Summary of Fire Pump Data

Minimum Pipe Sized (Nominal)

Pump Rating GPM (L/min)	Suction in.[1,2]	Discharge in. [1]	Relief Valve in.	Meter device in.	Number & size of hose valves in.	Number & size of hose valves in.	Hose header supply in.
25(95)	1	1	¾	1	1 ¼	1-1 ½	1
50(189)	1 ½	1 ¼	1 ¼	1 ½	2	1-1 ½	1 ½
100(379)	2	2	1 ½	2	2 ½	1-2 ½	2 ½
150(568)	2 ½	2 ½	2	2 ½	3	1-2 ½	2 ½
200(757)	3	3	2	2 ½	3	1-2 ½	2 ½
250(946)	3 ½	3	2	2 ½	3 ½	1-2 ½	3
300(1136)	4	4	2 ½	3 ½	3 ½	1-2 ½	3
400(1514)	4	4	3	5	4	2 –2 ½	4
450(1703)	5	5	3	5	4	2-2 ½	4
500(1892)	5	5	3	5	5	2-2 ½	4
750(2839)	6	6	4	6	5	3-2 ½	6
1000(3785)	8	6	4	8	6	4-2 ½	6
1250(4731)	8	8	6	8	6	6-2 ½	8
1500(5677)	8	8	6	8	8	6-2 ½	8
2000(7570)	10	10	6	10	8	6-2 ½	8
2500(9462)	10	10	6	10	8	8-2 ½	10

3000(11,355)	12	12	8	12	8	12-2 ½	10
3500(13,247)	12	12	8	12	10	12-2 ½	12
4000(15,140)	14	12	8	14	10	16-2 ½	12
4500(17,032)	16	14	8	14	10	16-2 ½	12
5000(18,925)	16	14	8	14	10	20-21	12

NOTE 1: Actual diameter of pump flange is permitted to be different from pipe diameter.
NOTE 2: Applies only to that portion of suction pipe specified in 2-9.3.