

Cabled Step Motors

Step motors with 10 foot shielded cables and optional encoders



Product Features

- Ten foot shielded cables with rugged strain relief
- Single shaft or dual shaft
- Optional 2000 line (8000 count/turn) optical encoder with differential output signals
- Optional rugged metal encoder housing with ten foot strain relieved, shielded cable

Series Details

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This range of high performance step motors is optimally designed for use with our high performance stepper drives. Ten foot shielded cables with rugged strain relief make these motors excellent choices for industrial environments.

HT23-598, HT23-601 and HT34-506 are specially designed for our ST and STR series DC stepper drives.

HT23-552/553/554 and HT34-495/496/497 are specially designed for our STAC5 and STAC6 high voltage AC stepper drives.

These motors are available with single shaft or dual shafts. The YAA and ZAA versions include a 2000 line (8000 count/turn) optical encoder with differential output signals for high noise immunity. The YAC and ZAC versions include a rugged metal housing and ten foot strain relieved, shielded cable.

When used with our popular drives, the encoders support position verification, stall detection and stall prevention.

Need a motor that can handle a wet or dusty environment? Consider our [IP65 rated step motors](#).

Products in the Series *Cabled Step Motors*

Part Number	Frame Size	Length	Holding Torque	Series Current	Parallel Current	Rotor Inertia
HT23-552	NEMA 23	1.71	84.4	0.71	1.41	1.70E-03
HT23-553	NEMA 23	2.17	167	0.71	1.41	4.25E-03
HT23-554	NEMA 23	3.05	255	0.71	1.41	6.80E-03
HT23-598C	NEMA 23	2.35	158	2.12	4.24	0.0036
HT23-601C	NEMA 23	3.20	269	2.12	4.24	6.51E-03
HT34-495	NEMA 34	3.11	555	2.15	4.30	2.27E-02
HT34-496	NEMA 34	4.63	1110	2.05	4.10	4.53E-02
HT34-497	NEMA 34	6.14	1694	2.55	5.10	6.80E-02
HT34-506C	NEMA 34	4.94	1260	2.8	5.6	0.0387
HT34-696	NEMA 34	4.59	1110	2.05	4.1	3.87E-02
HW23-598	NEMA 23	2.34	158	2.12	4.24	3.68E-03
HW23-601	NEMA 23	3.21	269	2.12	4.24	6.51E-03
HW23-753	NEMA 23	2.19	153	0.71	1.41	3.12E-03
HW23-754	NEMA 23	3.23	227	0.71	1.41	6.51E-03
HW24-108	NEMA 24	3.72	354	NA	4.0	1.27E-02
HW34-506	NEMA 34	5.0	1260	2.8	5.6	3.87E-02
HW34-696	NEMA 34	4.59	1062	2.03	4.06	3.87E-02