

57mm Hybrid Stepper Motor with Spur Gearbox

FL57STH-60JB Geared Stepping Motor



FL 57 STH 56 - 60 JB 30

Ratio: 1:30
 Spur gearbox
 Gearbox frame: 60mm*60mm
 Motor model: same specs with FL57STH series motor

Gearbox Specification

Ratio	3	7.5	12.5	15	25	30	50	75	90	100	120	150
Weight	240g						300g					
Number of gear trains	2						3			4		
Nominal torque	10N.m											
Ultimate torque	15N.m											
Efficiency	81%						73%			66%		
Backlash	4 deg						3.5deg			2.5deg		

Geared Motor Specifications

Ratio		3	7.5	13	15	25	30	50	75	90
FL57STH41-60JB	Torque(N.m) (at 300rpm)	1	2.6	4.3	5.1	7.7	9.19	---	---	---
	speed(rpm)	100	40	24	20	12	10	---	---	---
FL57STH51-60JB	Torque(N.m) (at 300rpm)	1.8	4.3	7.1	8.5	---	---	---	---	---
	speed(rpm)	100	40	24	20	---	---	---	---	---
FL57STH56-60JB	Torque(N.m) (at 300rpm)	1.8	4.6	7.7	9.2	---	---	---	---	---
	speed(rpm)	100	40	24	20	---	---	---	---	---
FL57STH76-60JB	Torque(N.m) (at 300rpm)	2.9	7.3	---	---	---	---	---	---	---
	speed(rpm)	100	40	---	---	---	---	---	---	---

Dimensions

RATIO	L2(mm)				L1(mm)
	FL57STH41-60JB	FL57STH51-60JB	FL57STH5	FL57STH7	
3---15	40	50	55	75	32
25--150					40

