

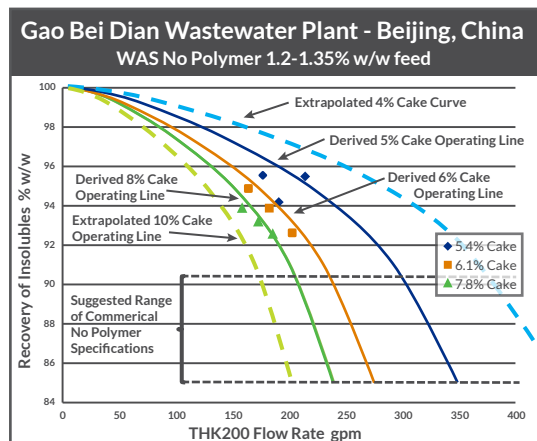
**Thickening Solutions: USA Built, Sold & Serviced Around the World**



**Sludge Thickener THK Series**

	THK200		THK350		THK600	
	Maximum	Average	Maximum	Average	Maximum	Average
Feed Flow Rate w/o Polymer* gpm	180	125	320	265	765	640
Feed Flow Rate w/ Polymer* gpm	250	200	500	425	1,100	800
Approx. Bowl Diameter in (m)	18 (0.45)		21 (0.53)		26 (0.66)	
Total Static Weight - Empty lbs (kg)	5,000 (2,950)		10,800 (4,900)		27,000 (12,250)	
Standard Main Drive HP	50		75		150	
Standard Scroll Drive HP	10		15		25	
Standard Total Installed HP	60		90		175	
G-volume Capacity at 3,000 G gal	160,000		332,000		718,000	

Sludge Thickener THK Series Performance		Waste Activated Sludge (WAS)	WAS/Primary Blend
No Polymer Specific Power** kW/gpm	Minimum	0.07	0.08
	Maximum	0.18	0.19
	Average	0.12	0.15
Polymer Specific Power** kW/gpm	Minimum	0.05	0.05
	Maximum	0.15	0.18
	Average	0.08	0.10
Average Solids Recovery % wt./wt.	w/o Polymer	93	90
	w/ Polymer	99	97
Average Cake Solids % Total Solids	w/o Polymer	4 to 7	
	w/ Polymer	5 to 10	



\*Values are approximate for Influent Solids of 0.5% to 1.5% WAS. \*\*Specific power estimations are for normal flows. Contact Centrisys for project-specific calculations.

