

TM127B30 Drum Motor

1.5 HP

V (ft/min) M/G	316 4/S2	237 4/S2	201 4/S2	124 4/S2
Belt Pull (lbf)	156	207	244	396
Drum RPM	243	182	155	95

1.0 HP

V (ft/min) M/G	646 2/S2	484 2/S2	411 2/S2	316 4/S2	237 4/S2	201 4/S2	147 4/S2	124 4/S2	110 4/S2	73 4/PL2	58 4/PL2	49 4/PL2	38 4/PL2
Belt Pull (lbf)	51	68	80	104	138	163	223	264	298	449	565	669	767
Drum RPM	497	372	316	243	182	155	113	95	85	56	45	38	29

0.75 HP

V (ft/min) M/G	651 2/S2	488 2/S2	414 2/S2	328 4/S2	246 4/S2	209 4/S2	152 4/S2	134 4/S3	114 4/S2	97 4/S2	87 6/S2	74 6/S2	62 4/S3	56 4/S3	50 4/PL2
Belt Pull (lbf)	38	50	59	75	100	118	162	183	216	253	282	332	366	408	491
Drum RPM	501	375	318	252	189	161	117	103	88	75	67	57	48	43	38

V (ft/min) M/G 40 4/PL2

Belt Pull (lbf) 617

Drum RPM 31

0.5 HP

V (ft/min) M/G	321 4/S2	241 4/S2	205 4/S2	149 4/S2	131 4/S2	98 4/S2	83 4/S2	64 6/S2	54 4/S3	41 4/S3	33 6/PL2	26 6/PL2
Belt Pull (lbf)	51	68	80	110	125	167	197	256	303	400	496	630
Drum RPM	247	185	158	115	101	75	64	49	42	32	25	20

0.34 HP

V (ft/min) M/G	322 4/S2	241 4/S2	205 4/S2	149 4/S2	131 4/S2	99 4/S2	84 4/S2	61 4/S3	54 4/S3	41 4/S3
Belt Pull (lbf)	35	46	54	75	85	113	133	183	206	272
Drum RPM	248	185	158	115	101	76	65	47	42	32

0.25 HP

V (ft/min) M/G	11.1 4/PL3	8.7 4/PL3	7.3 4/PL3	5.8 4/PL3
Belt Pull (lbf)	738	767	767	767
Drum RPM	8.5	6.7	5.6	4.5

V = Belt Speed (ft/min)

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

High Speed
Low Torque

Low Speed
High Torque