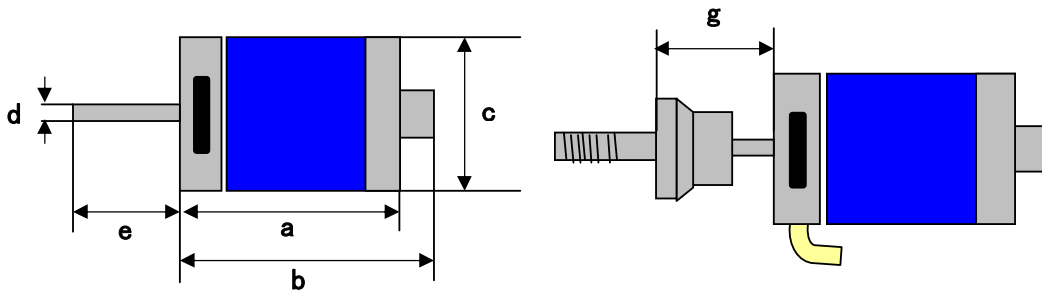
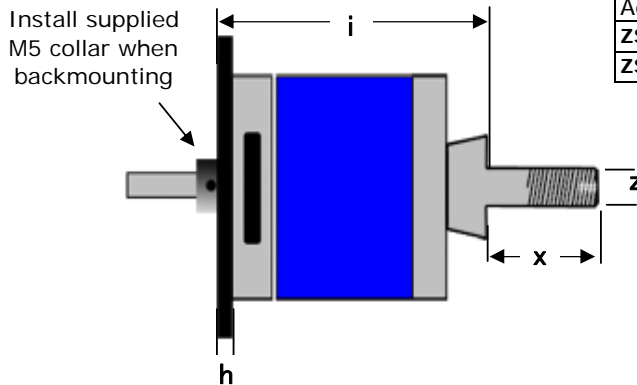


Zs 30 Series Motor Dimensions and Backmount Details



Zs30 Series Dimensions - Diagrams Above						
	a	b	c	d	e	g
ZS3009	25.9	32.9	37.7	5.0	21.5	22.8
ZS3014	30.7	37.7	37.7	5.0	21.5	22.8
ZS3020	36.6	43.6	37.7	5.0	21.5	22.8
ZS3025	42.6	49.6	37.7	5.0	21.5	22.8

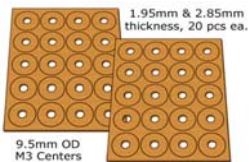
To Backmount (radial mount) a Zs30 motor, an accessory adapter set is required. The M6 is typically used for most models, and M8 set for larger props/spinners.



Adapter Set#	X	Z
ZS30-BKADAP-6L	24	M6
ZS30-BKADAP-8XL	28	M8

BackMounted Dimensions		
	h	i
ZS3009	2.92	38.5
ZS3014	2.92	43.4
ZS3020	2.92	49.3
ZS3025	2.92	55.3

The tables below give stack lengths for combinations of hard-ply spacers included in the BKADAP backmount sets. The thin spacers are 1.95mm, and thicker are 2.85mm



1.95 x	2	3	4	5	6
stack, mm	3.90	5.85	7.80	9.75	11.70
2.85 x	2	3	4	5	6
stack, mm	5.70	8.55	11.40	14.25	17.10

1.95mm Spacers Used						
		1	2	3	4	5
2.85mm Spacers Used	1	4.80	6.75	8.70	10.65	12.60
	2	7.65	9.60	11.55	13.50	15.45
	3	10.50	12.45	14.40	16.35	18.30
	4	13.35	15.30	17.25	19.20	21.15

To adapt new Zs series motors to models which suggest previous "Z" series motors, see the required spacer thicknesses below, and use the chart above to decide best-fit combination.

backmounted motors		Change to Zs Series: Spacer mm			
		Zs3009	Zs3014	Zs3020	Zs3026
Legacy "Z" Series	Z3007	5.90	n/a	n/a	n/a
	Z3013	11.90	6.90	n/a	n/a
	Z3019	n/a	12.90	6.90	n/a
	Z3025	n/a	n/a	12.90	6.90

Note: Zs motors are more efficient, so in many cases you may size-down the "Z" motor originally recommended for a model when using Zs. (for example, Z3019 replaced by Zs3014). However, do consider and check CG to be sure the model will balance with a lighter motor.