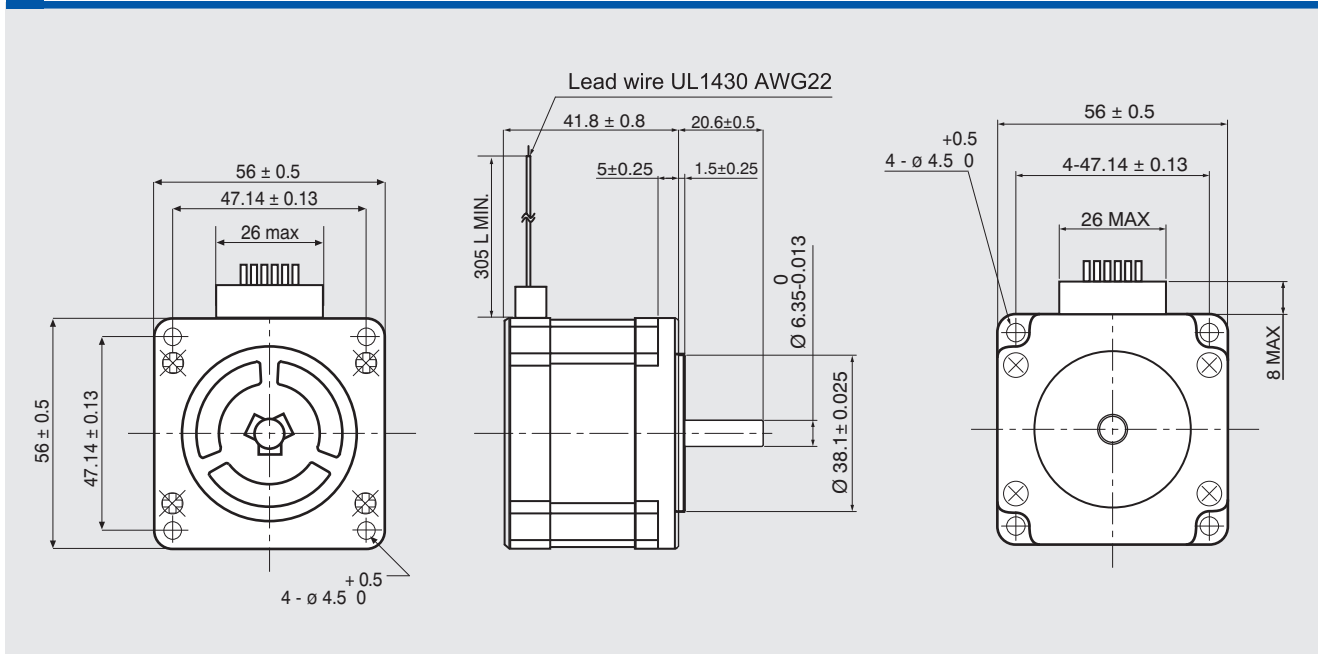


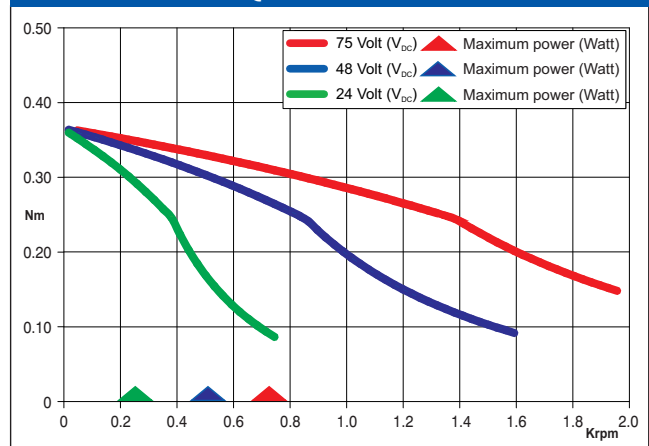
## Dimensions (Unit:mm)



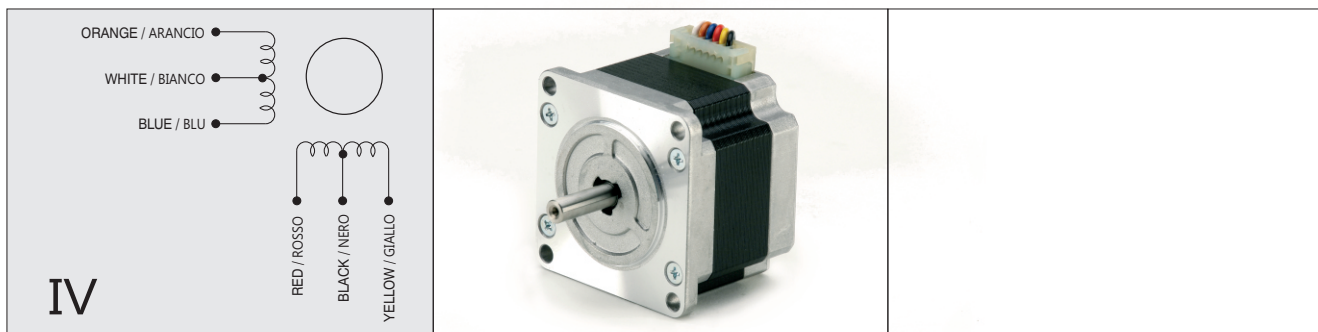
## FEATURES

MODEL	103-H7121-0440	
BASIC STEP ANGLE	$1.8^\circ \pm 0.09^\circ$	
BIPOLAR CURRENT	(Amp)	1.5 <sup>(*)</sup>
UNIPOLAR CURRENT	(Amp)	2.0
RESISTANCE	(Ohm)	1.25
INDUCTANCE	(mH)	1.9
BIPOLAR HOLDING TORQUE	(Ncm)	49
UNIPOLAR HOLDING TORQUE	(Ncm)	39
ROTOR INERTIA	(Kg $m^2 \times 10^{-7}$ )	100
THEORETICAL ACCELERATION	(rad x sec. <sup>-2</sup> )	50000
BACK E.M.F.	(V/Krpm)	20
MASS	(Kg)	0.47
LEADS CODE	IV	

## TORQUE/SPEED CURVE



(\*) Bipolar series connection.  
(\*) Collegamento bipolare serie.



Suggested R.T.A. driver: BSD Series, CSD/A-CSD Series, NDC/A-NDC Series, HGD Series.