

## Attachments

## Attachment 3. Recommended Connection Technology

## 50 bar – Section Table — Carbon Steel Pipes

Pipe	Volume Flow* [l/min]	Weight [kg/m]	Connection Type	Flange Size	Flange Type			
4X1ST37.4NBK	1	0.05	DIN/JIC –fittings					
6X1ST37.4NBK	6	0.07						
8X1ST37.4NBK	5	0.17						
10X1ST37.4NBK	9	0.22						
12X1.5ST37.4NBK	11	0.39						
15X1.5ST37.4NBK	20	0.50						
16X1.5ST37.4NBK	24	0.54						
18X1.5ST37.4NBK	32	0.61						
20X2ST37.4NBK	36	0.89						
22X1.5ST37.4NBK	51	0.76						
25X2ST37.4NBK	62	1.13				37° Flare flange	1/2"	308F
28X2ST37.4NBK	81	1.28				37° Flare flange	3/4"	312F
30X3ST37.4NBK	81	2.00				37° Flare flange	3/4"	312F
35X2ST37.4NBK	136	1.63				37° Flare flange	1"	316F
38X3ST37.4NBK	145	2.59	37° Flare flange	1"	316F			
42X3ST37.4NBK	183	2.89	37° Flare flange	1 1/4"	320F			
50X3ST37.4NBK	274	3.48	37° Flare flange	1 1/2"	124F			
60X3ST37.4NBK	412	4.22	37° Flare flange	2"	132F			
73X3ST37.4NBK	635	5.18	37° Flare flange	2 1/2"	140F			
90X3.5ST37.4NBK	973	7.47	37° Flare flange	3"	148F			
100X4ST37.4NBK	1197	9.47	37° Flare flange	3 1/2"	156F			
115X4ST37.4NBK	1618	11.0	37° Flare flange	4"	164F			
140X4.5ST37.4NBK	2425	15.0	37° Flare flange	5"	180F			
165X5ST37.4NBK	3395	18.7	37° Flare flange	6"	196F			
220X6ST37.4NBK	6113	31.9	37° Flare flange	8"	228F			
273X6ST37.4NBK	9630	39.4	37° Flare flange	10"	260F			

## 50 bar – Section Table — Stainless Steel Pipes

Pipe	Volume Flow* [l/min]	Weight [kg/m]	Connection Type	Flange Size	Flange Type			
6X1AISI316L	2	0.07	DIN/JIC –fittings					
8X1AISI316L	5	0.17						
10X1AISI316L	9	0.22						
12X1.5AISI316L	11	0.39						
15X1.5AISI316L	20	0.50						
16X2AISI316L	20	0.69						
18X2AISI316L	28	0.79						
20X2AISI316L	36	0.89						
22X2AISI316L	46	0.99						
25X2.5AISI316L	57	1.39				37° Flare flange	1/2"	308F
28X2AISI316L	81	1.28				37° Flare flange	3/4"	312F
30X3AISI316L	81	2.00				37° Flare flange	3/4"	312F
35X2.5AISI316L	127	2.00				37° Flare flange	1"	316F
38X3AISI316L	145	2.59				37° Flare flange	1"	316F
42X3AISI316L	183	2.89	37° Flare flange	1 1/4"	320F			
50X3AISI316L	274	3.48	37° Flare flange	1 1/2"	324F			
60X3AISI316L	412	4.22	37° Flare flange	2"	332F			

\*) v = 3 m/s