



Feature	Capacity (U.S. Tons)							
	15	20	25	30	40	45	50	60
HOIST LIFTING SPEED (FPM)	30	22	18	15	14	13	14	12
HOIST MOTOR HP	30	30	30	30	40	40	50	50
OPTIONAL LIFTING SPEEDS AVAILABLE (FPM)	40, 50, 60	29, 37, 45	24, 30, 36	20, 25, 30	18, 21	16, 20	17	14
HOIST MOTOR FRAME SIZE (IEC DESIGNATIONS)	180L	180L	180L	180L	200L	200L	225S	225S
HOIST FULL LOAD AMPS @ 460V POWER	37.2	37.2	37.2	37.2	48	48	58	58
HOIST MOTOR RPM	1765	1765	1765	1765	1780	1780	1765	1765
HOIST BEARING LIFE (HOURS)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
TROLLEY TRAVERSE (FPM)	100	100	100	100	100	100	100	100
TROLLEY MOTOR HP	1.5 (X 2)	1.5 (X 2)	2 (X 2)	2 (X 2)	3 (X 2)	3 (X 2)	3 (X 2)	5 (X 2)
TROLLEY MOTOR FRAME SIZE	D80	D80	D90L	D90L	215 w/ 184TC FACE			215TC
TROLLEY FULL LOAD AMPS @ 460V POWER	2.3 (x2)	2.3 (x2)	3.2 (x2)	3.2 (x2)	4.5 (x2)	4.5 (x2)	4.5 (x2)	7 (x2)
TROLLEY MOTOR RPM	3960	3960	1670	1670	1725	1725	1725	1725
TROLLEY BEARING LIFE (HOURS)	10000	10000	10000	10000	10000	10000	10000	10000
STANDARD GAGE (INCHES)	60	60	60	72	78	78	84	84
STANDARD LIFT (FT.)	50	50	33	44	37	30	33	28
WHEEL LOAD @ ALL FOUR WHEELS (LBS.)	9,000	12,000	15,000	18,000	24,000	27,000	30,000	36,000
TROLLEY WHEEL DIAMETER	200 MM	200 MM	260 MM	260 MM	12"	12"	12"	15"
TROLLEY WHEEL HARDNESS (BHN.)	300-350	300-350	300-350	300-350	400-450	400-450	400-450	400-450
OPERATE ON BOTH ASC E RAIL & SQUARE BAR?	YES	YES	YES	YES	YES	YES	YES	YES
HOIST MOTOR BRAKE TYPE	DC	DC	DC	DC	DC	DC	DC	DC
MANUAL RELEASE TYPE	SPRING RETURN TO ON							
HOIST MOTOR TORQUE RATING (BRAKE RATING 200% MIN.)	210.29%	210.29%	210.29%	210.29%	252.85%	252.85%	202.19%	202.19%
HOIST MOTOR DUTY	S1-CONTINUOUS	S1-CONTINUOUS	S1-CONTINUOUS	S1-CONTINUOUS	S1-CONTINUOUS	S1-CONTINUOUS	S1-CONTINUOUS	S1-CONTINUOUS
MOTOR INSULATION CLASS	F	F	F	F	F	F	F	F
HOIST THERMAL OVERLOAD PROTECTION	TAS IN MOTOR & THERMAL OVERLOAD PROVIDED WITH VFD							
TROLLEY DRIVE TYPE	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD
TROLLEY MOTOR BRAKE TYPE	DC	DC	DC	DC	AC	AC	AC	AC
TROLLEY MOTOR TORQUE RATING (BRAKE RATING 50% MIN.)	86.5%	86.5%	116.6%	116.6%	65.72%	65.72%	65.72%	65.70%
MANUAL RELEASE TYPE	N/A	N/A	N/A	N/A	MAINTAINED - AUTO RESET			
MOTOR INSULATION CLASS	F	F	F	F	F	F	F	F
TROLLEY THERMAL OVERLOAD PROTECTION	TAS IN MOTOR & THERMAL OVERLOAD EXTERNAL (OPTIONAL)							
NUMBER OF REDUCTIONS ON GEAR DRIVE	3	3	3	3	3	3	3	3
HELICAL GEAR OR COMBINATION HELICAL & SPUR	HELICAL	HELICAL	HELICAL	HELICAL	HELICAL	HELICAL	HELICAL	HELICAL
AGMA STANDARD	AGMA CLASS 13	AGMA CLASS 13	AGMA CLASS 13	AGMA CLASS 13	AGMA CLASS 13	AGMA CLASS 13	AGMA CLASS 13	AGMA CLASS 13
GEAR CASE MATERIAL	GRAY IRON	GRAY IRON	GRAY IRON	GRAY IRON	GRAY IRON	GRAY IRON	GRAY IRON	GRAY IRON
DOES IT HAVE OVERHUNG GEARING?	YES	YES	YES	YES	YES	YES	YES	YES
PARTS OF ROPE	4	4	6	6	8	10	10	12
ROPE DIAMETER (MM)	16	16	16	16	16	16	16	16
WIRE ROPE TYPE	DYNAFLEX DFS 8							
WIRE ROPE DRUM MATERIAL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
WIRE ROPE DRUM DIAMETER (INCHES)	16	16	16	16	16	16	16	16
WIRE ROPE DRUM GROOVE DEPTH (%)	50	50	50	50	50	50	50	50
UPPER BLOCK SHEAVE MATERIAL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
UPPER BLOCK SHEAVE DIAMETER (INCHES)	16	16	16	16	16	16	16	16
REMOVABLE FROM UPPER SHEAVE NEST?	YES	YES	YES	YES	YES	YES	YES	YES
LOWER BLOCK SHEAVE MATERIAL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
LOWER BLOCK SHEAVE DIAMETER (INCHES)	16	16	16	16	16	16	16	16
ROLLER THRUST BEARING?	YES	YES	YES	YES	YES	YES	YES	YES
HOOK MATERIAL	ALLOY	ALLOY	ALLOY	ALLOY	ALLOY	ALLOY	ALLOY	ALLOY