

RINGFEDER PT GmbH
Calculation - Friction Spring RINGFEDER®

Typ	1201	Typ	01800
F =	5 kN	se =	0,4 mm
		he =	2,2 mm
		We =	1,0 J
e =	40	Lo =	88,0 mm
		sg =	16,0 mm
		Wg =	40 J
		Fv ≥	0,5 kN
Fv =	0,6 kN	sv =	1,9 mm
		Lv =	86,1 mm
		sr =	14,1 mm
		W =	39 J
Lv =	86,1 mm	sv =	1,9 mm
		Fv =	0,6 kN
		sr =	14,1 mm
		W =	39 J
W _B =	25 J	F _B =	4,0 kN
		S _B =	10,9 mm
		η _F =	80 %

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Typ	1201	Typ	01800
F =	5 kN	se =	0,4 mm
		he =	2,2 mm
		We =	1,0 J
e =	80	Lo =	176,0 mm
		sg =	32,0 mm
		Wg =	80 J
		Fv ≥	0,5 kN
Fv =	0,6 kN	sv =	3,8 mm
		Lv =	172,2 mm
		sr =	28,2 mm
		W =	79 J
Lv =	172,2 mm	sv =	3,8 mm
		Fv =	0,6 kN
		sr =	28,2 mm
		W =	79 J
W _B =	50 J	F _B =	4,0 kN
		S _B =	21,8 mm
		η _F =	80 %