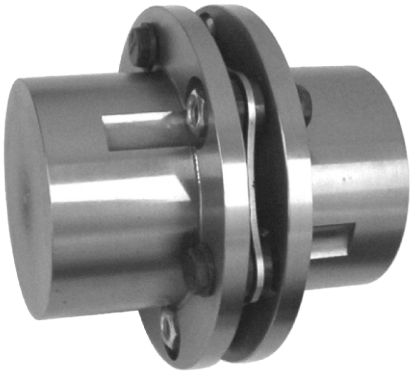
LOVEJOY JAURE DISC COUPLING

JAURE DISC

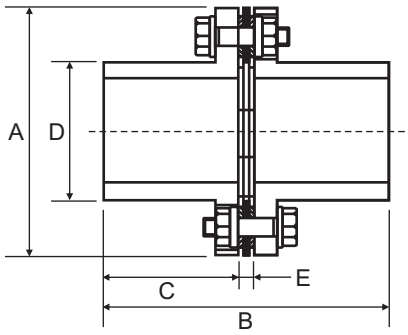
PERFORMANCE DATA

The Lovejoy-Jaure disc coupling is a great low maintenance coupling. It has been developed using the latest technology, Finite Element Analysis, to create a high torque, long life coupling. The discs are made from a high-grade stainless steel, ensuring not only a high strength and high endurance to fatigue, but also resistance to most chemicals. Furthermore, the discs can be covered with a low coefficient of friction coating to improve the resistance to fretting wear, which is the biggest cause of disc coupling failure.

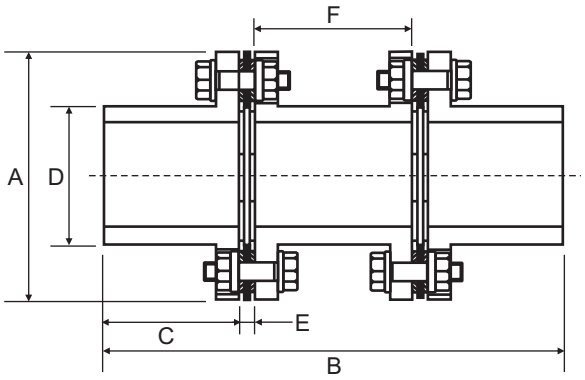
Coupling Size	Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)	Normal Maximum Speed (RPM)
-90-6	41.0	2.094	200.0	22700
110-6	46.0	6.283	600.0	18000
132-6	60.0	11.518	1100.0	14600
158-6	70.0	20.942	2000.0	12300
185-6	80.0	34.555	3300.0	10500
202-6	90.0	48.168	4600.0	9600
228-6	100.0	73.298	7000.0	8500
255-6	110.0	106.806	10200.0	7700
278-6	124.0	148.691	14200.0	7000
302-6	135.0	209.424	20000.0	6400



DIMENSIONAL DATA



TYPE SU



TYPE SX

Coupling Size	Bore Min	Bore Max	A	B SU	B SX	C	D	E	F
-90-6	-	41.0	90.0	84.0	134.0	40.0	58.0	4.0	46.0
110-6	-	46.0	110.0	108.0	189.0	50.0	65.0	8.0	73.0
132-6	-	60.0	132.0	128.0	228.0	60.0	84.0	8.0	92.0
158-6	-	70.0	158.0	151.0	264.0	70.0	98.0	11.0	102.0
185-6	-	80.0	185.0	174.0	300.0	80.0	112.0	14.0	112.0
202-6	-	90.0	202.0	195.0	339.0	90.0	125.0	16.0	127.0
228-6	-	100.0	228.0	218.0	375.0	100.0	140.0	18.0	139.0
255-6	-	110.0	255.0	251.0	427.0	115.0	155.0	21.0	155.0
278-6	-	124.0	278.0	271.0	469.0	125.0	174.0	21.0	177.0
302-6	-	135.0	302.0	295.0	505.0	135.0	190.0	24.0	187.0

E = Gap between hubs or spacer not element length.