

TM215 SERIES 8.5" diameter



TM215B40 Drum Motor

7.5 HP

V (ft/min) M/G	1117 2/S2	912 2/S2	821 2/S2	657 2/S2	583 2/S2	547 2/S3	465 2/S2	403 2/S2	358 2/S2	335 2/S2	310 2/S2	255 2/S2	228 2/S3
Belt Pull (ft.lbs)	198	243	270	337	285	405	476	549	618	662	715	651	972
Drum RPM	504	412	371	297	263	247	210	182	162	151	140	115	103

5.0 HP

V (ft/min) M/G	1117 2/S2	912 2/S2	821 2/S2	657 2/S2	583 2/S2	547 2/S3	465 2/S2	403 2/S2	358 2/S2	335 2/S2	310 2/S2	275 4/S3	255 2/S2	238 2/S2	234 4/S2
Belt Pull (ft.lbs)	145	178	198	247	278	297	349	402	453	485	524	521	636	681	613
Drum RPM	503	411	370	296	263	246	209	182	161	151	140	124	115	107	105

V (ft/min) M/G	228 2/S3	221 2/S2	202 4/S3	198 2/S3	162 2/S3	114 4/S3
Belt Pull (ft.lbs)	712	552	709	821	1000	1250
Drum RPM	103	100	91	89	73	51

3.0 HP

V (ft/min) M/G	679 4/S2	559 4/S2	483 4/S2	398 4/S2	325 4/S2	293 4/S2	233 4/S2	234 4/S2	208 4/S2	202 4/S2	166 4/S2	155 4/S2	144 4/S2	128 4/S2	119 4/S2
Belt Pull (ft.lbs)	130	158	183	222	272	302	379	377	425	437	533	569	614	692	741
Drum RPM	307	253	218	180	147	132	105	106	94	91	75	70	65	58	54

V (ft/min) M/G	114 4/S3	99 4/S3	81 4/S3	70 4/S3	63 4/S3
Belt Pull (ft.lbs)	774	893	1087	1254	1412
Drum RPM	52	45	37	32	28

2.0 HP

V (ft/min) M/G	685 4/S2	564 4/S2	488 4/S2	402 4/S2	376 6/S2	328 4/S2	295 4/S2	236 4/S2	210 4/S2	204 4/S2	197 6/S2	185 4/S2	167 4/S2	157 6/S2	145 4/S2
Belt Pull (ft.lbs)	82	99	115	140	164	171	190	237	267	275	314	304	335	394	386
Drum RPM	309	255	220	181	170	148	133	107	95	92	89	83	76	71	65

V (ft/min) M/G	136 6/S2	129 4/S2	120 4/S2	111 4/S2	104 6/S2	97 6/S2	86 6/S2	77 6/S3	71 4/S3	67 6/S3	55 6/S3	47 6/S3
Belt Pull (ft.lbs)	455	435	466	503	592	639	719	805	789	928	1131	1304
Drum RPM	61	58	54	50	47	44	39	35	32	30	25	21

V = Belt Speed (ft/min)

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

High Speed
Low Torque



Low Speed
High Torque