
GEARBOX

PRODUCT SERIES	MP - Precision Planetary Gearboxes
VERSION	G - Orthogonal Stadium
FRAME SIZE	080 - Mn2=70Nm/Tn2=619.5LbIn
REDUCTIONS	2 - 2 Reduction Stages
GEAR RATIO	4
ANGULAR BACKLASH	STD - Standard Angular Backlash
INPUT SECTION	FM
KEYING CRANKSHAFT	CD - Clamp Clamp
HOLE DIAM.INPUT SHAFT	16 - I/P Shaft diam. ø16 [mm]
SERVICE TYPE	S5 - Intermittent Duty
MOUNTING POSITION	OR - Horizontal Mounting Position
OUTPUT SHAFT BEARINGS	SB - Standard Bearings
OUTPUT SHAFT CONFIG.	KE - Keyed Output Shaft

TECH.DATA

Mn2 Output rated torque [Nm]	50
Ma2 o/p maxi.accel.torque [Nm]	80
Mp2 o/p emerg.stop torque [Nm]	200
n1 Input Speed [min-1]	3100
n1max max.mom.I/P speed[min-1]	4500
φ Angula.backlash [arcmin]	15'
Ct torsio.stiffne. [Nm/arcmin]	7.0
R1max I/P Radia.force admis[N]	N/A
R2max o/p max.forc.ap.shaft[N]	1300
A2max o/p max.ax.forc.shaf [N]	1400
η [%]	94
Lubrificant	KLUBERSYNTH GE 46-1200