

TM113B25 Drum Motor

0.75 HP

V (ft/min) M/G	1039 2/S2	945 2/S2	756 2/S2	661 2/S2	591 2/S2	520 2/S2	449 2/S2
Belt Pull (lbf)	22	24	31	35	39	45	50
Drum RPM	892	811	649	568	507	446	385

0.5 HP

V (ft/min) M/G	1039 2/PL2	945 2/S2	756 2/S2	661 2/S2	591 2/S2
Belt Pull (lbf)	15	17	21	23	26
Drum RPM	892	881	649	568	507

0.5 HP

V (ft/min) M/G	520 4/S2	472 4/S2	378 4/S2	331 4/S2	295 4/S2	260 4/S2	224 4/S2	201 4/PL2	177 4/S2	165 4/PL2	154 4/PL2	142 4/S2	130 4/PL2	118 4/PL2	106 4/PL2
Belt Pull (lbf)	30	33	41	47	52	60	69	75	88	91	98	109	116	127	141
Drum RPM	446	406	325	284	254	223	193	172	152	142	132	122	112	101	91

V (ft/min) M/G	94 4/PL2	80 4/PL2	64 4/PL2
Belt Pull (lbf)	161	187	215
Drum RPM	81	69	55

0.34 HP

V (ft/min) M/G	1039 2/S2	945 2/S2	756 2/S2	661 2/S2	591 2/S2
Belt Pull (lbf)	10	11	14	16	18
Drum RPM	892	811	649	568	507

0.34 HP

V (ft/min) M/G	520 4/S2	472 4/S2	378 4/S2	331 4/S2	295 4/S2	260 4/S2	224 4/S2	201 4/PL2	177 4/PL2	165 4/PL2	154 4/PL2	130 4/PL2	118 4/PL2	106 4/PL2	94 4/PL2
Belt Pull (lbf)	21	22	28	32	36	40	47	50	57	62	66	79	86	95	108
Drum RPM	446	406	325	284	254	223	193	172	152	142	132	112	101	91	81

V (ft/min) M/G	80 4/PL2	64 4/PL2
Belt Pull (lbf)	126	159
Drum RPM	69	55

V = Belt Speed (ft/min)

M/G = Motor/Gear Reducer Configuration (at rated horsepower)

High Speed
Low Torque

 2/S2 4/S2 6/S2 2/S3 4/S3 6/S3 2/PL2 4/PL2 6/PL2 2/PL3 4/PL3 6/PL3
Low Speed
High Torque

TM113B25 Drum Motor

0.34 HP

V (ft/min) M/G	236 6/S2	213 6/S2	189 6/S2	165 6/S2	142 6/S2	118 6/S2	94 6/S2	69 6/PL2	59 6/PL2	50 6/PL2	40 6/PL2
Belt Pull (lbf)	45	50	55	64	74	89	111	149	172	205	215
Drum RPM	203	183	162	142	122	101	81	59	51	43	34

0.25 HP

V (ft/min) M/G	378 4/S2	331 4/S2	295 4/S2	260 4/S2	224 4/S2	201 4/PL2	177 4/PL2	165 4/PL2	154 4/PL2	130 4/PL2	118 4/PL2	106 4/PL2	94 4/PL2	80 4/PL2	64 4/PL2
Belt Pull (lbf)	20	22	25	29	34	36	41	44	48	56	62	69	78	91	115
Drum RPM	325	284	254	223	193	172	152	142	132	112	101	91	81	69	55

V (ft/min) M/G	47 4/PL3	43 4/PL3	38 4/PL3	31 4/PL3	26 4/PL3
Belt Pull (lbf)	148	165	185	215	215
Drum RPM	41	37	32	26	22

0.25 HP

V (ft/min) M/G	213 6/S2	189 6/S2	165 6/S2	142 6/S2	59 6/PL2	50 6/PL2	40 6/PL2
Belt Pull (lbf)	36	40	46	53	123	148	182
Drum RPM	183	162	142	122	51	43	34

0.16 HP

V (ft/min) M/G	260 4/S2	224 4/S2	201 4/PL2	177 4/PL2	165 4/PL2	154 4/PL2	130 4/PL2	118 4/PL2	106 4/PL2	94 4/PL2	80 4/PL2	64 4/PL2	43 4/PL3	26 4/PL3	17 4/PL3
Belt Pull (lbf)	20	22	24	27	30	32	37	41	46	51	61	77	109	180	215
Drum RPM	223	193	172	152	142	132	112	101	91	81	69	55	37	22	14

V = Belt Speed (ft/min)

M/G = Motor/Gear Reducer Configuration (at rated horsepower)

High Speed
Low Torque

Low Speed
High Torque