	1.55	264.0	12.59	67.7	1900	9.50
CX.KC555SP-4522	7.5-14.5	12.0	12000	0.65	10449	4.38	346.4	37.12	70.6	2680	29.5
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Cordless Power Tools, Screwdrivers, Vending Machines, Printers, Copy Machines, Vacuum Cleaners and More...

MOTOR TYPE
CX.KC775S Series





PMDC. Carbon-brush Motor

Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC775SP-3180	12.0-30.0	24.0	5000	0.30	4221	1.625	592.2	25.64	64.7	3800	8.8
CX.KC775SP-3570	12.0-36.0	12.0	2870	0.284	2370	1.360	421.3	10.24	62.8	2438	6.50
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Power Drill - Hair Dryer – Slide Car - Massage

FISATECH

MOTOR TYPE
CX.KC3400 Series



Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	Torque	Current
			rpm	A	rpm	A	g-cm	W	%	g-cm	A
CX.KC3417-2652	12-30	12	1750	0.20	1356	0.69	270.1	3.76	45.5	1200	2.37
CX.KC3417-2652	12-30	24	3600	0.30	2880	1.20	500.0	14.77	51.3	2500	4.8
CX.KC3420-11260	50-130	120	3500	0.05	2789	0.20	467.1	13.36	56.7	2300	0.77
CX.KC3450-4127	12-30	24	3442	0.33	2943	1.95	1055.2	31.86	68.1	7284	11.5
CX.KC3450-3144	24-50	40	3376	0.18	2883	1.052	987.6	29.2	69.4	6760	6.15
CX.KC3413-14200	50-130	120	6000	0.085	4885	0.372	557.7	12.94	62.6	3000	1.63
CX.KC3417-12195	30-120	85	3650	0.07	2837	0.245	367.6	10.7	51.5	1650	0.85
CX.KC3417-11260	50-130	120	3800	0.07	2897	0.225	439.7	13.1	48.5	1850	0.72
General Test Tolerance			± 15%								

TYPICAL APPLICATIONS:

Massagers, Vending Machines, Automation Machines and More...

FISATECH