Parametric Study – Tutorial

- Let us see the effect of Q_D, holding all other parameters as constant.

	I	II	III	IV	V
Q_D(kW)	500	350	900	9000	300
Q_B(kW)	430.6	280.6	830.6	8930	930.6
$(L/V)_{ES}$	0.77	0.68	0.87	0.99	0.89
$(L/V)_{SS}$	1.27	1.42	1.14	1.01	1.13
Plates	3 + 6	4 + 8	3 + 5	3 + 5	4 + 9

Parametric Study – Tutorial

- Let us see the effect of x_D and x_B, holding all other parameters as constant.

x_D	Plates
0.97	3 + 6
0.99	4 + 6

x_B	Plates
0.05	3 + 6
0.02	3 + 8

Parametric Study – Tutorial

- Let us see the effect of **q**, holding all other parameters as constant.

q	Slope	Plates
q=0.7	-2.3	3 + 6
q=1	∞	2 + 6
q=0	0	4 + 6