

Main measurements Steam injectors/Mixing nozzles

Mounting in a pipeline

flanges up to DN 150 according to PN 16
larger than DN 150 according to PN 10

Execution for fixing between flanges
DN 1: 15 - 50

RKE = pipeline mounting, clamped execution only DN 15 - 50
RFF = pipeline mounting, fixed flanges
RLF = pipeline mounting, loose flanges

on request execution in reflected image arrangement

DN 1(ASA)	15(1/2")	20(3/4")	25(1")	40(1 1/2")	50(2")	65(2 1/2")	80(3")	100(4")	125(5")	150(6")	200(8")	250(10")	300(12")
DN 2(ASA)	8(1/4")	10(3/8")	15(1/2")	25(1")	25(1")	25(1")	40(1 1/2")	50(2")	50(2")	50/65(2 7/2")	80(3")	100(4")	125(5")
L	17,5	33	42	56	56	130	180	190	200	270	350	370	420
H	70	80	90	120	120	120	150	160	160	200	250	250	300
A	5	5	9	12,5	12,5	20,5	30	50	60	65	100	115	130
B	8,75	16,5	21	28	28	60	75	80	85	95	120	130	150
D(ASA)	45	58	68(50,8)	88(73,0)	102(92,1)	185(177,8)	200(190,5)	220(228,6)	250(254)	285(279,4)	340(342,9)	395(406,4)	445(482,6)
Steam troughput with 85 p.s.i. [kg/h]	30	50	80	280	280	430	700	1000	1470	2010/2520	5350	6550	12100

Mounting inside of a vessel

Proposal for the assembly
120 80
Flange DN 80, PN 16
check-cover DN 40, PN 16
Steam injector ILF 80/40

IGE = inside mounting, steam connection with threaded tube
IFF = inside mounting, steam connection with fixed flanges
ILF = inside mounting, steam connection with loose flanges

DN 1(ASA)	15(1/2")	20(3/4")	25(1")	50(2")	65(2 1/2")	80(3")	100(4")	125(5")	150(6")	200(8")	250(10")	300(12")
DN 2(ASA)	8(1/4")	10(3/8")	15(1/2")	25(1")	25(1")	40(1 1/2")	50(2")	50(2")	50/65(2 7/2")	80(3")	100(4")	125(5")
L	25	25	35	47,5	120	150	175	200	270	350	370	420
H	40	40	45	120	120	120	140	150	150	230	230	280
A	4,5	5,5	9	12,5	20,5	35	50	55	65	100	115	130
B	12,5	13	18	24	60	60	75	80	95	120	130	150
D	25	25	38	60	85	100	125	150	200	250	300	380
Steam troughput with 85 p.s.i. [kg/h]	30	50	80	280	430	700	1000	1470	2010/2520	5350	6550	12100

Order-example:

1 steam injector for watercounter ASA 2 1/2" and steamcounter ASA 1" with loose flanges, nominal pressure 150#material Injector = 1.4541 (F321), material Flanges carbon steel (c.s.) acc. ASTM

Typ RLF 2 1/2"/1"150# **order No.** = A-RLF-2 1/2"/1"-150-321-1

