

////// ZERO-MAX

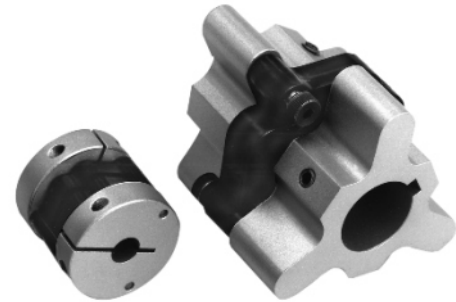
CONTROL FLEX COUPLING

CONTROL FLEX

The Schmidt Control-Flex coupling was developed to satisfy the higher performance requirements of today's modern power transmission drives. To meet this goal, Schmidt Coupling engineered the unique Control Flex disc which is based on a parallel linkage system. Unlike elastomeric couplings, the Control-Flex disc allows parallel, angular and axial misalignment, while offering zero backlash and maintaining constant transmission of torque and angular velocity.

PERFORMANCE DATA

Part No.	Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)	Normal Maximum Speed (RPM)
<i>Type 1 Single Flex Disc</i>				
C030P	25.4	0.296	28.25	3200
C045P	40.0	1.006	96.03	2700
C060P	55.0	2.366	225.96	2200
C075P	63.0	4.615	440.70	1800
<i>Type 2 Single Flex Disc</i>				
C008P	10.0	0.005	0.45	5000
C011P	12.7	0.011	1.02	4600
C016P	16.0	0.037	3.50	4200
C023P	27.0	0.125	11.98	3700
C031P	40.0	0.296	28.25	3200
<i>Type 2A Double Flex Discs</i>				
C208P	10.0	0.008	0.79	4700
C211P	12.7	0.020	1.92	4400
C216P	16.0	0.067	6.44	4000
C223P	27.0	0.227	21.69	3500
C231P	40.0	0.515	49.15	3000

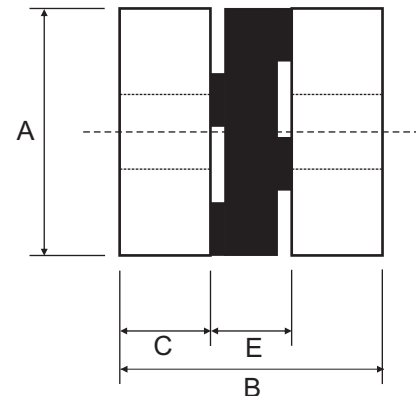


TYPE 2/2A

TYPE 1

DIMENSIONAL DATA

Part No.	Bore		A	B	C	E
	Min	Max				
<i>Type 1 Single Flex Disc</i>						
C030P	10.0	25.4	76.2	69.9	25.4	19.1
C045P	8.0	40.0	114.3	104.8	38.1	28.6
C060P	26.0	50.0	152.4	139.7	50.8	38.1
C075P	29.0	63.0	190.5	174.6	63.5	47.6
<i>Type 2 Single Flex Disc</i>						
C008P*	4.0	10.0	18.7	15.9	5.6	4.7
C011P	4.0	12.7	25.0	25.4	9.5	6.4
C016P	7.0	16.0	37.7	28.6	9.5	9.5
C023P	10.0	27.0	57.2	42.8	14.3	14.3
C031P	10.0	40.0	76.2	57.2	19.1	19.1
<i>Type 2A Double Flex Discs</i>						
C208P*	4.0	10.0	18.7	19.9	5.6	8.7
C211P	4.0	12.7	25.0	30.7	9.5	11.6
C216P	7.0	16.0	37.7	36.5	9.5	17.5
C223P	10.0	27.0	57.2	54.8	14.3	26.2
C231P	10.0	40.0	76.2	73.0	19.1	34.9



* Coupling diameter will be 20.6mm for bores over 8mm