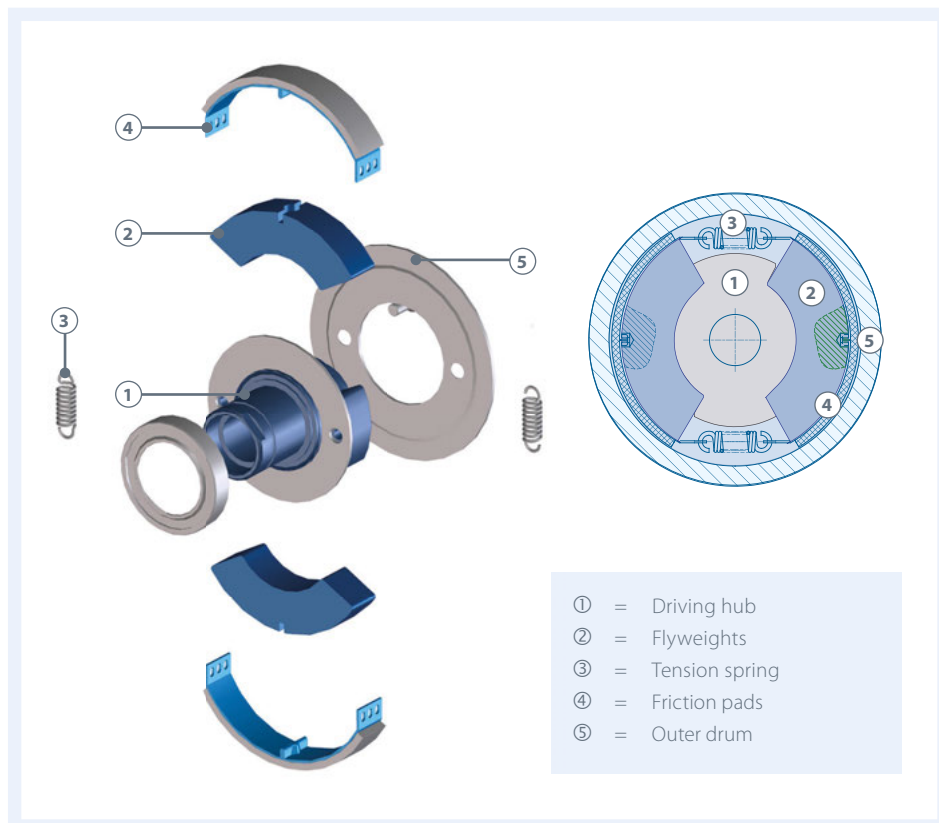


F-Type

Self-increasing clutch

Construction and mode of operation

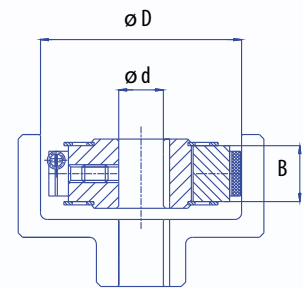


- High efficiency with a self-increasing effect
- Performance factor of 2.5
- Compact design
- Easy to service

F-Type

Performance data and dimensions

Type Number	D [mm]	B [mm] ¹	d max. [mm]	standard bore diameter d [mm] (inch) ²	Standard rotational speed					
					low		normal		high	
					Mat nE 750 and nB 1500 [Nm]	recommended motor power [kW] ³	Mat nE 1250 and nB 2500 [Nm]	recommended motor power [kW] ³	Mat nE 1500 and nB 3000 [Nm]	recommended motor power [kW] ³
F01	50	10	14	12			1.3	0.17	2	0.3
F02	60	15	18	15 (5/8)			4	0.5	5	0.8
F03	70	15	22	15; 20 (7/8)			7	0.9	10	1.6
F04	80	15	28	14 - 25 (3/4; 7/8)	4	0.3	11	1.4	16	2.5
F05	90	20	35	18; 20; 25 (3/4; 1)	10	0.8	26	3.4	40	6.3
F06	100	20	35	20; 24; 28 (3/4; 1)	16	1.3	42	5.5	60	9.4
F07	110	20	40	28; 35; 40 (1)	25	2.0	70	9.0	100	15.7
F08	125	20	50	25; 38; 49 (3/4; 1)	40	3.2	120	15.7	180	28.3
F09	138	25	55	30; 38; 48 (1)	90	7.0	240	31.0	320	50.0
F10	150	25	60	38; 48; 49	125	10.0	340	44.5	470	74.0
F11	165	30	65	42; 50; 55 (1 7/16)	220	17.2	620	81.0	870	136.0
F12	180	40	75	50; 60 (2 3/8)	460	36.0	1200	157.0	1700	267.0
F13	200	30	75	35; 55; 65 (2 3/8)	520	41.0	1300	170.0	1850	290.0



d = bore dia.
D = inside dia. of drum
B = flyweight width

d max. = max. bore dia.
M = torque
nE = engagement speed
nB = operating speed

¹) The transmitted power increases as the width B is increased.
²) Tapered bores and special dimensions can be manufactured on request.
³) Motor power is calculated using a safety factor of 2.
Final selection of the clutch should be accomplished by SUCO!

