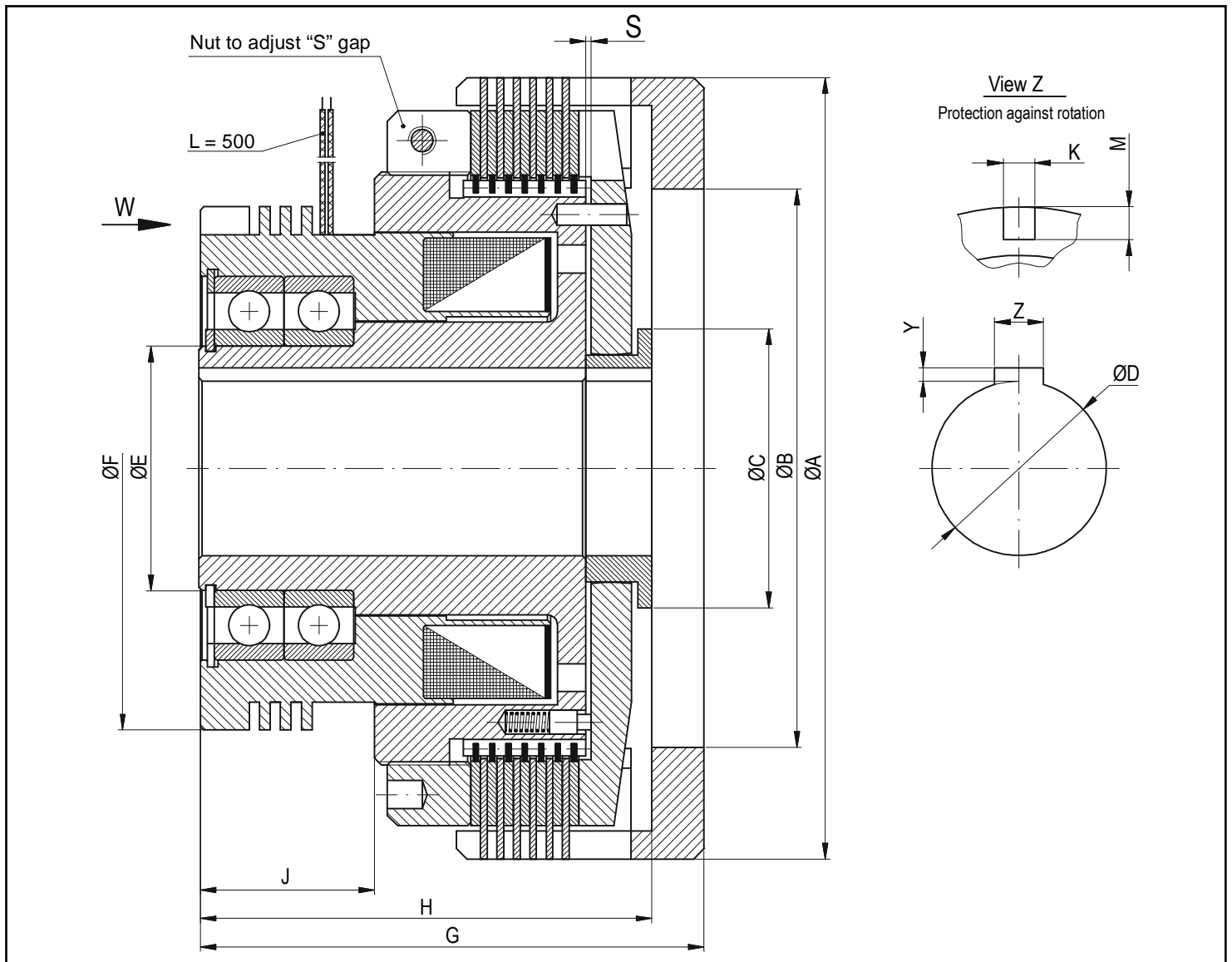


MULTIPLE-DISC CLUTCH VEP-...T

2015

Multiple-disc electromagnetically operated clutches VEP-...T are designed for dry work only. They are operated at $24 V \pm 1V$ DC (12 V or 48 V on special request). In order to protect the clutch coil from a breakdown, a quenching member should be used in the supply system in the form of a resistor connected in parallel with the coil, (the resistance of which should be approx. 10 times higher than the resistance of the coil), semiconductor diode, or a resistor and a diode. These clutches incorporate cermet-covered discs, so as to obtain very good dynamic characteristics – ability to withstand high heat loads. In order to ensure appropriate clutch operation, the “S” gap should be checked and adjusted regularly, i.e. measured when the clutch is engaged.

Please note that when the “s” gap is equal to zero, the clutch does not function properly any more – it does not transmit the full moment, and the disc slip causing excessive temperature may destroy the clutch completely.



Size	Torque		Coil power [W]	Coil resist. [Ω]	Max. speed [min^{-1}]	Weight [kg]	Dimensions [mm]														
	stat. [Nm]	dyn. [Nm]					A	B [H8]	C	D_{max} [H7]	E	F	G	H	J	K	M	N	S	Y	Z
500	550	500	60	9,5	1750	25	225	160	80	50	65	150	145	130	56	10	8,5	20	0,5	3,8	14
1000	1100	1000	95	6,1	1500	40	275	200	95	60	80	158	163	148	58	10	10	24	0,6	4,4	18

As the products are constantly developed, the manufacturer reserves the right to modify their dimensions