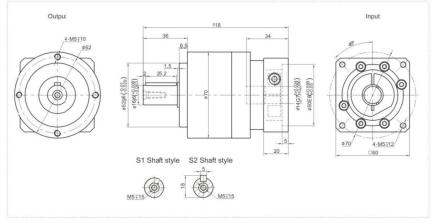
TE Series - High Precision Planetary Reducer

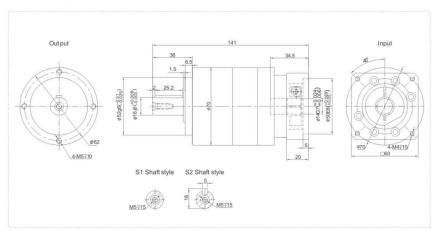


TE070 Series

TE070 One Stage



TE070 Two Stage



Performance Data

TE series offer additional installation flexibility in addition to TB series but with zero compromise in performance. It is with high precision and robust design.

TE070						On	e Sta	ge			Two Stage											
Speed Ratio		ì	3	4	5	6 7 8			9 10		15 20		25	25 30		40	40 50		60 70		80 10	
Neminal Output Torque	Т,	Nm	52	50	58	55	50	45	-	42	52	50	58	55	50	45	58	55	50	45	4	
Emergency Stop Torque	T ₂	Nm	T,×3								T,×3											
Neminal Input Speed	S	rpm	5000								5000											
Maximum Input Speed	S ₂	rpm	10000								10000											
Maximum Output Torque	T4	Nm	T,×3×60%								T,×3×60%											
Maximum Radial Force	F.	N	1377								1377											
Maximum Axial Force	Fь	N	765								765											
Tersional Rigidity	-	Nm/arcmin	7							7												
Efficiency	η	%	≥97							≥94												
Service Life	-	h	20000							20000												
Noise	-	dB	≤58								≤58											
Weight	-	Kg	1.4								1.6											
Backlash	P0		-								-											
	ΡΊ	arcmin	≤ 3							≤5												
	P2		≤ 5							≤7												
Operating Temperature	-	°C	-20~90								-20~90											
Lubrication		-	Synthetic Grease								Synthetic Grease											
Protection Class		-	IP65								IP65											
Mounting Position		-	Any Direction								Any Direction											
Moment of Inertia	J	kg.cm²	0.16 0.14 0.13													0.13	3					

Notes:

- ♦ When the output speed is 100 rpm, it acts on the center of the output shaft.
- For continuous operation, the service life is no less than 10,000 hours.
- The noise value was measured based on the input rotational speed of 3000 rpm, i=10.

Any product models and parameters in this sample are subject to change without prior notice. Please confirm with the company before ordering.

55