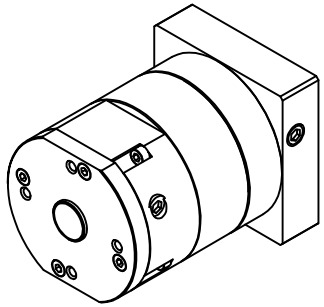
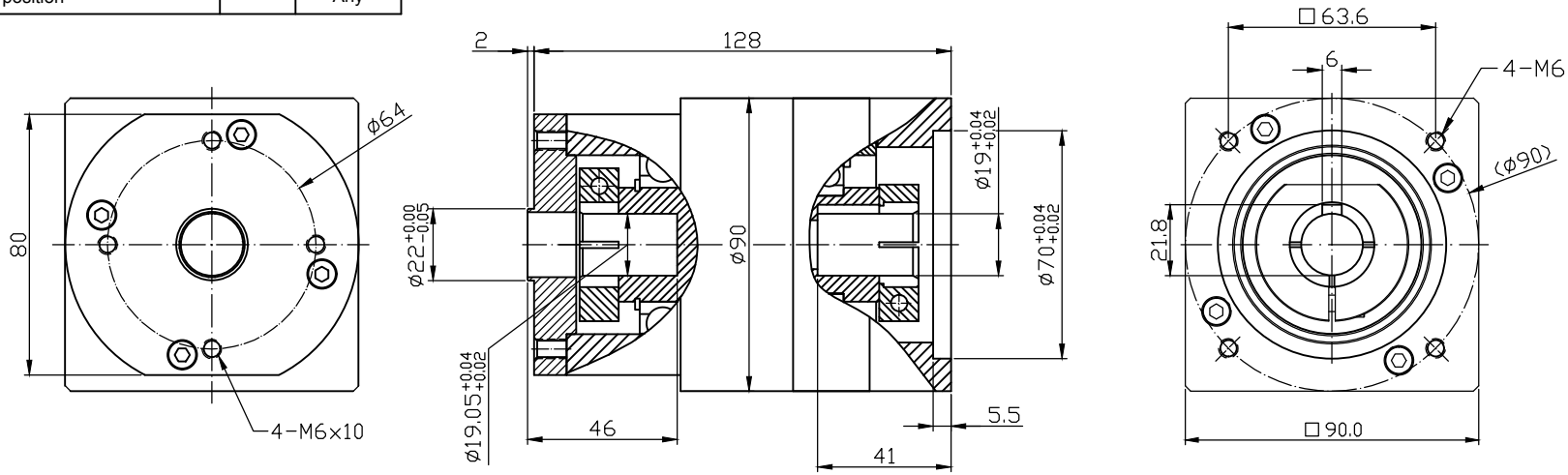
Frame size	mm	90
Gear Ratio	i	5
Rated output torque	Nm	59
Max output torque	Nm	59
Max radial load	N	2450
Max axial load	N	2200
Max input speed	RPM	8000
Noise Level	dB(A)	≤64
Backlash	arcmin	≤6
Operating temp.	°C	-25~90
Lifetime	Hrs	20000
Efficiency	%	≥96
Degree of protection		IP 65
Mounting position		Any





UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN mm
ALL ANGLES ±0.5°
BREAK ALL EDGES 0.2mm~0.8mm
DECIMALS .X ±0.2 / .XX ±0.05
T.I.R. ◎ 0.05 ⌖ 0.05 ⫽ 0.05

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	DATE	NAME
DRAWN	2018.03.01	
CHECKED		
APPROVED		

MATERIAL:
HEAT TREATMENT:
FINISH:

Mach Motion Products

TITLE	90 Type Planetary Gearhead 5:1
PART NO.	MPS-90-005-06-LMA
DWG.NO.	
NOTE	
SCALE	1:2
SHEET	
REV	2