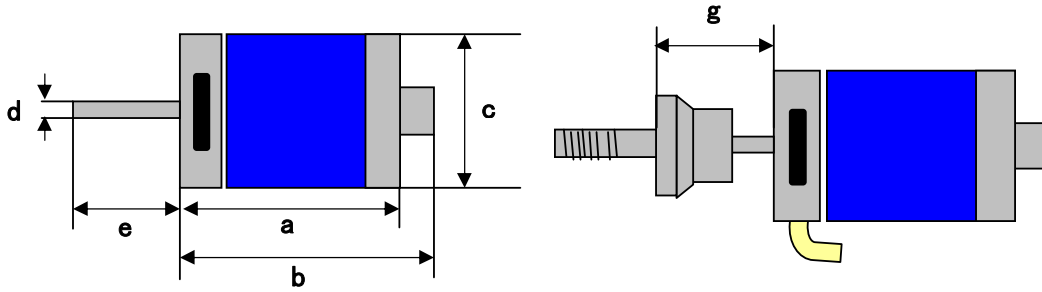
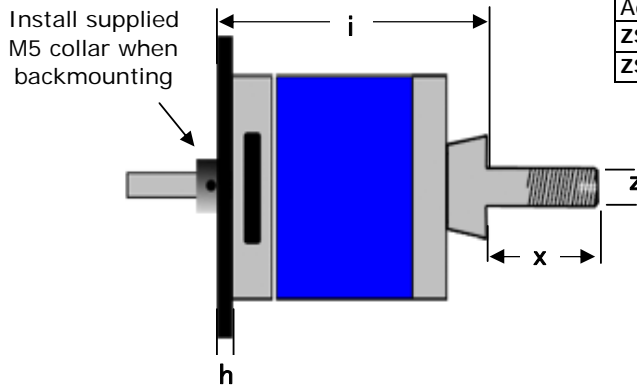


## Zs 30 Series Motor Dimensions and Backmount Details



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

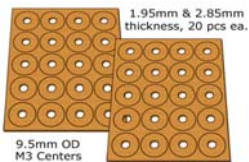
To Backmount (radial mount) a Zs30 motor, an accessory adapter set is required. The M6 is typically used for most models, and M8 set for larger props/spinners.



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

BackMounted Dimensions		
	h	i
<b>ZS3009</b>	2.92	38.5
<b>ZS3014</b>	2.92	43.4
<b>ZS3020</b>	2.92	49.3
<b>ZS3025</b>	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	<b>6.75</b>	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	<b>Z3007</b>	5.90	n/a	n/a	n/a
	<b>Z3013</b>	11.90	6.90	n/a	n/a
	<b>Z3019</b>	n/a	12.90	6.90	n/a
	<b>Z3025</b>	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.