
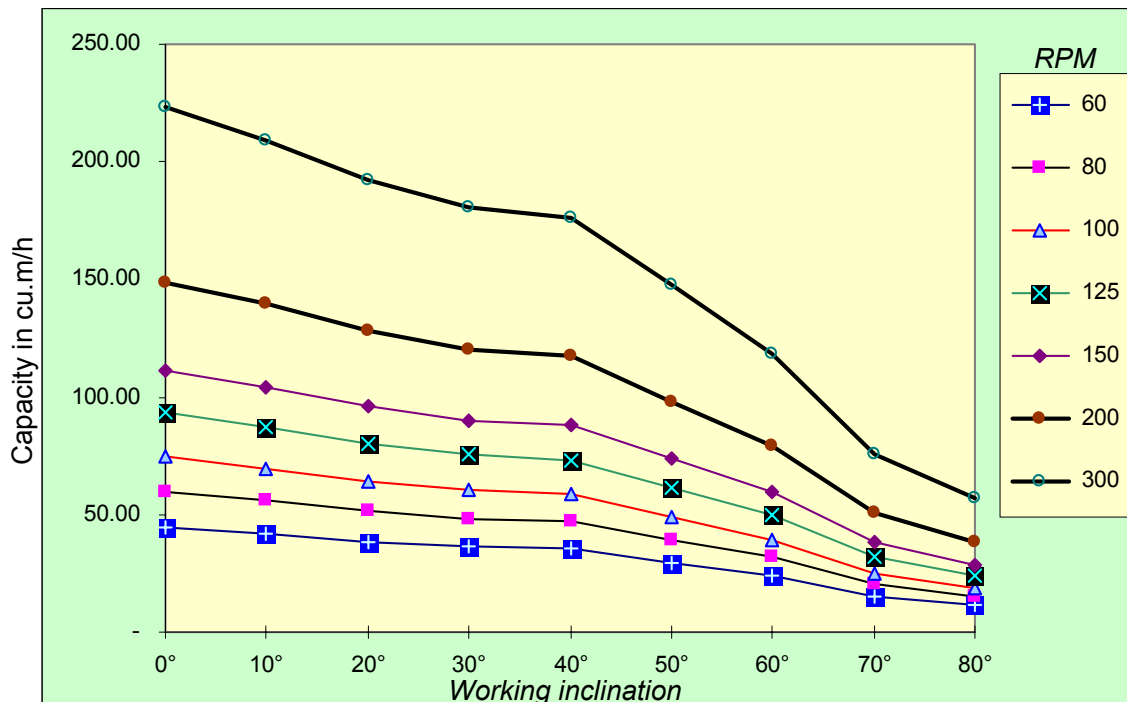


## CAMS SCREW CONVEYOR 323 DIA - THROUGHPUT DATA

working inclination	R P M						
	60	80	100	125	150	200	300
0°	44.65	59.54	74.42	93.03	111.63	148.84	223.26
10°	41.80	55.74	69.67	87.09	104.51	139.34	209.01
20°	38.48	51.30	64.13	80.16	96.19	128.26	192.38
30°	36.10	48.14	60.17	75.21	90.25	120.34	180.51
40°	35.15	46.87	58.59	73.23	87.88	117.17	175.76
50°	29.45	39.27	49.09	61.36	73.63	98.17	147.26
60°	23.75	31.67	39.59	49.48	59.38	79.17	118.76
70°	15.20	20.27	25.33	31.67	38.00	50.67	76.00
80°	11.40	15.20	19.00	23.75	28.50	38.00	57.00

 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/m<sup>3</sup>  
 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.