

Clutch Brake (08)

TYPE 55

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SG Transmission

SG Transmission clutch brake modules are used whenever the prime mover is required to run continuously, and the output of the driving device requires a controlled “stop and start” action. This allows an electric motor to run while controlling its output via a clutch brake module. This will reduce the power consumption of the system considerably.

These modules are precision engineered with positive clutch and brake action with no backlash. They can be controlled by relatively simple solid state electronics to give accurate stopping and starting with frequencies over 300 cycles per minute.

Benefits

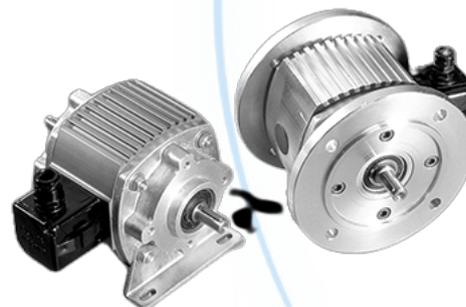
- Simple fit to IEC motors and gearboxes
- Easy installation
- Zero-backlash
- Good heat dissipation
- High cycle times

Features

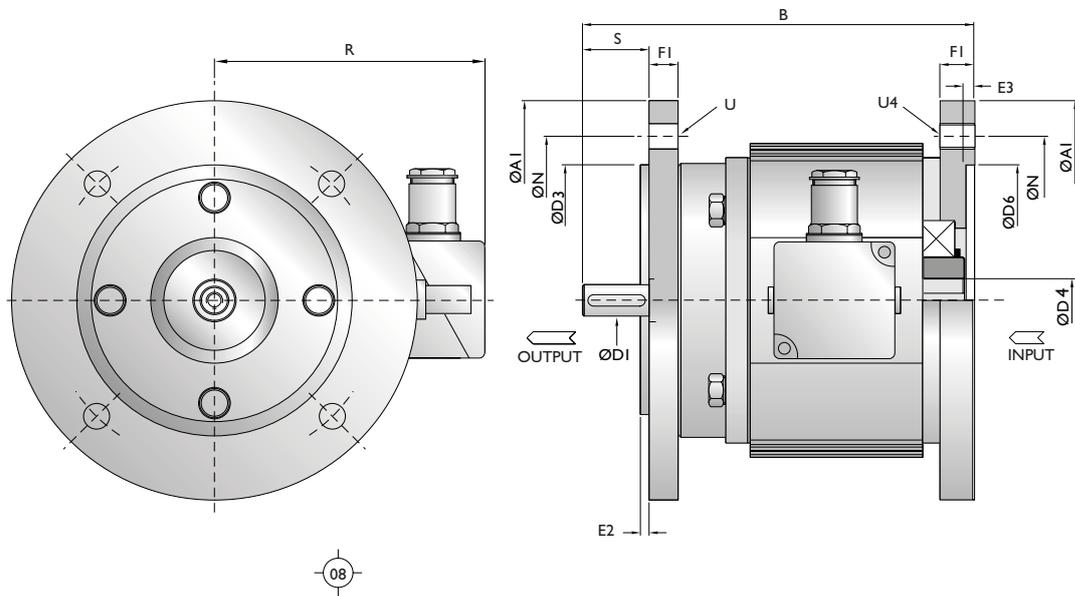
- Insulation Class B
- Keyways to B.S. 4235
- Shaft centre holes to DIN 332
- Optional voltage

Key applications

- Military
- Medical
- Material Handling
- Security
- Energy



Technical data



Size	Torque TS (Nm)	Max P20 (w)	A1	B	D1 K6	D3 H8	D4 Max G7	D6 +0.3 +0.2	E2	E3	F1	N	R	S	U x4	U4 x4	Air gap G	Design No.
06	8	12	140 160	135 142	11 14	95 110	15	95 110	3	4	10	115 130	94.5	23 30	9	M8	0.20	0608
08	16	21	160 200	157 167	14 19	110 130	24	110 130	3.5	4	10	130 165	107.5	30 40	9 11	M8 M10	0.20	0808
10	32	31	200	88 198	19 24	130	28	130	3.5	4	12	165	120.4	40 50	11	M10	0.20	1008
12	65	34	200 250	218 228	24 28	130 180	35	130 180	3.5	4.5	14	165 215	136	50 60	11 14	M10 M12	0.30	1208
16	120	41	250 300	250 270	28 38	180 230	42	180 230	4	5	18	215 265	167.5	60 80	14	M12	0.30	1608
20	240	58	250 300	287 307	28 38	180 230	50	180 230	4	5	18	215 265	177.5	60 80	14	M12	0.50	2008