

TM138B30 Drum Motor

1.5 HP

V (ft/min) M/G	343 4/S2	258 4/S2	218 4/S2	135 4/S2
Belt Pull (lbf)	156	208	246	398
Drum RPM	242	181	154	95

1.0 HP

V (ft/min) M/G	702 2/S2	526 2/S2	447 2/S2	343 4/S2	258 4/S2	218 4/S2	160 4/S2	135 4/S2	120 4/S2	79 4/PL2	63 4/PL2	53 4/PL2	41 4/PL2
Belt Pull (lbf)	51	68	80	104	139	164	224	266	299	451	568	672	767
Drum RPM	494	370	315	242	181	154	112	95	84	56	44	37	29

0.75 HP

V (ft/min) M/G	707 2/S2	530 2/S2	450 2/S2	356 4/S2	267 4/S2	227 4/S2	165 4/S2	146 4/S3	124 4/S2	105 4/S2	95 6/S2	80 6/S2	67 4/S3	61 4/S3	54 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 43 4/PL2

Belt Pull (lbf) 617

Drum RPM 31

0.5 HP

V (ft/min) M/G	349 4/S2	262 4/S2	223 4/S2	162 4/S2	142 4/S2	106 4/S2	90 4/S2	70 6/S2	59 4/S3	45 4/S3	36 6/PL2	28 6/PL2
Belt Pull (lbf)	51	68	80	111	126	168	198	257	305	402	499	633
Drum RPM	246	184	157	114	100	75	64	49	41	31	25	20

0.34 HP

V (ft/min) M/G	350 4/S2	262 4/S2	223 4/S2	162 4/S2	142 4/S2	108 4/S2	91 4/S2	66 4/S3	59 4/S3	45 4/S3
Belt Pull (lbf)	35	46	55	75	85	113	133	184	207	273
Drum RPM	246	184	157	114	100	76	64	47	41	31

0.25 HP

V (ft/min) M/G	12 4/PL3	9 4/PL3	8 4/PL3	6 4/PL3
Belt Pull (lbf)	742	767	767	767
Drum RPM	8	7	6	4

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