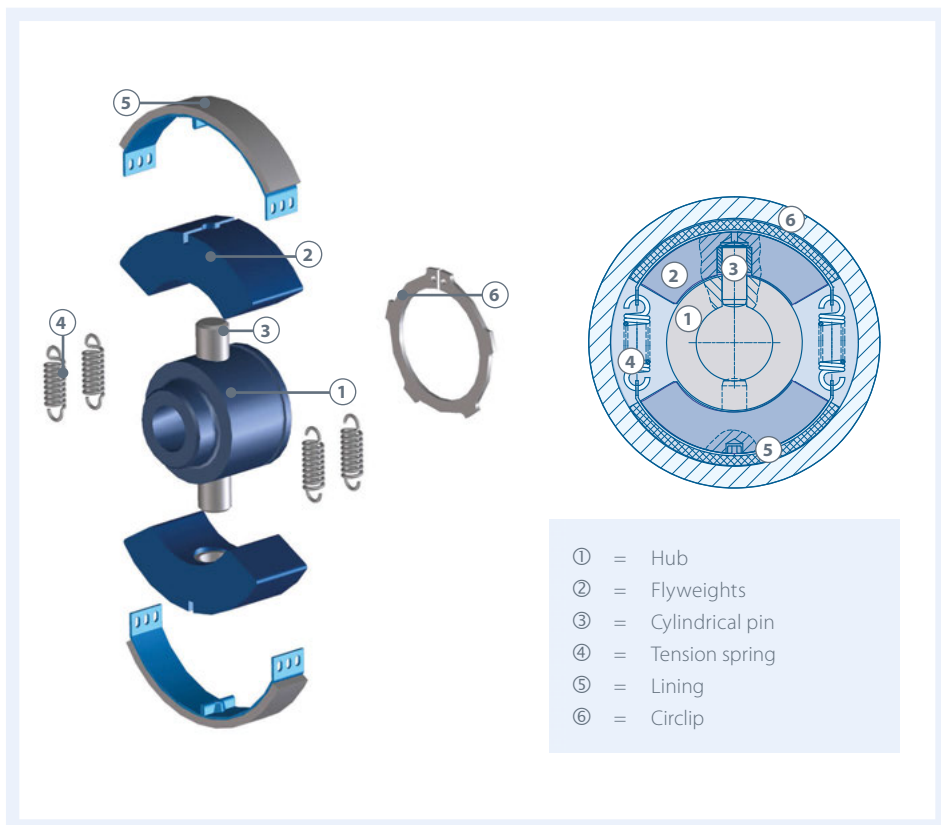
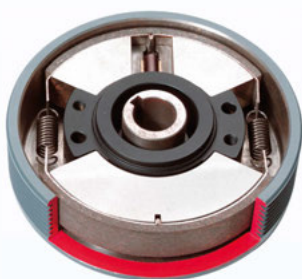


# W-Type

## Pin-guided clutch with two flyweights

### Construction and mode of operation



- Low noise level by guided pins
- Easy to service
- Performance factor 1.0

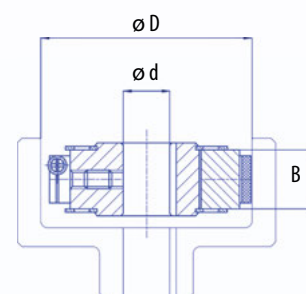
# W-Type

## Performance data and dimensions

Type Number	D [mm]	B [mm] <sup>1</sup>	d max. [mm]	standard bore diameter d [mm] (inch) <sup>2</sup>	Standard rotational speed					
					low		normal		high	
					Mat nE 750 and nB 1500 [Nm]	recommended motor power [kW] <sup>3</sup>	Mat nE 1250 and nB 2500 [Nm]	recommended motor power [kW] <sup>3</sup>	Mat nE 1500 and nB 3000 [Nm]	recommended motor power [kW] <sup>3</sup>
<b>W04</b>	80	15	15	15	1.7	0.14	4.6	0.6	6.6	1.0
<b>W05</b>	90	20	25	14 (5/8)	3.7	0.3	10.3	1.4	14.8	2.3
<b>W06</b>	100	20	30	30	5.7	0.45	16.0	2.0	23.0	3.6
<b>W07</b>	110	20	40	–	8.6	0.7	24.0	3.2	34.5	5.5
<b>W08</b>	125	20	40	20; 30 (1 1/2)	14.0	1.0	38.5	5.0	55	8.5
<b>W09</b>	138	25	55	–	27.0	2.2	75.0	9.8	110	17
<b>W10</b>	150	25	60	38 (1 1/8)	36.5	3.0	102	13	145	23

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

- <sup>1)</sup> The transmitted power increases as the width B is increased.
- <sup>2)</sup> Tapered bores and special dimensions can be manufactured on request.
- <sup>3)</sup> 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