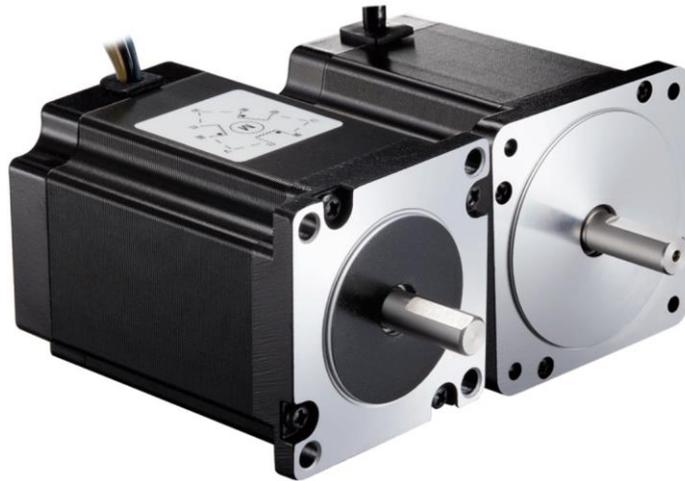


## 3S Series 3-Phase Stepper Motor

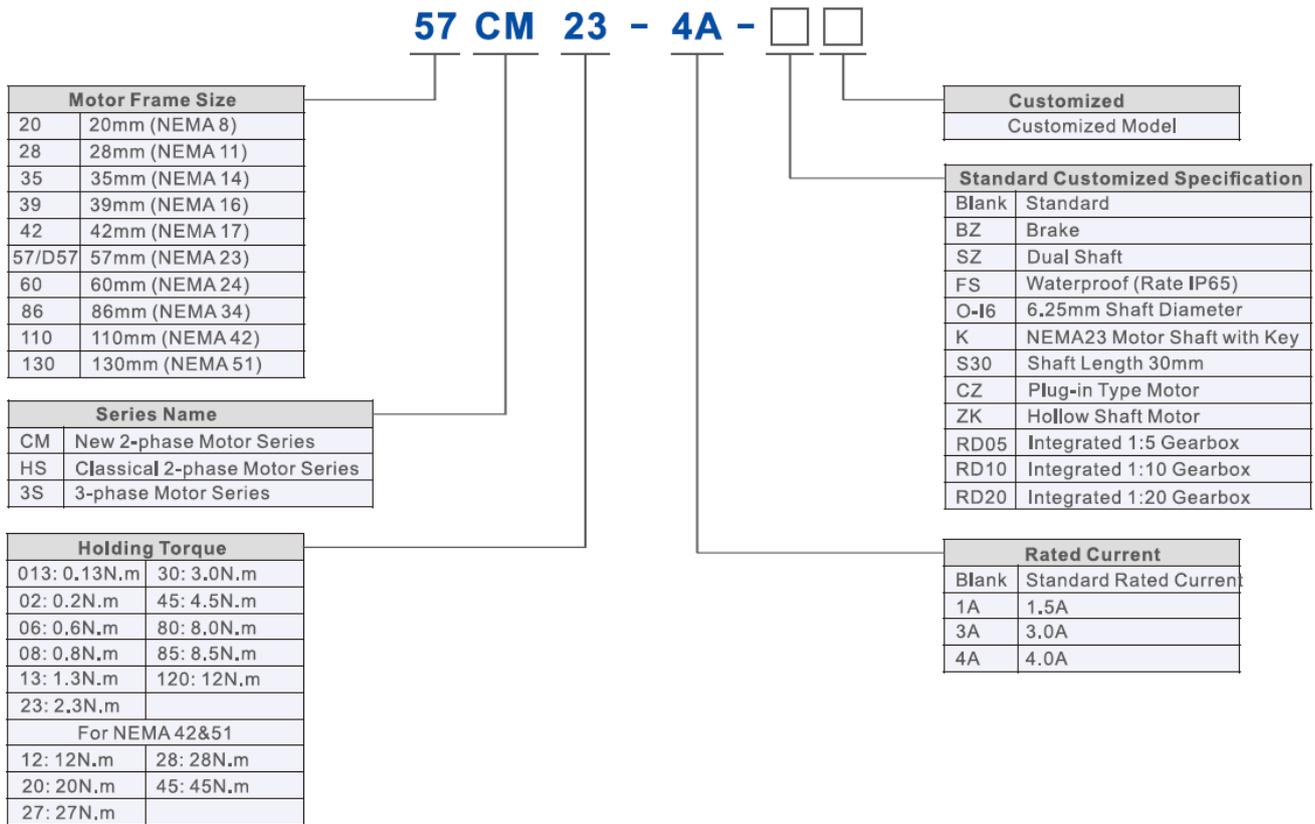
By implementing latest design and advanced manufacturing technologies, Leadshine offers hybrid stepper motors in wide frame sizes NEMA 23 and 34. Those stepper motors outperforms in many aspects such as high torque in all speed ranges, high precision, lower heating, and lower vibration. Due to the implementation of highly automated manufacturing process and rigid quality assurance control, Leadshine 3S series 3-phase stepper motors are highly reliable with high product consistency.



### Feature

- Full frame range of NEMA 23 and NEMA 34
- Max torque can reach up to 6.8N.m
- High torque in all speed ranges
- Lower heating
- Lower vibration
- Reliable and stable

## Model Designation



## Technical Specification

Item	Frame Size	Rate Current (A)	Holding Torque (N.m)	Type
Specific	<ul style="list-style-type: none"> <li>● NEMA 23</li> <li>● NEMA 34</li> </ul>	2.3~5.8	0.9~6.8	<ul style="list-style-type: none"> <li>● Standard motor</li> </ul>

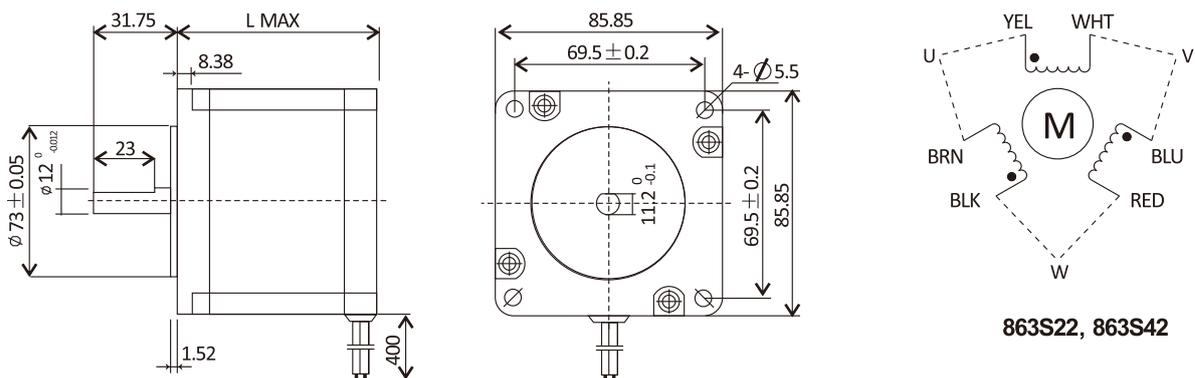
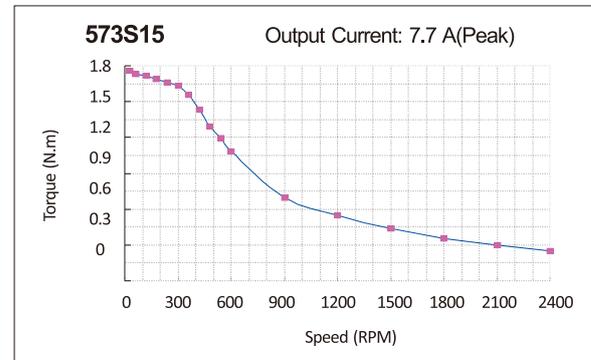
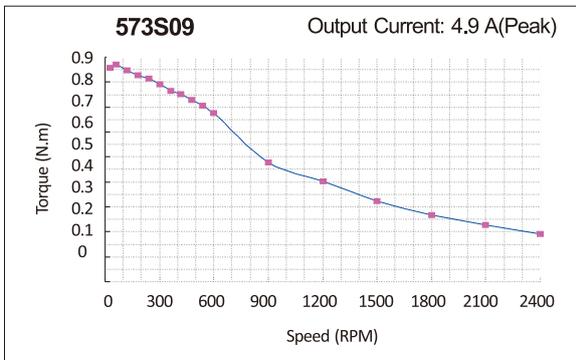
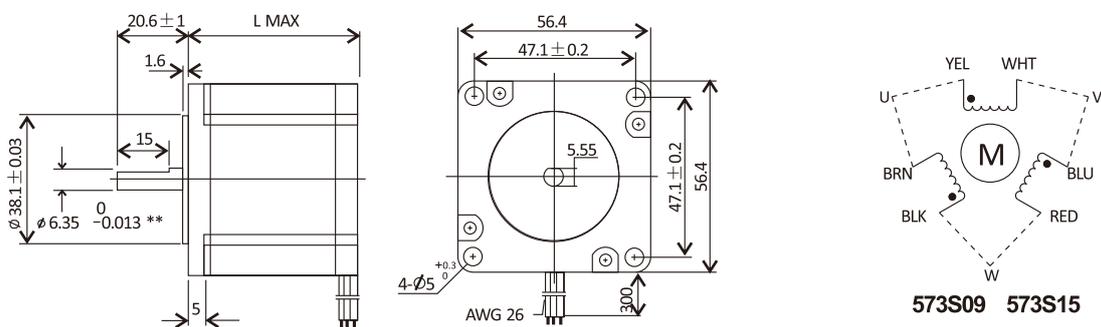
# Comprehensive Specification

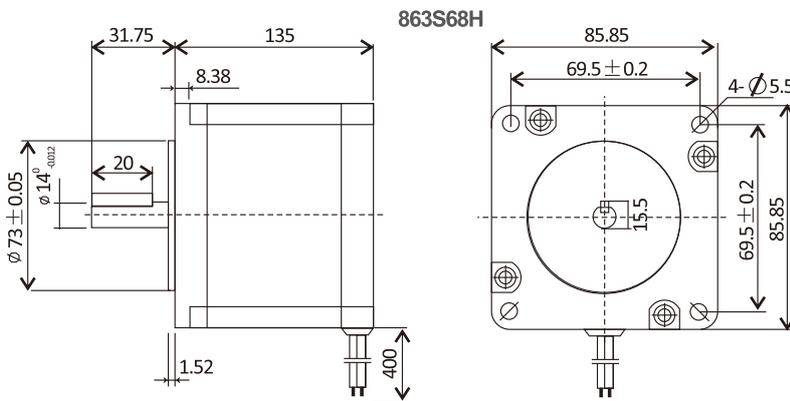
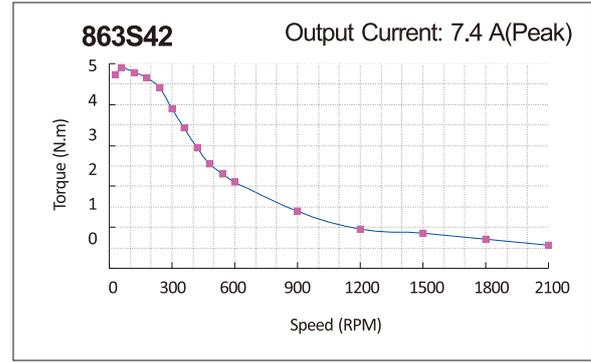
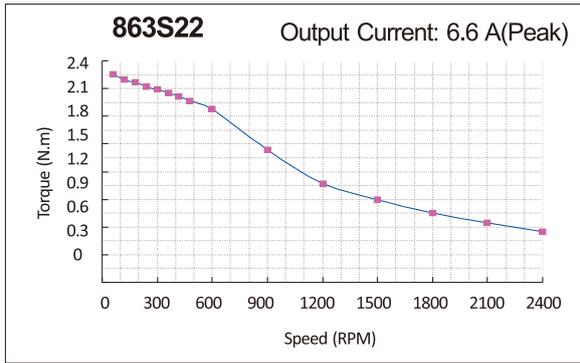


## Standard Models:

Model	Length L(mm)	Holding Torque(N.m)	Rate Current (A)	Resistance/Phase(Ω)	Inductance/Phase(mH)	Inertia (Kg.cm <sup>2</sup> )	Matching Drives
573S09	50	0.9	3.5	0.77	1.8	1.00	3DM580S
573S15	76	1.3	5.8	0.86	2.0	1.40	3DM580S
863S22	71	2.3	5	0.9	2.8	2.50	3ND883
863S42	103	4.3	5	1.35	4.5	2.70	3ND883
863S68H	135	6.8	2.3	4.5	20	2.94	3DM2283

Unit: mm 1inch=25.4mm





Specifications of Motor Shafts			
Model	T	KEY	D
863S68H	15.5	4*4*20	14

