



Fixed Speed / Constant Fill Fluid Couplings

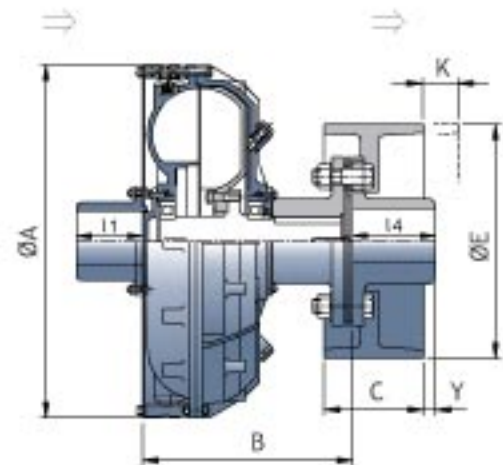
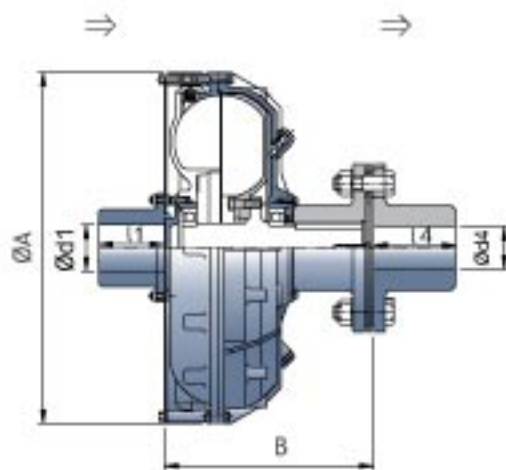
<http://www.fluidomat.com>



- Starting torque adjustable in the range of 170-250%.
Normal operating slip is 2 to 5% depending on coupling size and starting torque value.
- Suitable for two consecutive starts from hot and three from cold.
- Fusible plug blow off temperature is 130°C standard.
Optional: 160°C.

COUPLING MODEL	Maximum ratings of couplings at different input speeds (in KW.)		
	730 RPM	970 RPM	1470 RPM
T12-			
01	0.6	1.4	5.0
02	0.9	2.1	7.5
03	1.1	2.6	9.3
04	1.8	4.3	15.0
05A	3.3	7.5	27.0
05	4.6	11.0	37.5
06	7.3	17.4	60.0
07	9.8	23.2	80.0
08	19.0	45.0	153.0
08B	28.3	65.0	228.0
09	37.0	90.0	265.0
10A	64.0	150.0	373.0
010	90.0	209.0	485.0
011	148.0	348.0	-
012	260.0	610.0	-
013	500.0	850.0*	-
014	850.0	1000.0*	-

* Coupling for these rating should be selected only after our approval is obtained.



T12 Fluid Coupling

Model T12-	A	B	Ød1 max.	l1	Ød4 max.	l4	Dry WL. KG.	Max. Oil Filling In Liters	Connected Flexible Coupling Model
01	280	167	35	50	55	70	17	1.50	FXC-I
02	310	181	35	50	55	70	20	3.00	FXC-I
03	330	199	50	80	55	70	26	2.90	FXC-I
04	350	216	50	80	60	70	31	3.70	FXC-II
05A	395	237	50	80	60	70	48	5.10	FXC-II
05	420	276	75	110	75	95	67	5.90	FXC-III A
06	465	290	75	110	75	95	75	8.40	FXC-III A
07	510	314	75	110	80	95	85	11.00	FXC-III
08	570	347	110	140	90	110	138	15.00	FXC-III
08B	615	353	110	140	110	125	176	18.60	FXC-IWA
09	650	371	110	140	110	125	183	22.20	FXC-IWA
010A	700	368	110	140	110	125	198	26.30	FXC-IWA
010	750	414	110	140	112	125	234	33.00	FXC-IV
011	860	488	125	210	145	200	395	50.00	FXC-V
012	970	568	150	210	145	200	480	75.00	FXC-V
013	1104	594	150	210	180	200	598	108.0	FXC-VI
014	1230	655	175	210	180	200	995	160.0	FXC-VI

TYPE T12 WITH BRAKE DRUM

Flexible Coupling Model	Metallic disc Coupling			
	ØE	C	Y	K* Min
FXC-I	160	75	21	26
	200	75	21	26
FXC-II	200	75	19	26
	250	95	10	35
FXC-III A	250	95	35	35
	300	118	32	55
FXC-III	315	118	32	55
	250	95	48	35
FXC-III	300	118	30	55
	315	118	30	55
FXC-IWA	400	150	18	73
	300	118	52	55
FXC-IWA	315	118	52	55
	400	150	40	65
FXC-IV	500	190	05	70
	400	150	40	65
FXC-IV	500	190	05	70
	600	236	(-)31	80
FXC-V	630	236	(-)31	80
	500	190	70	70
FXC-V	600	236	34	70
	630	236	34	70
FXC-V	710	265	25	90

* For radial displacement of Fluid Coupling the Brake drum shall need to be shifted by dimension 'K' As shown. The Machine/G.B. shaft length /space should be adequate for this shift of B.D.

