

## DELVAN RLD FLAT SPRAY NOZZLE

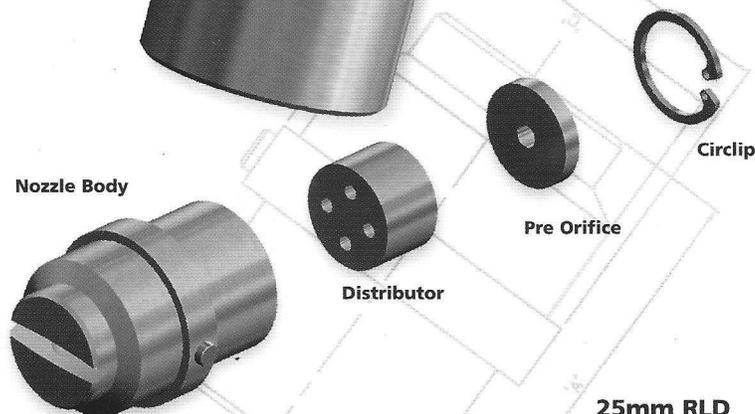
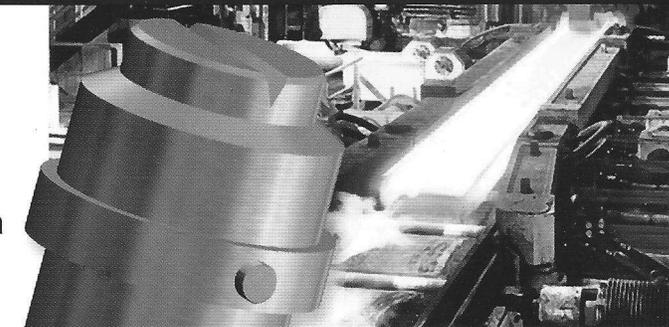
Delavan RLD Flat Spray Nozzles for use on Hydraulic Continuous Casting Machines

### Spray Characteristics

- Produces a uniformed flat spray without hard edges
- Thick flat spray pattern provides greater cooling efficiency than a standard flat spray nozzle
- Standard Spray Angle available - 80°
- Maximum recommended pressure - 35 bar

### Construction and Materials

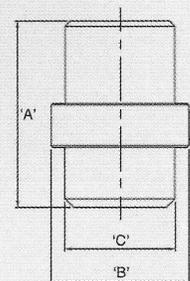
- Brass construction with stainless steel location pin and circlip
- Easy removal of internals for cleaning and maintenance
- Exit orifice inline with location pin



Body Size	Nozzle Size	Flow rates L/Min at BarG				
		1.4	2.8	4.1	5.5	6.9
25mm	4	2.8	4.0	4.8	5.6	6.3
	5	3.5	5.0	6.1	7.1	7.9
	6	4.2	6.0	7.3	8.4	9.4
	8	5.6	8.0	9.7	11.2	12.5
	10	7.1	10.0	12.1	14.0	15.7

Flow rates GPM at PsiG					
20	40	60	80	100	
0.7	1.1	1.3	1.5	1.7	
0.9	1.3	1.6	1.9	2.1	
1.1	1.6	1.9	2.2	2.5	
1.5	2.1	2.6	3.0	3.3	
1.9	2.6	3.2	3.7	4.1	

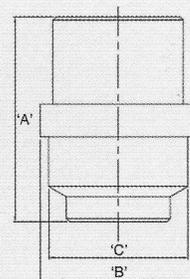
25mm RLD



Body Size	Nozzle Size	Flow rates L/Min at BarG				
		1.4	2.8	4.1	5.5	6.9
38mm	4	2.8	4.0	4.8	5.6	6.3
	6	4.2	6.0	7.3	8.4	9.4
	7	4.9	7.0	8.5	9.8	10.9
	9	6.4	9.0	10.9	12.6	14.1
	10	7.1	10.0	12.1	14.0	15.7
	12	8.5	12.0	14.5	16.8	18.8
	13	9.2	13.0	15.7	18.2	20.4
	14	9.9	14.0	16.9	19.6	22.0
	15	10.6	15.0	18.2	21.0	23.5
	16	11.3	16.0	19.4	22.4	25.1
	18	12.7	18.0	21.8	25.2	28.3
	25	17.7	25.0	30.3	35.0	39.2
	30	21.2	30.0	36.3	42.0	47.1
45	31.8	45.0	54.5	63.1	70.6	

Flow rates GPM at PsiG					
20	40	60	80	100	
0.7	1.1	1.3	1.5	1.7	
1.1	1.6	1.9	2.2	2.5	
1.3	1.8	2.2	2.6	2.9	
1.7	2.4	2.9	3.3	3.7	
1.9	2.6	3.2	3.7	4.1	
2.2	3.2	3.8	4.4	5.0	
2.4	3.4	4.2	4.8	5.4	
2.6	3.7	4.5	5.2	5.8	
2.8	4.0	4.8	5.6	6.2	
3.0	4.2	5.1	5.9	6.6	
3.4	4.8	5.8	6.7	7.5	
4.7	6.6	8.0	9.3	10.4	
5.6	7.9	9.6	11.1	12.4	
8.4	11.9	14.4	16.7	18.7	

38mm RLD



If you require a flow rate that is not stated please contact Consero for further sizes

Nozzle Type	Dimensions in mm / in						Weight g/oz	
	A		B		C			
25mm RLD	34	1.3	25	1.0	20	0.8	130	4.6
38mm RLD	50	2.0	38	1.5	34	1.3	300	10.6



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