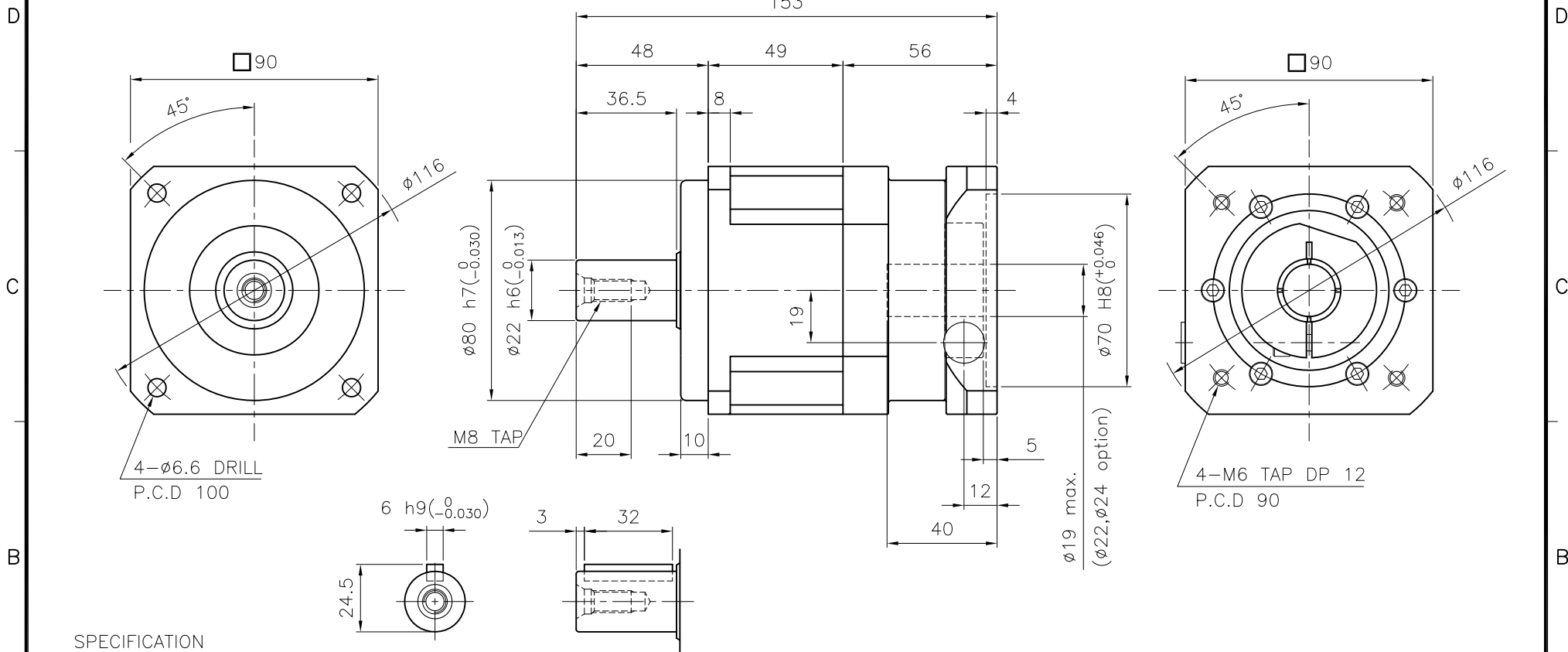


DWG. NO.

MARK	DATE	REVISION	REASON	SIGNATURE



SPECIFICATION

1. Reducer Stage : 1 Output Shaft of Key Type (S2-Option)
2. Ratio : 1/3~1/10
3. Output Shaft Shape : Non-Key Type (S1)
Key Type (S2)
4. Backlash
 - 4-1) Precision Backlash P1(≤3 arcmin)
 - 4-2) Low Backlash P2(≤5 arcmin)
 - 4-3) Standard Backlash P3(≤8 arcmin)
5. Input Shaft Dia. : $\phi 19$ max. ($\phi 22, \phi 24$ option)
In case that motor shaft Dia. is smaller than $\phi 19$ or is $\phi 22$ Option
Bushing is supplied

GENERAL TOLERANCE (mm)	SURFACE ROUGHNESS		-		NP-090	$\phi 116 \times 153$	-	1			
0.5~3	±0.1	Ra	Rmax	FINISH MARK	NO.	DESCRIPTIONS	SIZE	MAT'L	Q'TY	WEIGHT (kgf)	REMARKS
3~6	±0.1	✓	~	~	CUSTOMER	STANDARD	SCALE	1 / 1.5	PROJECTION	⊕	
6~30	±0.2	100S	50S	~	TITLE	NP-090(1/3~1/10) Precision Planetary Gearhead	DWG. NO.	NP09000A1-090B	REV. NO.	0	
30~120	±0.3	12.5	25S	~	DRAWN	S.R. JEON	CHECKED		APPROVED		
120~400	±0.5	12.5S	~	~	2018.07.24						
400~1000	±0.8	6.3S	3.2S	~	NARA DRIVE						
1000~2000	±1.2	0.8S	~								
2000~4000	±2	0.4S	~								