

High-Torque Stepping Motor

MS 300/600/900 HT



MS 900 HT

MS 600 HT

MS 300 HT

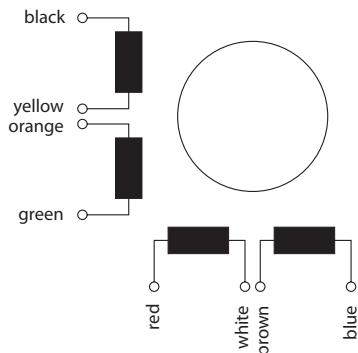
Features

- step angle 1.8°, less resolution due to micro-step operation
- very high torque due to rare-earth magnets
- optimised for application in positioning control units
- optimal torque/overall size ratio
- 6/8-wire connection for unipolar and bipolar operation
- minor step angle error, not cumulative
- second shaft end for the optional mounting of HP encoder

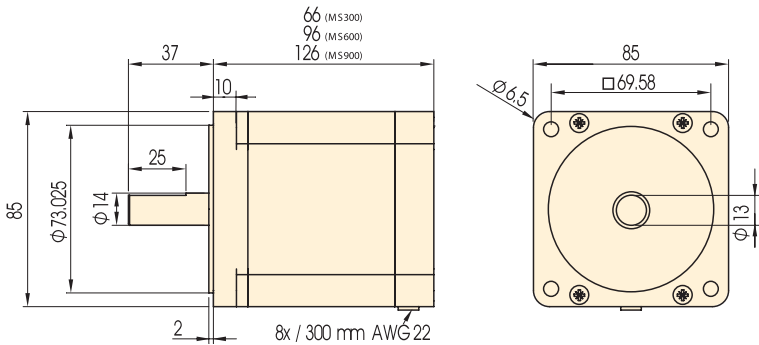
Technical data

Description	Item no.	Holding torque unipolar/bipolar Nm.	Winding torque per phase (unipolar) A	Coil voltage per phase V	Winding inductance per phase mH	Step angle °	Connecting lines	Weight kg	Flange dimension mm	Overall length (without shaft) mm	Ø / length shaft A-sided mm	Ø / length shaft B-sided mm
MS 300 HT	470820	2.15 / 3.01	4.5	2	1.5	1.8	8	1.7	85	66	14 / 37	-
MS 600 HT	470850	4.31 / 6	4.5	2.8	2.5	1.8	8	2.8		96		
MS 900 HT	470880	6.47 / 9	4	3.8	4.2	1.8	8	3.8		126		

Connection diagram

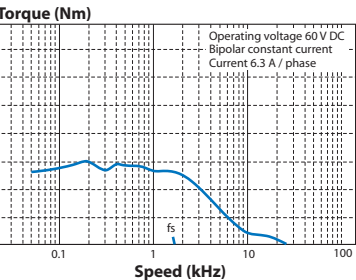


Scale drawing

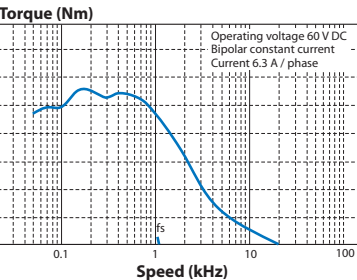


Torque curves

MS 300 HT



MS 600 HT



MS 900 HT

