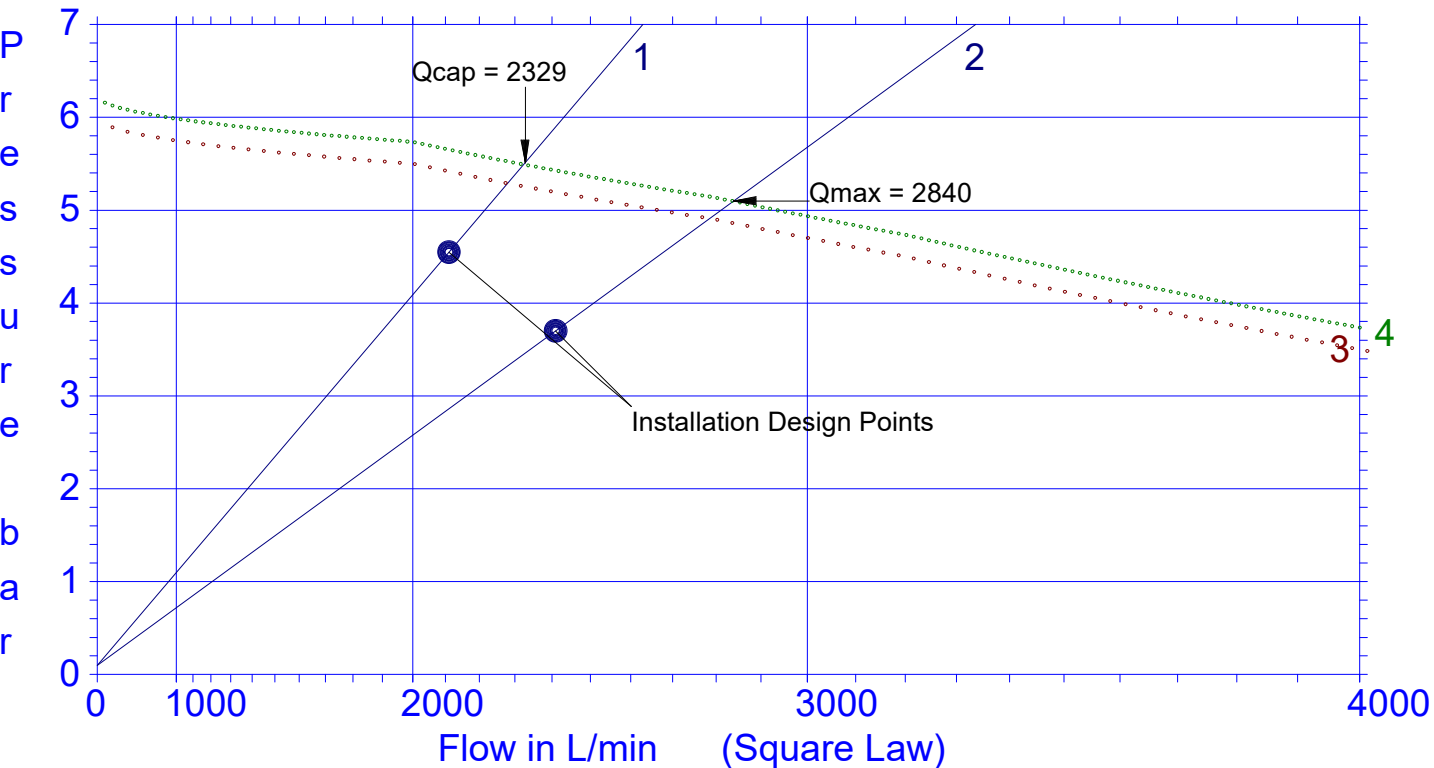


Installer's Pump Data Sheet



Project name : ESKOM WAREHOUSE,
Location : BLOCK C2, MEGAWATT PARK MAXWELL DRIVE
Hazard class : HOGH HAZARD STORAGE
Pump Manuf & Ref : ESKOM WAREHOUSE FIRE PUMP

Line 1 = Hydraulically Most Unfavourable Design Location :-
2111 L/min at 4.547 bar and 1.000 m to highest head above pump
Difference in pressure to line 5 : 0.870 bar (Must be > 0.5 bar)
Ref : REMOTE PRINTOUT 1

Line 2 = Hydraulically Most Favourable Design Location :-
2410 L/min at 3.700 bar and 1.000 m to highest head above pump
Ref : FAVORABLE PRINTOUT 2

Line 3 = Site performance at	L/min	bar
centreline of	0	6.000
pump outlet	400	5.900
	800	5.800
	1200	5.700
	2000	5.500
	2800	4.900
	3200	4.500
	4000	3.500

Line 4 = Site performance - tank full (at pump outlet) : 2.350 m
Line 5 = Site performance - low water level 'X' (at pump) : 0.000 m

		Tank capacity for times		
		30 min	60 min	90 min
Installation flow demand (Qcap) :	2329 L/min	69.87	139.74	209.60 cu.m
Maximum predicted flow (Qmax) :	2840 L/min	85.19	170.38	255.56 cu.m
Maximum flow to NPSH of 5.38m :	0 L/min			