Two-phase stepper motors

MS 300/600/900 HT-2



General

Two-phase stepper motors behave similarly to synchronous motors. They are easy to control and are characterised by very long working life and reliability, at a favourable price. This results in a wide range of applications. Two-phase stepper motors in the MS range are of the high torque type. A particularly high torque is achieved by the use of rare earth magnets.

Technical specification

Description	Holding torque ^{Bipolar} Nm	Winding current per phase parallel/series A	Winding voltage per phase parallel/series V	Winding inductance per phase mH	Weight kg	Length (without shaft) mm	Part no.
MS 300 HT - 2	3.11	5.6 / 2.8	1.68 / 3.38	1.6	2.0	63	470821
MS 300 HT - 2 (brake)	3.11	5.6 / 2.8	1.68 / 3.38	1.6	2.75	104	470821 0200
MS 600 HT - 2	6.80	7.0 / 3.5	2.28 / 4.55	2.4	3.0	98	470851
MS 900 HT - 2	9.00	6.3 / 3.1	2.84 / 5.67	4.2	4.5	126	470881

