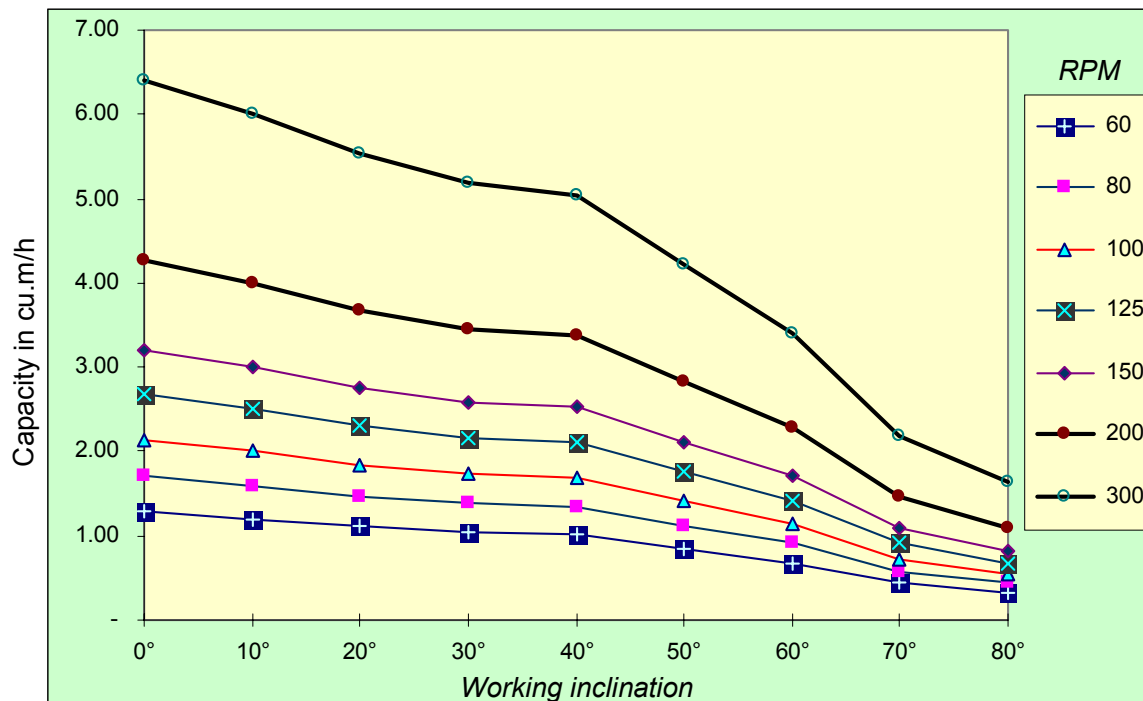


CAMS SCREW CONVEYOR 114 DIA - THROUGHPUT DATA

working inclination	R P M						
	60	80	100	125	150	200	300
0°	1.28	1.71	2.14	2.67	3.20	4.27	6.41
10°	1.20	1.60	2.00	2.50	3.00	4.00	6.00
20°	1.10	1.47	1.84	2.30	2.76	3.68	5.52
30°	1.04	1.38	1.73	2.16	2.59	3.45	5.18
40°	1.01	1.35	1.68	2.10	2.52	3.36	5.05
50°	0.85	1.13	1.41	1.76	2.11	2.82	4.23
60°	0.68	0.91	1.14	1.42	1.70	2.27	3.41
70°	0.44	0.58	0.73	0.91	1.09	1.45	2.18
80°	0.33	0.44	0.55	0.68	0.82	1.09	1.64

 Ideal working inclination



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.