

High Pressure Needle Jet Papermaking Nozzles



19124
(Complete stainless steel)



48460
(SS with ruby insterted)



PT-SSCER
(SS with ceramic inserted)



PTL
(Complete stainless steel)



PTL-SSCER
(SS with ceramic inserted)



PTL-SSRBY
(SS with ruby inserted)

High Pressure Needle Jet Papermaking Nozzles have the following features:

- High Pressure Needle Jet Papermaking Nozzles can bear high pressure up to 60 bar.
- 303SS, 304SS or 316 stainless steel are available

General application

- Net high-pressure swing cleaning
- Blanket high pressure swing cleaning
- Blind hole roller cleaning
- Groove roller cleaning

PT/ PTL performance data

Model No.		Orifice Dia. (mm)	Capacity (L/min)											
			3 bar	5 bar	7 bar	10 bar	15 bar	20 bar	30 bar	40 bar	50 bar	60 bar	70 bar	80 bar
Standard	Long													
1/4PT-SS	1/4PTL-SS	0.8	0.54	0.70	0.83	1.00	1.22	1.41	1.73	2.00	2.23	2.45	2.64	2.83
		0.9	0.69	0.89	1.05	1.26	1.55	1.79	2.19	2.53	2.83	2.10	3.35	3.58
1/4PT-SSCER	1/4PTL-SSCER	1.0	0.85	1.10	1.30	1.56	1.91	2.21	2.70	3.12	3.49	3.83	4.13	4.42
		1.2	1.23	1.59	1.88	2.25	2.75	3.18	3.90	4.50	5.03	5.51	5.95	6.36
1/4PT-RBY	1/4PTL-RBY	1.5	1.92	2.48	2.94	3.51	4.30	4.97	6.09	7.03	7.86	8.61	9.30	9.95
		1.8	2.77	3.58	4.23	5.06	6.20	7.16	8.77	10.1	11.3	12.4	13.4	14.3
		2.0	3.42	4.42	5.23	6.25	7.66	8.84	10.8	12.5	13.9	15.3	16.4	17.6

19124 Performance data

Model No.	Orifice Dia. (mm)	Capacity (l/min)								
		3 bar	4 bar	5 bar	7 bar	15 bar	30 bar	40 bar	50 bar	60 bar
19124-14	0.36	0.12	0.13	0.15	0.17	0.25	0.37	0.42	0.47	0.51
19124-28	0.71	0.42	0.48	0.54	0.63	0.93	1.3	1.5	1.7	1.9
19124-33	0.84	0.62	0.73	0.81	0.95	1.4	2.0	2.4	2.7	2.9
19124-40	1.02	0.89	1.0	1.1	1.4	2.0	2.8	3.2	3.6	3.9
19124-55	1.40	1.6	1.9	2.1	2.4	3.6	5.0	5.8	6.5	7.0
19124-70	1.78	2.7	3.1	3.5	4.2	6.1	8.8	10	11	13
19124-94	2.39	4.5	5.2	5.9	7.0	10	15	18	20	22
19124-125	3.18	7.3	8.5	9.6	11	17	25	30	33	37