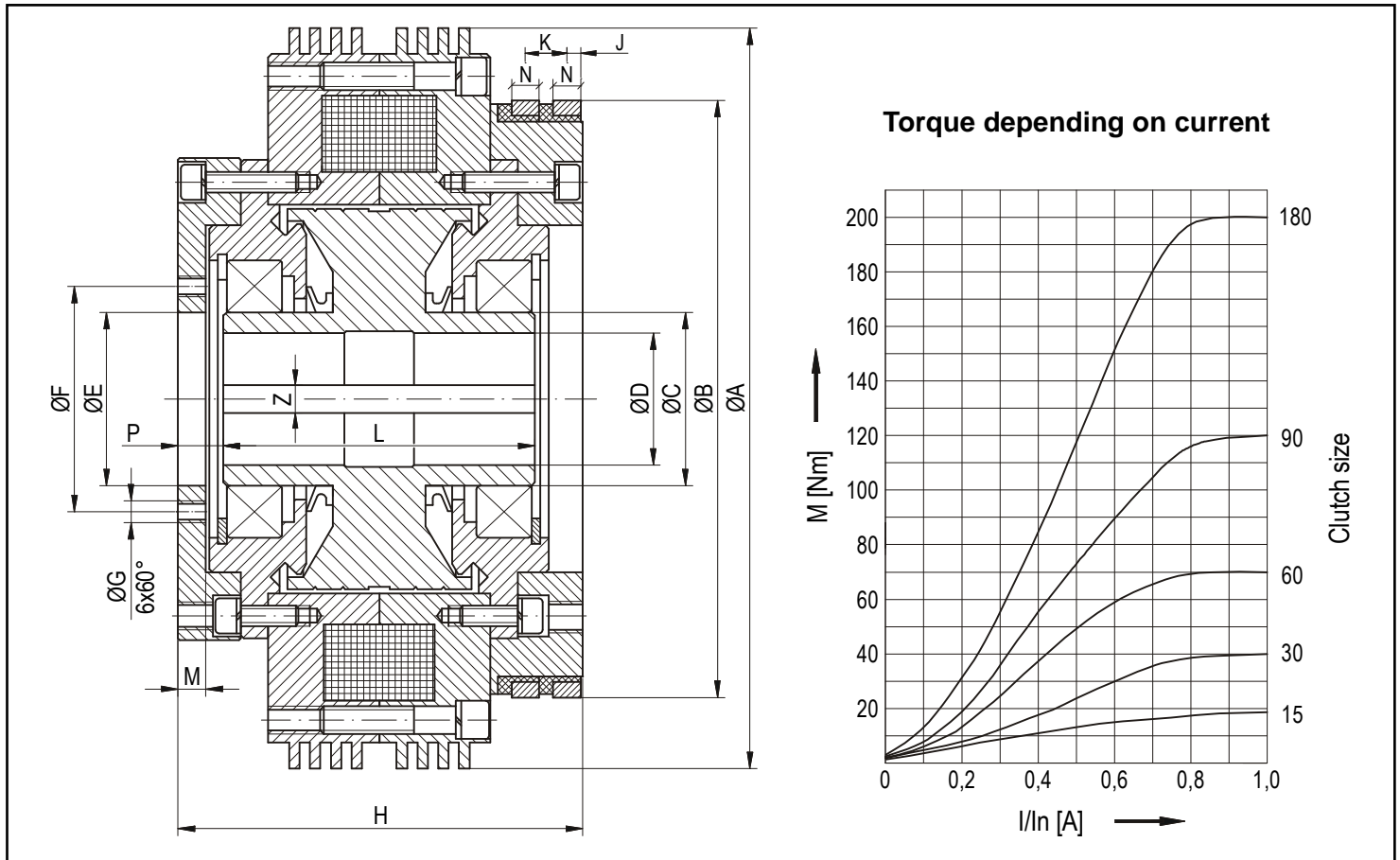


MAGNETIC PARTICLE CLUTCHES VER-...S

2015

Electromagnetically operated powder clutches are designed to couple power units in order to transmit rotational speed with simultaneous transmission of appropriate torque. These clutches enable smooth torque adjustment in the function of current and supply voltage (see graph). The clutches are operated at a controllable supply of 0÷24 V DC, and equipped with EMS-2B... or EMS-2B/40 brush holders. They may operate in slip motion on condition that transmitted power (product of torque [Nm] and slip speed [rad/s]) does not exceed P_{max} provided in the table.



Size	Torque		Coil power [W]	P_{max} [W]	Max. speed [min ⁻¹]	Weight [kg]	Dimensions [mm]													
	transmitted [Nm]	residual [Nm]					A	B	C	D_{max} [H7]	E [H7]	F	G	H	K	L	M	N	P	Z [Js9]
15	18	0,8	16	110	1000	6,1	130	115	30	20	36	50	M5	90,5	10	68	6	8	10	6x2,8
30	40	0,8	20	140	800	9,2	165	137	35	25	40	60	M6	103	10,5	82	6,5	8	10,5	8x2,8
60	70	1,2	26	180	700	15,6	215	172	50	35	50	65	M6	114,5	12	90	7	8	12	8x3,3
90	120	1,5	32	220	600	19,5	230	192	50	35	50	65	M8	122	14	94	7	10	12	8x3,3
180	200	3,6	43	340	500	32	275	218	65	50	65	80	M8	149	14	106	8,5	10	13,5	14x3,8

Please note that dimensions "D," "E," "F," and "Z" are made at the customer's request.

The following clutch details should be provided in your order (example)

Clutch VER-90S-30-8

clutch size

"D" dimension of the mounting hole

dimension "Z" - width of the groove