
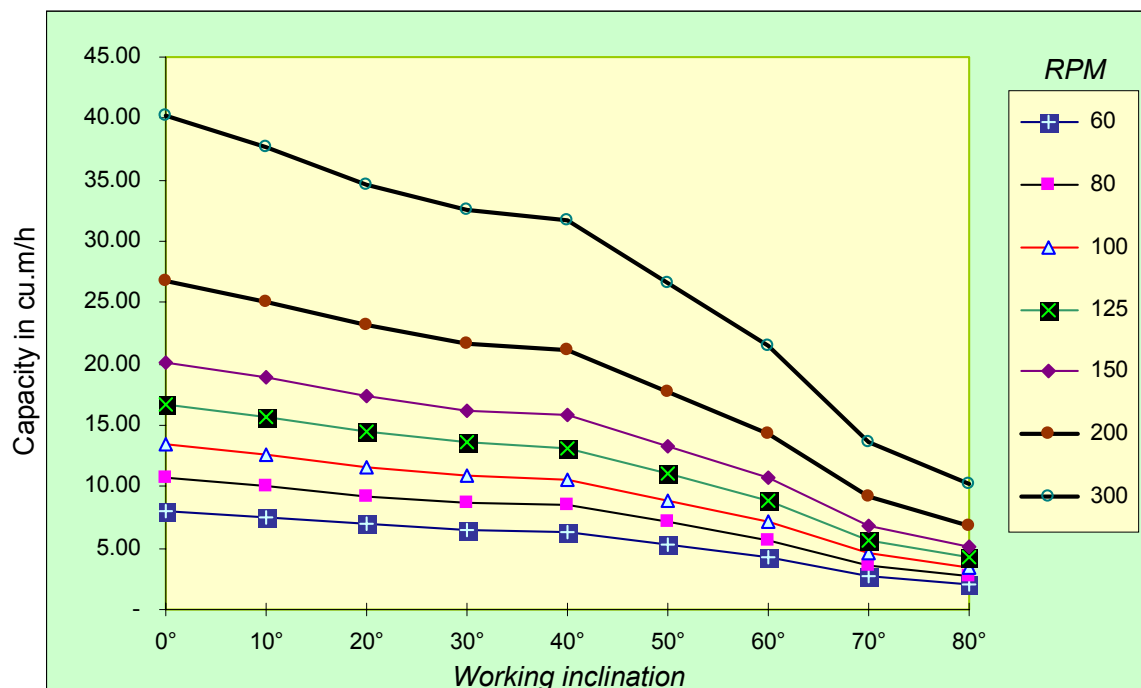


CAMS SCREW CONVEYOR

193 DIA - THROUGHPUT DATA

working inclination	R P M						
	60	80	100	125	150	200	300
0°	8.05	10.73	13.41	16.77	20.12	26.83	40.24
10°	7.53	10.05	12.56	15.70	18.84	25.11	37.67
20°	6.93	9.25	11.56	14.45	17.34	23.12	34.67
30°	6.51	8.68	10.84	13.56	16.27	21.69	32.53
40°	6.34	8.45	10.56	13.20	15.84	21.12	31.68
50°	5.31	7.08	8.85	11.06	13.27	17.69	26.54
60°	4.28	5.71	7.13	8.92	10.70	14.27	21.40
70°	2.74	3.65	4.57	5.71	6.85	9.13	13.70
80°	2.05	2.74	3.42	4.28	5.14	6.85	10.27

 Ideal working conditions



The foregoing data has been calculated using the following assumptions:
 Material Conveyed - Ordinary Portland Cement with bulk density of 1.0 t/m³
 2/3 pitch extracting flights
 Constant Feed Rate
 Angle of Repose 40°

Important Note: Theoretical output rates are for general guidance only and are not binding on Conspare or CAMS. Actual throughput will be dependant on a number of factors including material conveyed, feed rate from silo, climate, silo construction etc.