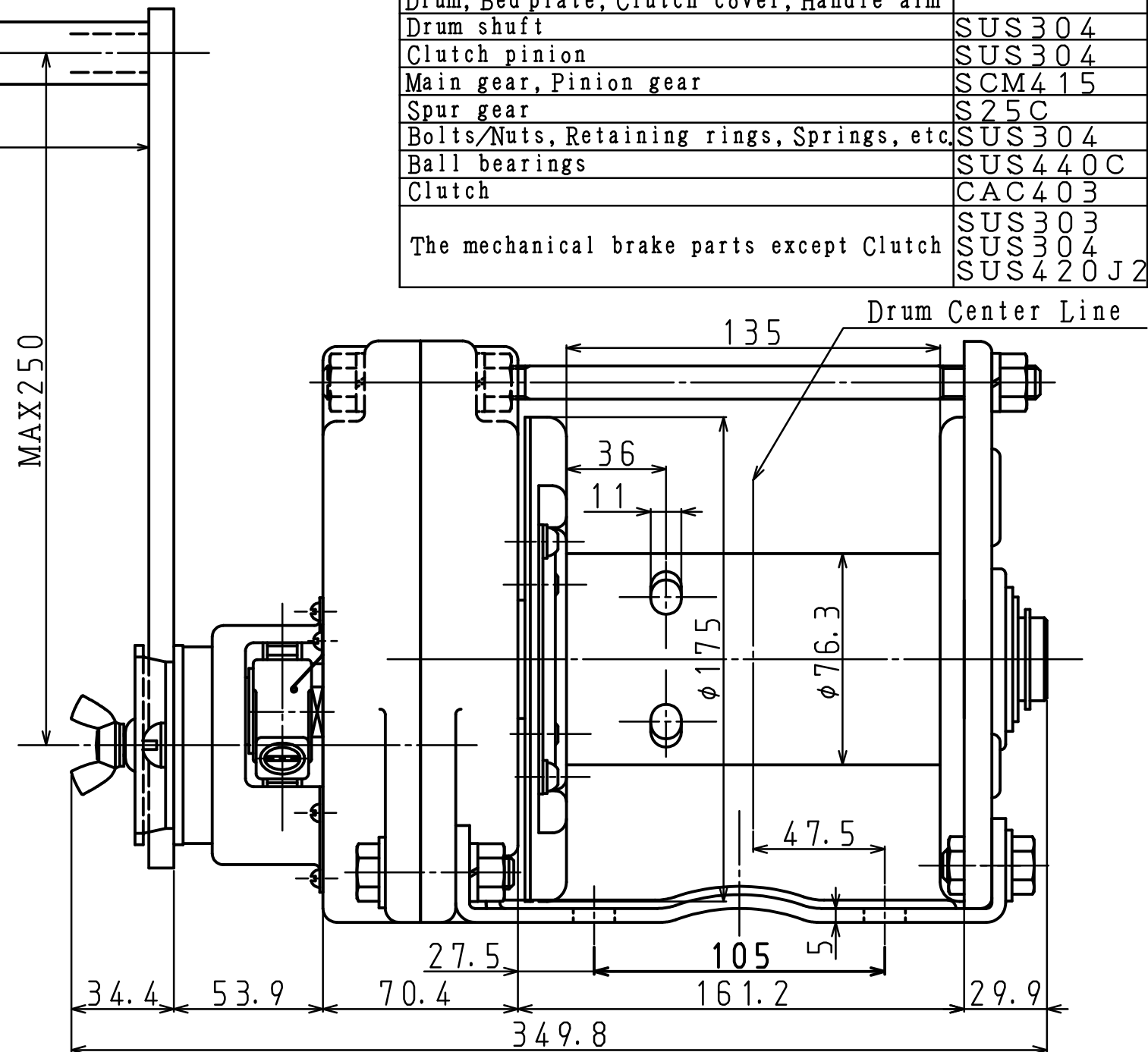
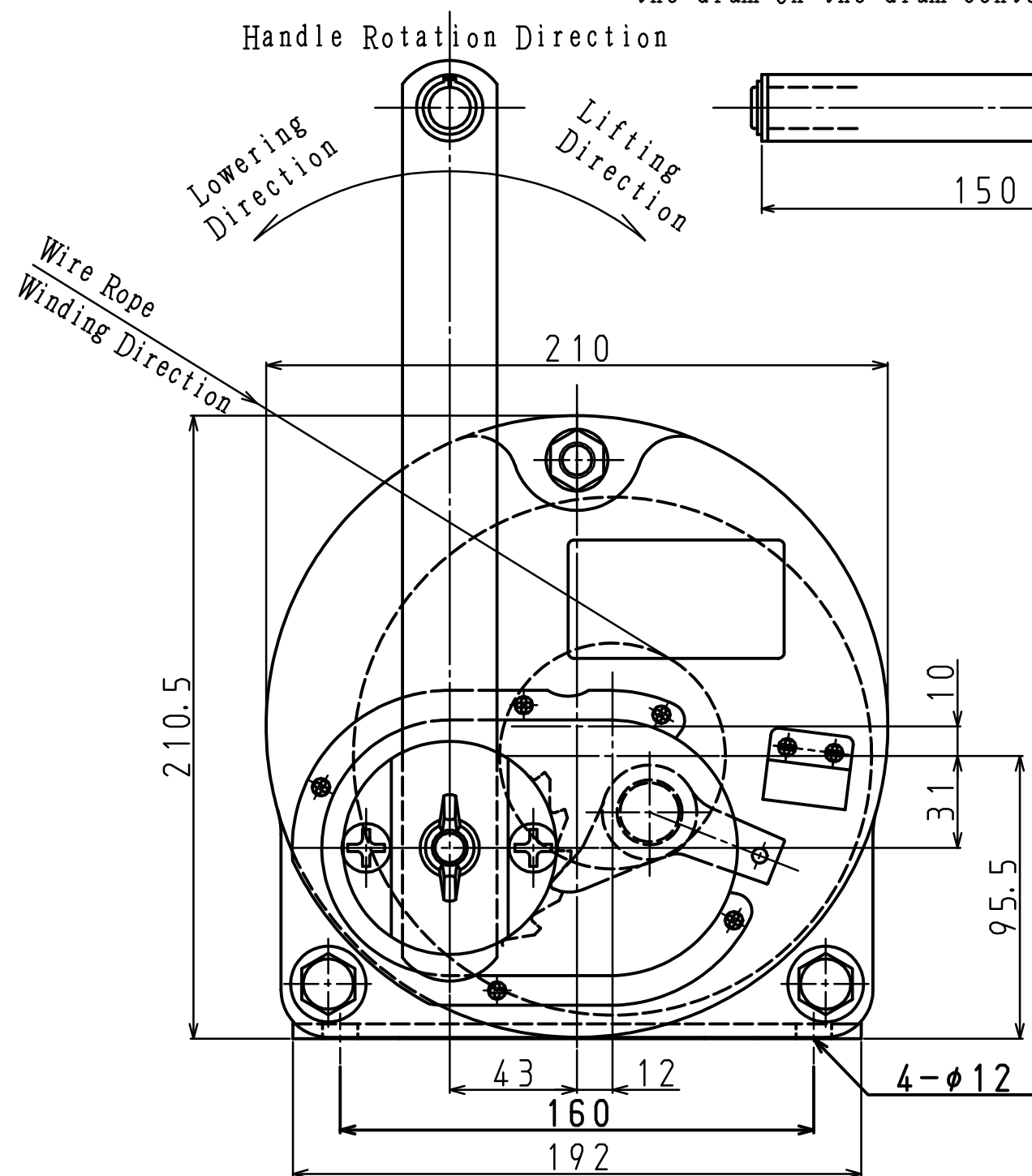


It is necessary the fleet angle is 2 degrees or less to prevent the wire rope being unevenly wound to wind the wire rope uniformly.
Please install the pulley 1800mm or more away from the drum on the drum center line.



REVISION	..				
Δx	..		Δx	..	
Δx	..		Δx	..	

[Materials of the main parts]

Gear case, Gear case cover, Side frame, Drum, Bed plate, Clutch cover, Handle arm	SUS304
Drum shaft	SUS304
Clutch pinion	SUS304
Main gear, Pinion gear	SCM415
Spur gear	S25C
Bolts/Nuts, Retaining rings, Springs, etc.	SUS304
Ball bearings	SUS440C
Clutch	CAC403
The mechanical brake parts except Clutch	SUS303 SUS304 SUS420J2

Specifications

(The wire rope composition is a manufacturer recommendation.)

Model	ESB-5	Handle Operation Power	Handle Length 250mm Wire Rope Tension 4,900N	1st Layer 109N (=11.1kgf) 3rd Layer 142N (=14.4kgf) 5th Layer 174N (=17.7kgf)
Load Rating Wire Rope Tension	4,900N (=500kgf) (5th Layer or Less)	Weight (Winch+Handle)	15.6kg	
Wire Rope Length	φ6mm (6×37)×40m (6th Layer)	Standard Accessories	One Handle One Hex Wrench for Wire Lock	
Gear Ratio	1/8.9			
Handle Length	250mm (Effective Max.)			

MARK	PARTICULARS	MATERIAL	TEST PIECE	WORKING NO. REQUIRED (PER)	SPARE	TOTAL	PER ONE WEIGHT IN g	TOTAL	REMARKS
MANAGER							WORK NO.		QUANTITY
DEPUTY MANAGER									
CHIEF	I. Takahashi	MAXPULL STAINLESS WINCH (ELECTROLYTIC POLISHING)					CLASSIFICATION		SCALE
ENG'R IN CHARGE									/
CHECKED BY							DRAWING NO.		
DRAWN BY	T. Yonezawa	MODEL ESB-5							
DATE DRAWN	2010/12/01								

MAXPULL MACHINERY & ENGINEERING CO., LTD.