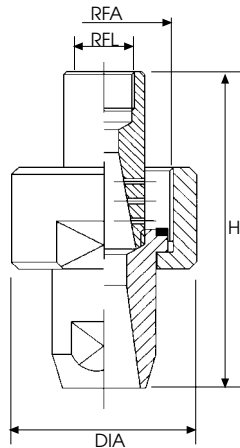


AIR ASSISTED LANCES

SINGLE ORIFICE NOZZLES



The air assisted lances of the NEB series work on the twin-fluid supersonic principle and provide a fine droplet spectrum. Air and liquid are mixed in the whirling chamber inside. The nozzle accelerates the mixture to supersonic velocity. These lances produces droplets with the following characteristics:

- Optimum particle distribution.
- Fine atomization.
- High exit velocity with an optimum particle exchange.

Materials

AISI 316 Stainless steel
Hastelloy C4

15°	Code	D1	D	Liquid pressure (bar)									Dimensions			
				2,0			3,0			4,0			RFA	RFL	H	SW
				LC	AC		LC	AC		LC	AC					
NEB 1490 B3	3,0	4,2	1,8	0,6	37	2,7	0,8	48	3,6	0,9	62	1 1/4"	3/8"	83	50	
			1,9	1,5	33	2,9	3,0	33	3,9	4,0	40					
			2,0	3,5	22	3,0	4,6	28	4,0	6,3	34					
	3,7	5,0	1,8	0,7	50	2,7	0,9	66	3,6	1,0	80					
			1,9	3,0	40	2,9	4,0	55	3,9	8,0	60					
			2,0	5,5	31	3,0	6,4	44	4,0	9,2	59					
	2,0	5,5	1,5	1,0	58	2,2	1,2	76	3,2	1,2	95					
			1,8	5,0	52	2,6	7,0	69	3,6	10	83					
			2,0	10	48	3,0	14	60	4,0	19	73					
2,8	7,6	1,5	1,2	95	2,2	1,5	124	3,1	1,8	155						
		1,7	7,0	90	2,5	10	112	3,5	15	140						
		2,0	18	71	3,0	19	100	4,0	23	136						
3,2	9,5	1,4	1,2	155	2,2	1,5	200	3,0	1,8	250	1 1/2"	1/2"	112	55		
		1,7	10	130	2,6	15	170	3,5	20	200						
		2,0	25	102	3,0	26	145	4,0	32	187						



CODING FOR AIR ASSISTED LANCE

Assigning a code containing detailed product description is of utmost importance for customer service along the life time operation of the product.

Apart from some information typical for every specific installation, which are defined within the already mentioned 9E type form, our air assisted lances are coded according to the following scheme.

Where the code parameters carry the following meanings

