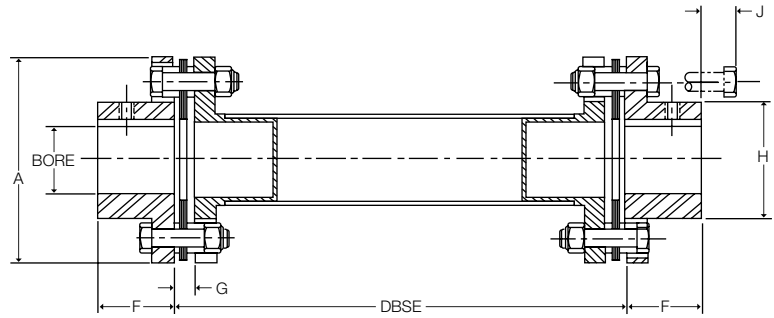


Floating Shaft Spacer Coupling A5C/B5C Composite Series - Form-Flex®

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.



Size	Rated Torque*** (Nm)	kW/ 100 RPM	Coupling Product No.	Maximum DBSE (mm)			Maximum Bore			
				Max	@1800 RPM	@1500 RPM	Std Hub		AZ Hub	
							Square Key (in)	Reduced Key (mm[in])	Square Key (in)	Reduced Key (mm[in])
A5C20	249	3.49	A5C20_2G	2133	1828	2004	1.625	45 [1.75]	2.125	57 [2.188]
			A5C20_2R	2133	2133*	2133*				
A5C25	429	6.03	A5C25_2G	2108	1802	1980	2.00	52 [2.063]	2.500	68 [2.750]
			A5C25_2R	2108	2108*	2108*				
A5C30	783	11	A5C30_3R	3302	2723	2985	2.375	61 [2.438]	2.875	78 [3.063]
			A5C30_3B	3302	3101	3302*				
A5C35	1,281	18	A5C35_4R	3734	3130	3431	2.875	80 [3.125]	3.750	100 [3.75]
			A5C35_4B	3734	3564	3734*				
			A5C35_6R	3862	3799	3862*				
			A5C35_6B	4597	4327	4597*				
			A5C35_6BL	4978	-	4746				
			A5C35_8R	4975	4671	4975*				
			A5C35_8B	4975	4975	4975*				
			A5C35_8BL	5991	-	5459				
A5C40	2,064	29	A5C40_4R	3734	3129	3431	3.250	88 [3.375]	4.000	113 [4.375]
			A5C40_4B	3734	3563	3734*				
B5C58	3,841	54	B5C58_6R	4592	3807	3854	4.000	110 [4.250]	5.000	143 [5.500]
			B5C58_6B	4592	4337	4592*				
			B5C58_6BL	4978	-	4754				
			B5C58_6X	4978	4423	4849				
			B5C58_8R	5004	4682	5004*				
			B5C58_8B	5004	4974	5004*				
			B5C58_8BL	6020	-	5456				
			B5C58_10B**	6020	5414	6020*				
B5C58_12B**	6020	6020*	6020*							

Type	Coupling Product No.	Dimensions (mm) (1)					Misalignment Capacity	
		A	F	G	H	J	Axial (+/-mm)	Angular (Degrees/ Disc Pack)
A5C20	A5C20_2G	103.6	33.5	8.6	61.0	58.4	1.40	1°
	A5C20_2R					58.4		
A5C25	A5C25_2G	125.7	41.1	11.4	71.1	58.4	1.52	1°
	A5C25_2R					58.4		
A5C30	A5C30_3R	143.0	47.8	11.9	83.8	82.6	1.65	1°
	A5C30_3B					82.6		
A5C35	A5C35_4R	168.4	57.2	14.0	105.4	108.0	2.16	1°
	A5C35_4B					108.0		
	A5C35_6R					160.0		
	A5C35_6B					160.0		
	A5C35_6BL					160.0		
	A5C35_8R					211.1		
	A5C35_8B					211.1		
	A5C35_8BL					211.1		
A5C40	A5C40_4R	193.8	63.5	15.2	118.1	108.0	2.54	1°
	A5C40_4B					108.0		
B5C58	B5C58_6R	228.1	69.9	14.2	147.6	160.0	3.00	0.7°
	B5C58_6B					160.0		
	B5C58_6BL					160.0		
	B5C58_6X					211.1		
	B5C58_6XL					211.1		
	B5C58_8R					261.9		
	B5C58_8B					261.9		
	B5C58_8BL					261.9		
	B5C58_10B**					261.9		
	B5C58_12B**					312.6		

* 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

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

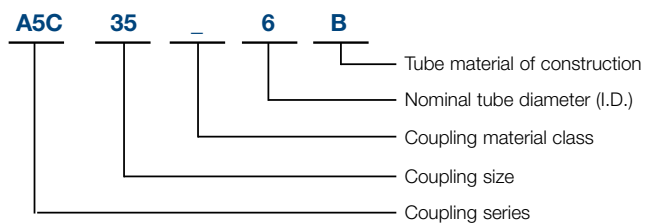
QUICK SELECTION GUIDE FOR COOLING TOWER APPLICATIONS

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
C	ZINC PLT	304SS	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.