



8 Trolley Speed Tables

8.1 Class I, Division 2

8.1.1 Low Headroom, Contactor Control

Frame	Reeving	ISO Duty			Gear type	Motor type	Total ratio	Whl. dia. [in]	Whl. dia. [mm]	Pcs	50 Hz		60 Hz	
											Spd [fpm]	Spd [m/min]	Spd [fpm]	Spd [m/min]
SX4	021	M4	M5	M6	GEK106PT1B0	MF06LA104	43.7	3.93	100	1	65/15	20/5	75/19	24/6
SX4	041	M4	M5	M6	GEK106PT1B0	MF06LA104	43.7	3.93	100	1	65/15	20/5	75/19	24/6
SX5	021	M4	M5	M6	GEK106PT1B0	MF06LA104	54.8	4.92	125	2	65/15	20/5	75/19	24/6
SX5	041		M5	M6	GEK106PT1B0	MF06LA104	54.8	4.92	125	2	65/15	20/5	75/19	24/6

8.1.2 Normal Headroom, Contactor Control

Frame	Reeving	ISO Duty			Gear type	Motor type	Total ratio	Whl. dia. [in]	Whl. dia. [mm]	Pcs	50 Hz		60 Hz	
											Spd [fpm]	Spd [m/min]	Spd [fpm]	Spd [m/min]
SX4	021		M5	M6	GEK106PT1B0	MF06LA104	43.7	3.93	100	1	65/15	20/5	75/19	24/6
SX4	041		M5	M6	GEK106PT1B0	MF06LA104	43.7	3.93	100	1	65/15	20/5	75/19	24/6
SX4	061		M5	M6	GEK106PT1B0	MF06LA104	43.7	3.93	100	2	65/15	20/5	75/19	24/6
SX4	081	M4			GEK106PT1B0	MF06LA104	43.7	3.93	100	2	65/15	20/5	75/19	24/6
SX5	021		M5	M6	GEK106PT1B0	MF06LA104	43.7	3.93	100	2	65/15	20/5	75/19	24/6
SX5	041		M5	M6	GEK106PT1B0	MF06LA104	43.7	3.93	100	2	65/15	20/5	75/19	24/6
SX5	061		M5		GEK106PT1B0	MF06LA104	54.8	4.92	125	4	65/15	20/5	75/19	24/6
SX5	081	M4			GEK106PT1B0	MF06LA104	54.8	4.92	125	4	65/15	20/5	75/19	24/6
SX6	021/022	M4	M5	M6	GEK106PT1B0	MF06LA104	54.8	4.92	125	2	65/15	20/5	75/19	24/6
SX6	041	M4	M5	M6	GES320PT3B0	MF06LA104	79.6	7.08	180	3	65/15	20/5	75/19	24/6
SX6	042	M4	M5	M6	GEK106PT1B0	MF06LA104	54.8	4.92	125	3	65/15	20/5	75/19	24/6
SX6	061/062	M4	M5	M6	GES320PT3B0	MF06LA104	79.6	7.08	180	3	65/15	20/5	75/19	24/6
SX6	081/082		M5	M6	GES320PT3B0	MF06LA104	79.6	7.08	180	4	65/15	20/5	75/19	24/6

8.1.3 Double Girder, Contactor Control

Frame	Reeving	End truck	Wheel Diameter mm	Wheel Diameter in	Gear Qty	Gear	Motor	Speed 50Hz		Speed 60Hz	
								fpm	m/min	fpm	m/min
SX4	021	RT09	90	3.54	1	GES342	MF06LA104	65/15	20/5	75/19	24/6
SX4	041	RT09	90	3.54	1	GES342	MF06LA104	65/15	20/5	75/19	24/6
SX4	061	RT11	110	4.33	2	GES342	MF06LA104	65/15	20/5	75/19	24/6
SX4	081	RT11	110	4.33	2	GES342	MF06LA104	65/15	20/5	75/19	24/6
SX5	021/022	RT11	110	4.33	2	GES342	MF06LA104	65/15	20/5	75/19	24/6
SX5	041/042	RT11	110	4.33	2	GES342	MF06LA104	65/15	20/5	75/19	24/6
SX5	061/062	RT20	200	7.87	2	GES490	MF06LA104	65/15	20/5	75/19	24/6
SX5	081/082	RT20	200	7.87	2	GES490	MF06LA104	65/15	20/5	75/19	24/6
SX6	021/022	RT20	200	7.87	2	GES490	MF06LA104	65/15	20/5	75/19	24/6
SX6	041/042	RT20	200	7.87	2	GES490	MF06LA104	65/15	20/5	75/19	24/6
SX6	061/062	RT25	250	9.84	2	GES5B5	MF07X-104	65/15	20/5	75/19	24/6
SX6	081/082	RT25	250	9.84	2	GES5B5	MF07X-104	65/15	20/5	75/19	24/6