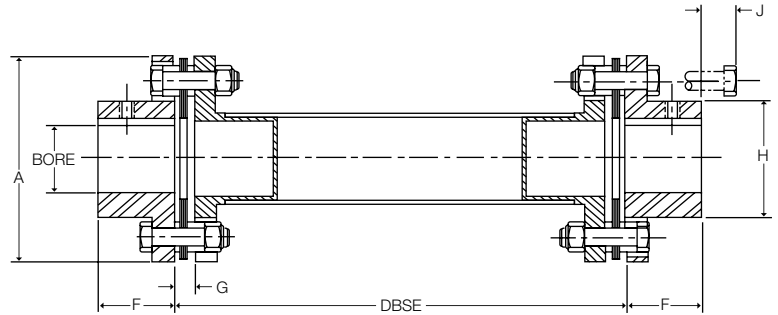


Floating Shaft Spacer Coupling A5C/B5C Composite Series - Form-Flex®

Double Flex Spacer

Form-Flex® flexible couplings may be mated to composite tubes for use as long floating shaft couplings. All types and most sizes of Form-Flex® couplings can be mated to composite tubes. Common combinations are shown below.



Type	Rated Torque*** lb-in	HP/ 100 RPM	Coupling Product No.	Maximum DBSE (in)			Maximum Bore			
				Max	@1800 RPM	@1500 RPM	Std Hub		AZ Hub	
							Square Key (in)	Reduced Key (in[mm])	Square Key (in)	Reduced Key (in[mm])
A5C20	2,200	3.49	A5C20_2G	84	72	79	1.625	1.75 [45]	2.125	2.188 [57]
			A5C20_2R	84	84*	84*				
A5C25	3,800	6.03	A5C25_2G	83	71	78	2.00	2.063 [52]	2.500	2.750 [68]
			A5C25_2R	83	83*	83*				
A5C30	6,930	11	A5C30_3R	130	107	117	2.375	2.438 [61]	2.875	3.063 [78]
			A5C30_3B	130	122	130*				
A5C35	11,340	18	A5C35_4R	147	123	135	2.875	3.125 [80]	3.750	3.75 [100]
			A5C35_4B	147	140	147*				
			A5C35_6R	152	149	152*				
			A5C35_6B	181	170	181*				
			A5C35_6BL	196	-	187				
			A5C35_8R	196	184	196*				
			A5C35_8B	196	196	196*				
			A5C35_8BL	236	-	215				
A5C40	18,270	29	A5C40_4R	147	123	135	3.250	3.375 [88]	4.000	4.375 [113]
			A5C40_4B	147	140	147*				
B5C58	34,000	54	B5C58_6R	181	149	151	4.000	4.250 [110]	5.000	5.500 [143]
			B5C58_6B	181	170	181*				
			B5C58_6BL	196	-	187				
			B5C58_6X	196	174	190				
			B5C58_8R	197	184	197*				
			B5C58_8B	197	196	197*				
			B5C58_8BL	237	-	215				
			B5C58_10B**	237	213	237*				
			B5C58_12B**	237	237*	237*				

Type	Coupling Product No.	Dimensions (in) (1)					Misalignment Capacity	
		A	F	G	H	J	Axial (+/- in)	Angular (Degrees/ Disc Pack)
A5C20	A5C20_2G	4.08	1.32	0.34	2.40	2.30	0.055	1°
	A5C20_2R					2.30		
A5C25	A5C25_2G	4.95	1.62	0.45	2.80	2.30	0.060	1°
	A5C25_2R					2.30		
A5C30	A5C30_3R	5.63	1.88	0.47	3.30	3.25	0.065	1°
	A5C30_3B					3.25		
A5C35	A5C35_4R	6.63	2.25	0.55	4.15	4.25	0.085	1°
	A5C35_4B					4.25		
	A5C35_6R					6.30		
	A5C35_6B					6.30		
	A5C35_6BL					6.30		
	A5C35_8R					8.31		
	A5C35_8B					8.31		
	A5C35_8BL					8.31		
A5C40	A5C40_4R	7.63	2.50	0.60	4.65	4.25	0.100	1°
	A5C40_4B					4.25		
B5C58	B5C58_6R	8.98	2.75	0.56	5.81	6.30	0.118	0.7°
	B5C58_6B					6.30		
	B5C58_6BL					6.30		
	B5C58_6X					6.30		
	B5C58_6XL					6.30		
	B5C58_8R					8.31		
	B5C58_8B					8.31		
	B5C58_8BL					8.31		
	B5C58_10B**					10.31		
	B5C58_12B**					12.31		

* Length is restricted by available mandrels for winding composite tubes.

Consult factory for longer lengths.

** Tube diameter is larger than coupling "A" diameter. Consult factory for coupling drawing.

*** Peak Overload Torque Rating is 1.5 times Rated Torque

1) Dimensions are shown with standard hubs

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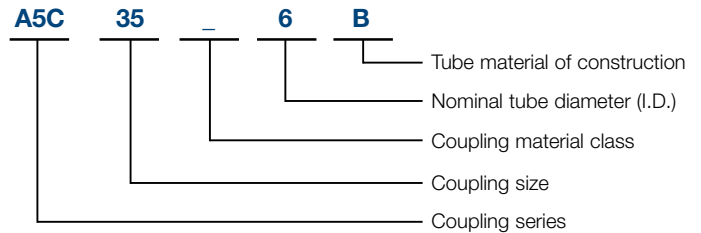
QUICK SELECTION GUIDE FOR COOLING TOWER APPLICATIONS

1800 RPM				Coupling Model	1500 RPM			
DBSE		Max Power			Max Power		Max DBSE	
mm	in	Kw	HP		Kw	HP	mm	in
1828	72	23	31	A5C20_2G	20	26	2004	79
1802	71	40	54	A5C25_2G	34	45	1980	78
2133*	84*	23	31	A5C20_2R	20	26	2133*	84*
2108*	83*	40	54	A5C25_2R	34	45	2108*	83*
2723	107	74	99	A5C30_3R	62	82	2985	117
3101	122	74	99	A5C30_3B	62	82	3302*	130*
3130	123	121	161	A5C35_4R	100	134	3431	135
3129	123	194	260	A5C40_4R	162	217	3431	135
3564	140	121	161	A5C35_4B	100	134	3734*	147*
3563	140	194	260	A5C40_4B	162	217	3734*	147*
3799	149	121	161	A5C35_6R	100	134	3862*	152*
3807	149	362	485	B5C58_6R	302	404	3854	151
4327	170	121	161	A5C35_6B	100	134	4597*	181*
4337	170	362	485	B5C58_6B	302	404	4592*	181*
-	-	121	161	A5C35_6BL	100	134	4746	187
-	-	362	485	B5C58_6BL	302	404	4754	187
4423	174	362	485	B5C58_6X	302	404	4849	190
4671	184	121	161	A5C35_8R	100	134	4975*	196*
4682	184	362	485	B5C58_8R	302	404	5004*	197*
4975*	196*	121	161	A5C35_8B	100	134	4975	196
4974	196	362	485	B5C58_8B	302	404	5004*	197*
-	-	121	161	A5C35_8BL	100	134	5459	215
-	-	362	485	B5C58_8BL	302	404	5456	215
5414	213	362	485	B5C58_10B	302	404	6020*	237*
6020*	237*	362	485	B5C58_12B	302	404	6020*	237*

All sections use a 2.0 service factor

ORDER CODE

A5C35_6B



COMPOSITE TUBE CONSTRUCTION

Model Code	Tube Material of Construction
G	GLASS
R	CARBON/GLASS HYBRID
B	STANDARD CARBON
X,Z	HIGH MODULUS CARBON

Material Class	Material Used		
	Hub	Hardware	Spacer Flanges
A	STEEL	STEEL	COMPOSITE OR STEEL
B	STEEL	STEEL, ZINC PLT	COMPOSITE OR STEEL
C	ZINC PLT	304SS	COMPOSITE OR ZINC PLATED STEEL
E	304SS	304SS	COMPOSITE OR 304SS

Metal spacer flanges used if composite is not available.

* Length is restricted by available mandrels for winding composite tubes. Consult factory for longer lengths.

** Tube diameter is larger than coupling "A" diameter. Consult factory for coupling drawing.