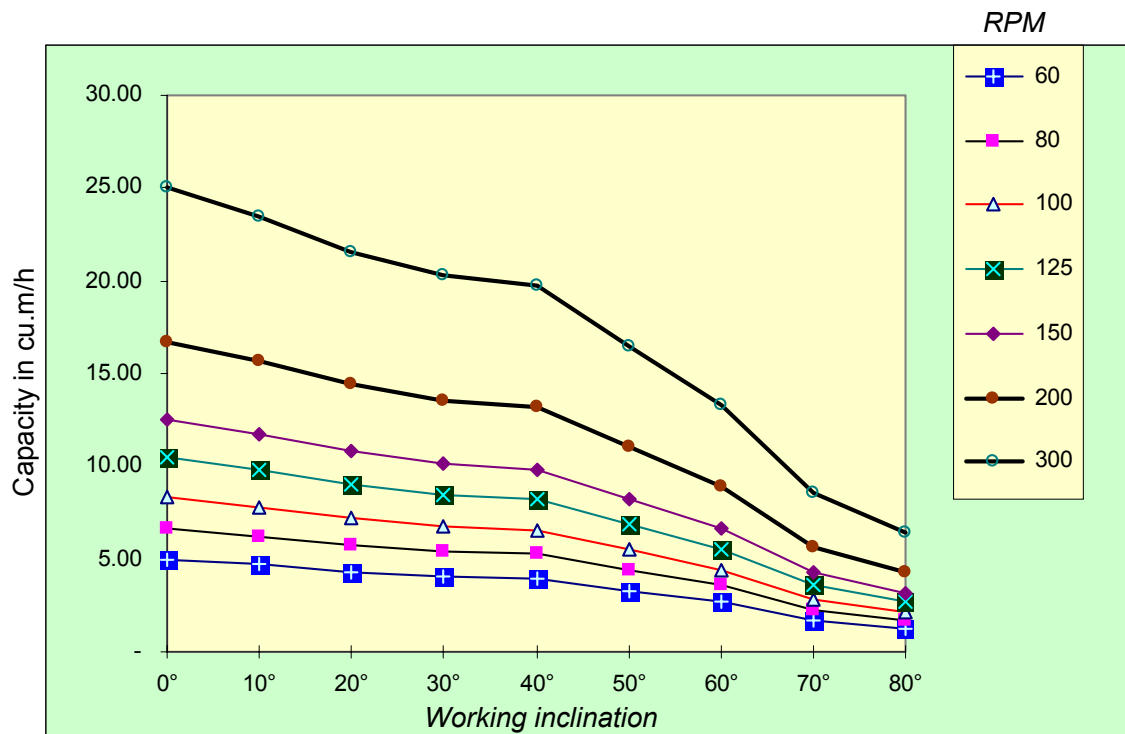


CAMS SCREW CONVEYOR

168 DIA - THROUGHPUT DATA

working inclination	R P M						
	60	80	100	125	150	200	300
0°	5.01	6.68	8.35	10.44	12.53	16.70	25.05
10°	4.69	6.25	7.82	9.77	11.73	15.63	23.45
20°	4.32	5.76	7.20	8.99	10.79	14.39	21.59
30°	4.05	5.40	6.75	8.44	10.13	13.50	20.25
40°	3.94	5.26	6.57	8.22	9.86	13.15	19.72
50°	3.30	4.41	5.51	6.88	8.26	11.01	16.52
60°	2.66	3.55	4.44	5.55	6.66	8.88	13.32
70°	1.71	2.27	2.84	3.55	4.26	5.69	8.53
80°	1.28	1.71	2.13	2.66	3.20	4.26	6.40

 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.