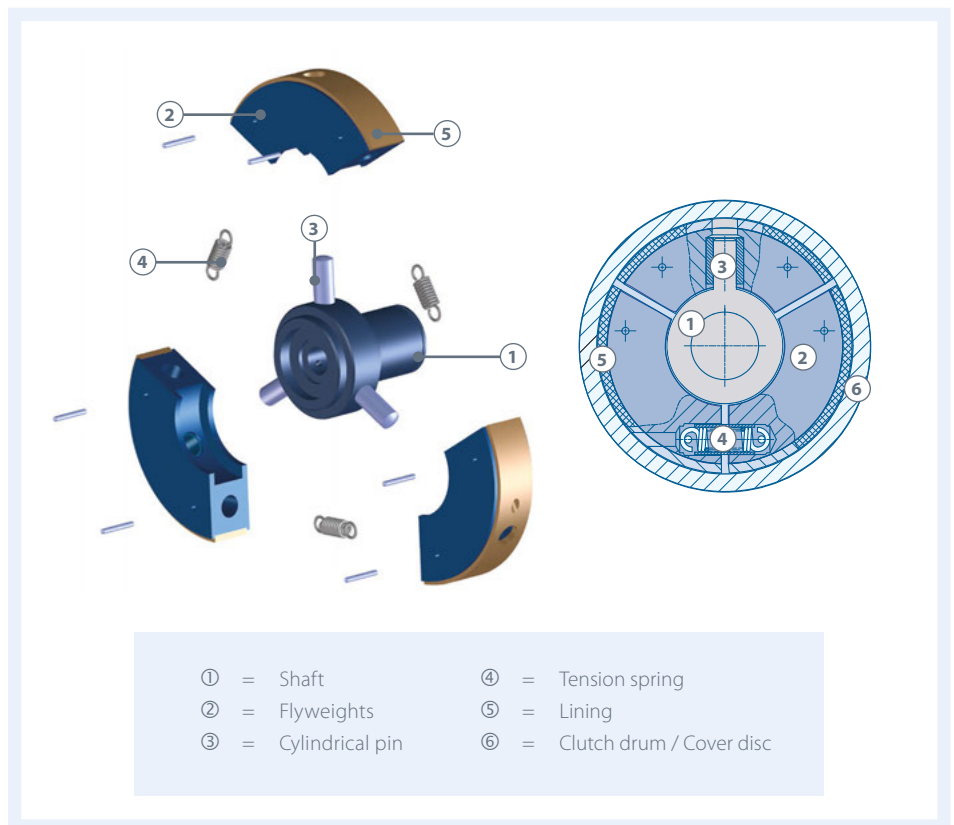


S-Type

Pin-guided clutch with three flyweights

Construction and mode of operation



- Low noise level by guided pins
- Performance factor of 1.5
- Compact design

S-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 [N/m]	recommended motor power [kW] ³	Mat nE 1250 and nB 2500 [N/m]	recommended motor power [kW] ³	Mat nE 1500 and nB 3000 [N/m]	recommended motor power [kW] ³
S04	80	25	24	15 (3/4; 7/8)	4.3	0.3	12	1.6	17.5	2.8
S05	90	25	30	14; 30 (3/4; 1)	7.5	0.6	212	2.8	31	4.9
S06	100	25	24	20; 24; 28 (3/4; 7/8)	11	0.8	30	4.0	43	7.0
S07	110	25	30	28; 30 (1)	15	1.2	45	6.0	64	10.0
S08	125	25	40	20; 30 (1; 1/2)	30	2.4	85	11.0	124	20.0
S09	138	25	30	17; 30 (1; 1 1/8)	40	3.0	112	15.0	160	25.0
S10	150	35	40	38; (1 1/8)	78	6.0	216	28.0	310	49.0

d max. = max. bore dia.

M = torque

nE = engagement speed

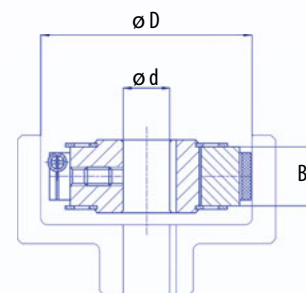
nB = operating speed

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!



d = bore dia.

D = inside dia. of drum

B = flyweight width