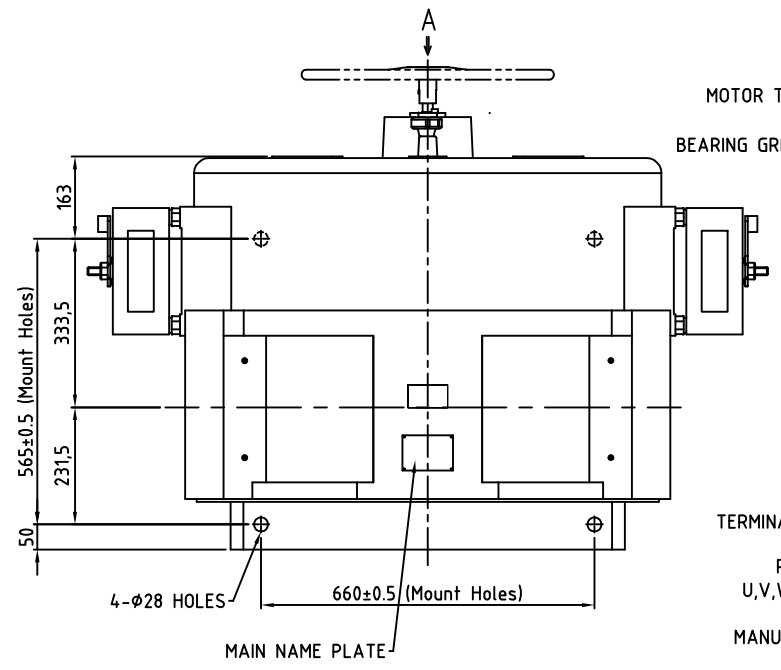
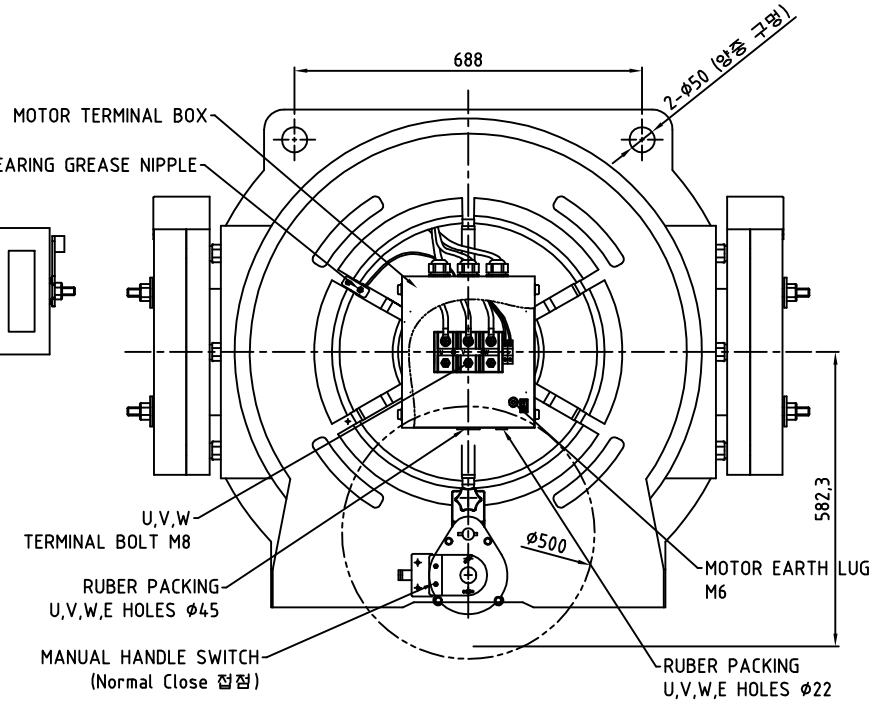
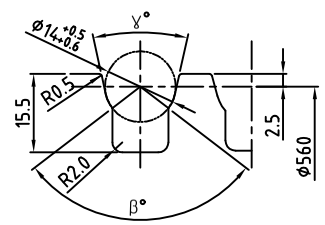
D0000C003





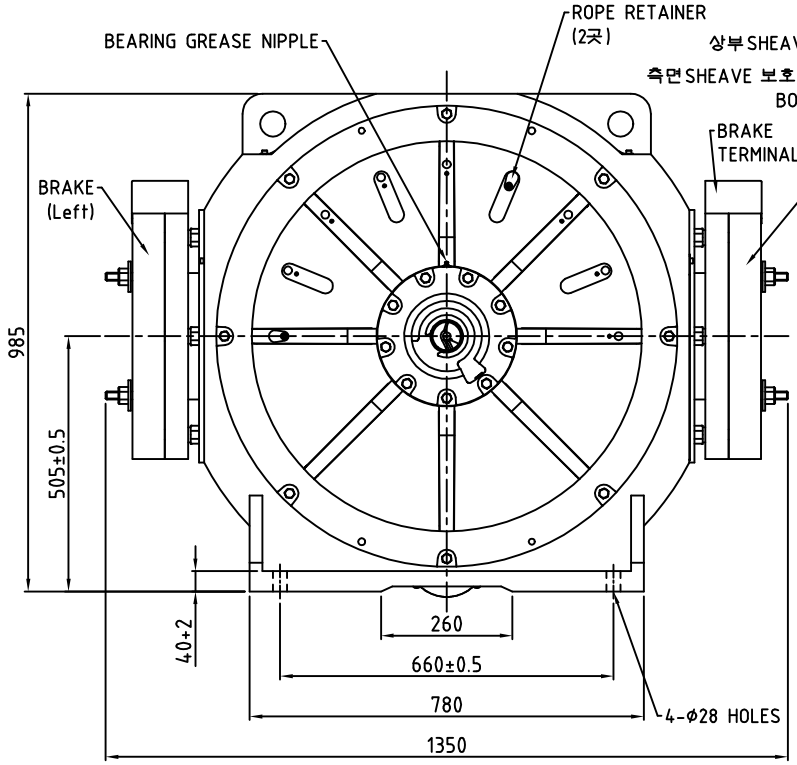
BACK VIEW A

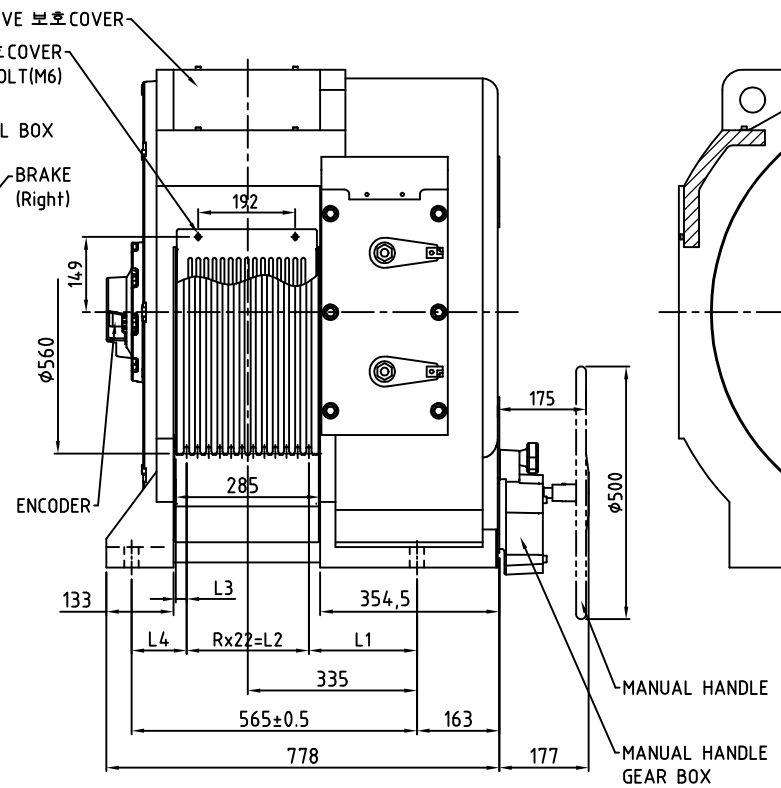
Groove Detail
(Scale 10:1)

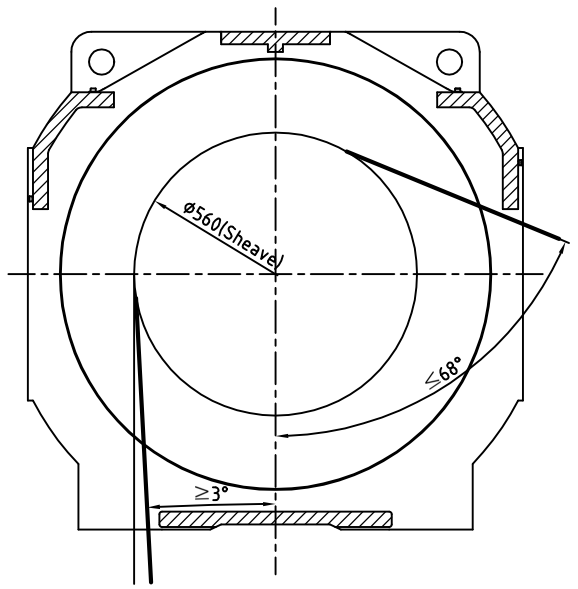


Sheave & Groove 변화 치수표

본수	R	L1	L2	L3	L4	β°	γ°	비 고
5본	4	291	88	98.5	186	95	25/30	
						105	25	
6본	5	280	110	87.5	175	95	25/30	
						105	25	
7본	6	269	132	76.5	164	95	25/30	
						105	25	
8본	7	258	154	65.5	153	95	25/30	
						105	25	
9본	8	247	176	54.5	142	95	25/30	
						105	25	
10본	9	236	198	43.5	131	95	25/30	
						105	25	







ROPPING 허용 각도

SHEAVE Ø560
<ROPE Ø14일 때>

GEARLESS TRACTION MACHINE SPEC TABLE		
TRACTION MACHINE	Model Name	MGK640
	Type	Single Wrap Gearless
	Shaft Load [kg]	18,000
	Roping	2 : 1
	Rated Load [kg]	2,500 ~ 5,000
	Rated Speed [m/s]	0.5 ~ 2.0
	Rated Power [kW]	8.1 ~ 64.7
	Rated Volt. [V]	220/380
	Rated Current [A]	21 ~ 153
	Rated Freq. [Hz]	13.6 ~ 54.4
	Rated Revol. [rpm]	34 ~ 136
	Rated Torq. [N.m]	2,270 ~ 4,540
	Pole	48P
	Rated Operating Time	40%ED / 1 HOUR DUTY
	Max Hoisting Height[m]	100
	IP Class	IP41
	Weight [kg]	2,100
BRAKE	Model	EMK34K
	Brake Type	Drum-Block Type
	Braking Torq. [N.m]	2×6,500 = 13,000
	Pick-up Volt. [V]	DC 110
	Hold Voltage [V]	DC 80
	Pick-up Current [A]	2×3.3 (parallel)
	Hold Current [A]	2×2.4 (parallel)
	Coil Insulation Class	F
ENCODER	Model	ERN1387 (Heidenhain사)
SHEAVE	Sheave P.C.D [mm]	560
	Rope Dia. [mm]	ø14
	Groove count [본]	5 ~ 10
	Pitch [mm]	22
BEARING	Front Bearing	22222CC/W33
	Rear Bearing	22222CC/W33
MANUAL HANDLE	TM Gear Teeth	208/11
	Handle Gear Teeth	40/14
	Handle Wheel Dia.[mm]	450

DISTRIBUTION

MARK	REVISION	DESCRIPTION	DATE	NAME

DWG SIZE A3	NAME	DATE	SCALE 1:1	UNIT mm
DESIGNED BY	Y. B. PARK	'25.06.11		
CHECKED BY	Y. H. ROH	'25.06.11		
APPROVED BY	N. J. CHOI	'25.06.12		

D&I Solution
디앤아이 솔루션(주)

DWG TITLE: 외 형 도

MODEL NAME: MGK640 (Sh. Ø560)

DWG NO. D000C003