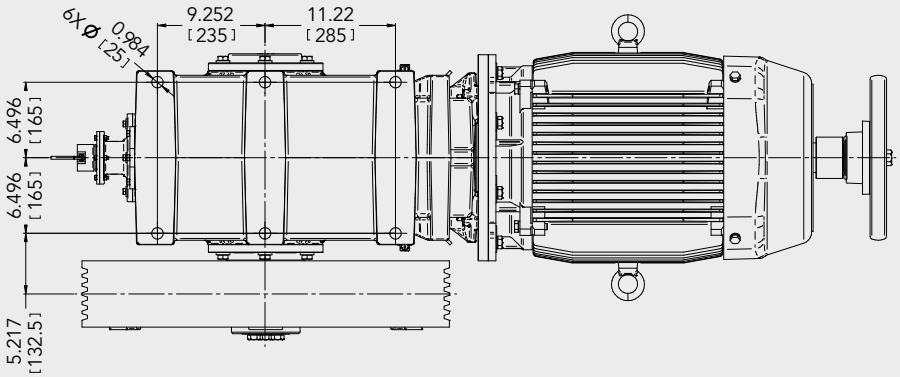
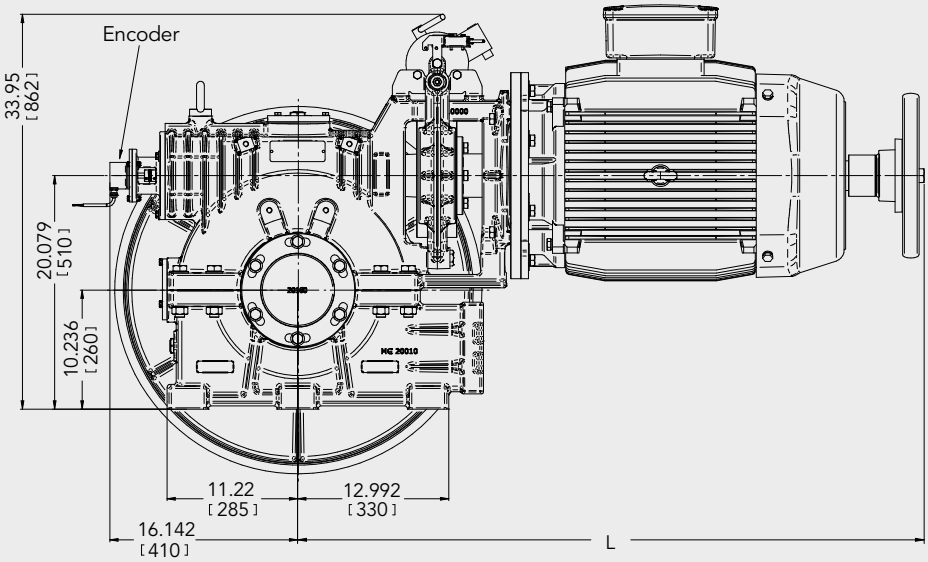
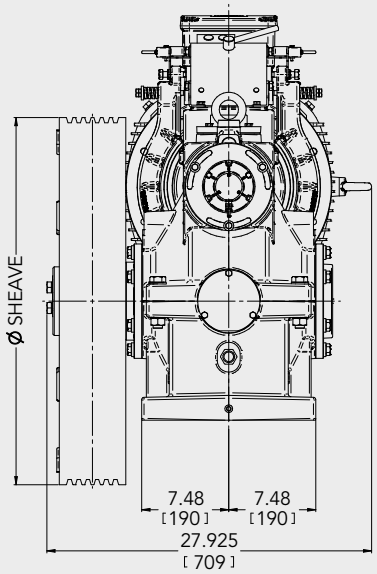
Montanari NORTH AMERICA Inc.

STATIC LOAD [lbs]	MOTOR	REDUCTOR WEIGHT [lbs]	OIL CAPACITY [gal]
21600	VVVF 4P & 6P	1477	4.35

BRAKE FEATURES				
FORCE [N]	PICK VOLTAGE	HOLD VOLTAGE	POWER	BRAKE CERTIFICATION
600	207VDC - 2 A	207VDC - 2 A	160 W (0.21 hp)	CSA 1030526







	WITH FLYWHEEL [in]	MOTOR POWER [HP]	MOTOR POLES [n°]
LENGHT **(L)** in above technical drawing	43.44	15	4
	46.2	15	6
	45.22	20	4
	46.2	20	6
	46.2	25	4
	47.19	30	4
	49.51	40	4
	53.76	50	4

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OVERHEAD MR INSTALLATION

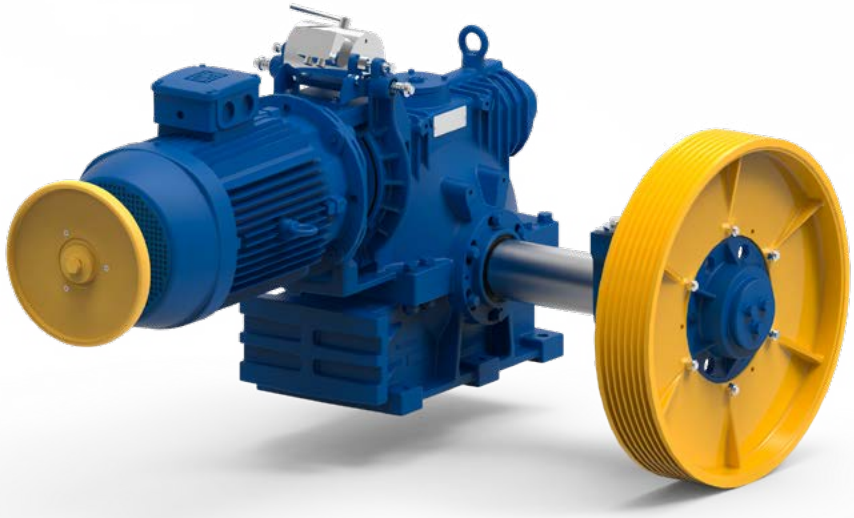
	LOAD [lbs]	SPEED [fpm]	GEAR RATIO	SHEAVE [in]	ROPES [in]	POWER [HP]	POLES [n°]	FREQUENCY [Hz]	VOLTAGE [V]
1:1	3000	100	1/65	25.6	5 x 5/8	15	6	60	208/360
		150	1/49	25.6	5 x 5/8	20	6		208/360
		200	1/49	25.6	5 x 5/8	25	4		208/360
		250	1/49	25.6	5 x 5/8	25	4		208/360
		300	2/63	29.5	5 x 5/8	30	4		208/360
		350	2/63	25.6	5 x 5/8	40	4		208/360
		400	2/53	25.6	5 x 5/8	40	4		208/360
		500	2/53	29.5	5 x 5/8	50	4		480
	3500	100	1/49	25.6	5 x 5/8	20	6		208/360
		150	1/49	25.6	5 x 5/8	20	6		208/360
		200	1/49	25.6	5 x 5/8	30	4		208/360
		300	1/49	29.5	6 x 5/8	50	4		480
		350	2/53	25.6	6 x 5/8	50	4		480
		400	2/53	25.6	6 x 5/8	50	4		480
	4000	100	1/65	25.6	6 x 5/8	20	6		208/360
		150	1/65	25.6	6 x 5/8	25	4		208/360
		200	1/49	25.6	6 x 5/8	30	4		208/360
		250	1/49	25.6	6 x 5/8	30	4		208/360
	4500	100	1/65	25.6	6 x 5/8	20	6		208/360
		150	1/65	25.6	6 x 5/8	30	4		208/360
		200	1/65	25.6	6 x 5/8	30	4		208/360

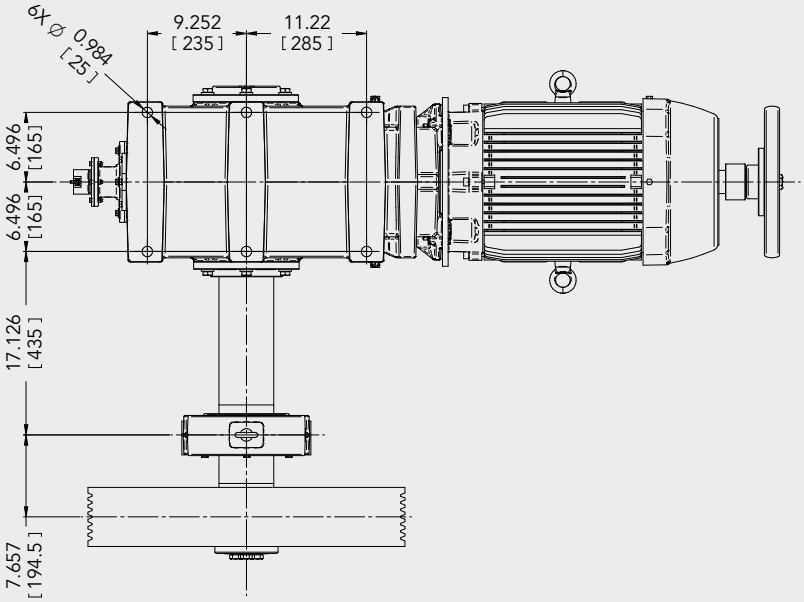
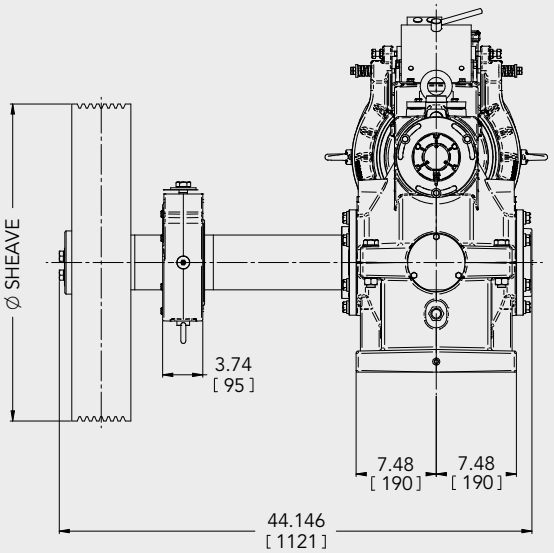
Note: Single wrapping and 40% balanced.

BASEMENT MR INSTALLATION

	LOAD [lbs]	SPEED [fpm]	GEAR RATIO	SHEAVE [in]	ROPES [in]	POWER [HP]	POLES [n°]	FREQUENCY [Hz]	VOLTAGE [V]
1:1	2500	100	1/65	25.6	5 x 1/2	15	6	60	208/360
		150	1/65	25.6	5 x 1/2	20	4		208/360
		200	1/65	29.5	5 x 1/2	20	4		208/360
		250	1/49	29.5	5 x 1/2	25	4		208/360
		300	2/63	25.6	5 x 1/2	30	4		208/360
		350	2/63	25.6	5 x 1/2	30	4		208/360
		400	2/53	25.6	5 x 1/2	40	4		208/360
		450	2/53	25.6	5 x 1/2	40	4		208/360

EXTENDED SHAFT



The technical details* for the M105AL with extended shaft are the same as the standard M105 model. For extended shaft gears, it is necessary to orient the support in the direction of the load to determine allowable static load on the shaft.

** Please refer to the standard model's data tables.*