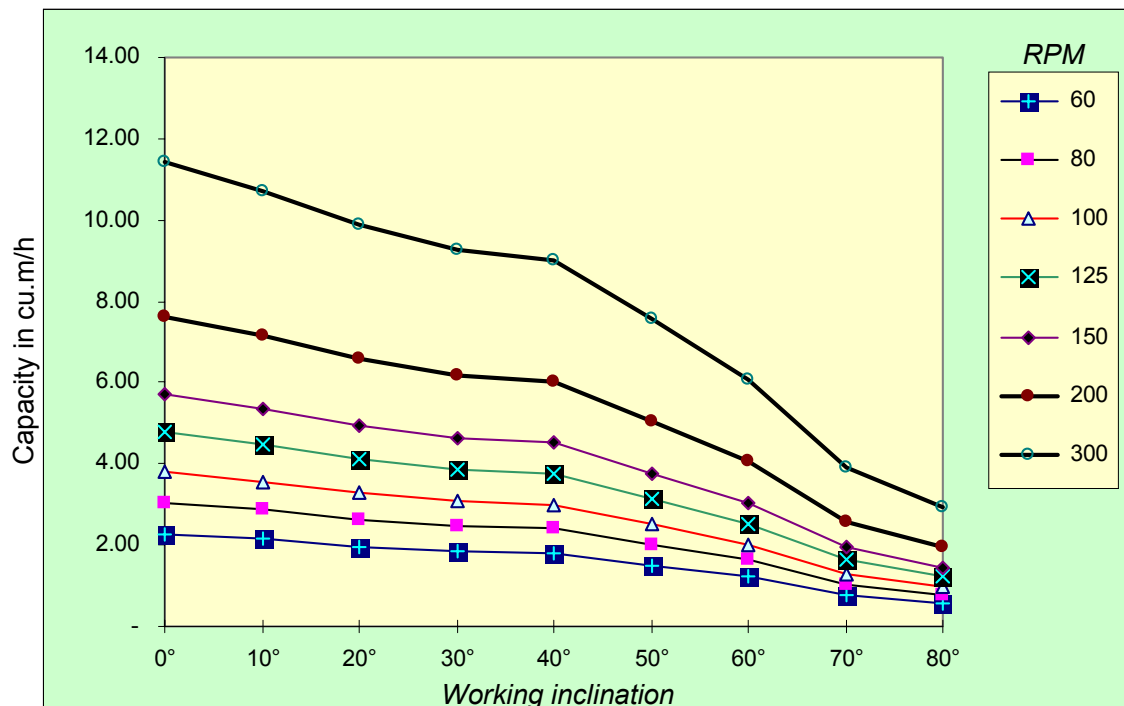


CAMS SCREW CONVEYOR 140 DIA - THROUGHPUT DATA

working inclination	RPM						
	60	80	100	125	150	200	300
0°	2.29	3.05	3.82	4.77	5.73	7.63	11.45
10°	2.14	2.86	3.57	4.47	5.36	7.15	10.72
20°	1.97	2.63	3.29	4.11	4.93	6.58	9.87
30°	1.85	2.47	3.09	3.86	4.63	6.17	9.26
40°	1.80	2.40	3.00	3.76	4.51	6.01	9.01
50°	1.51	2.01	2.52	3.15	3.78	5.04	7.55
60°	1.22	1.62	2.03	2.54	3.05	4.06	6.09
70°	0.78	1.04	1.30	1.62	1.95	2.60	3.90
80°	0.58	0.78	0.97	1.22	1.46	1.95	2.92

 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.