



Dimensioni mm	Dimensions mm	Dimensions mm	Abmessungen mm	Dimensiones mm				
Ø	E	L	D	H	D1	H1	A	B
1/8	16	30	-	-	-	-	-	-
1/4	20	37	-	-	13	23	-	-
3/8	25	45	-	-	17	30	-	-
1/2	31	56	-	-	21	34	-	-
3/4	-	-	32	55	27	40	-	-
1	-	-	38	70	35	52	-	-
1 1/4	-	-	-	-	-	-	86	53
1 1/2	-	-	-	-	-	-	102	58
2	-	-	-	-	-	-	135	75
2 1/2	-	-	-	-	-	-	175	86

**CARATTERISTICHE**

- I tipi BB hanno la testina rimovibile.
- I tipi B sono a corpo unico.
- I tipi per grosse portate F-B2 (1) sono in fusione AISI 316.

**CHARACTERISTICS**

- Types BB have removable caps.
- Types B one piece made.
- Large capacity types F-B2 (1) S.S. AISI 316 made.

**CARACTERISTIQUES**

- Type BB:tête interchangeable.
- Type B: buse en un seule pièce.
- Les buses type F-B2 (1) à grand débit sont en moulage de fonte ou d'inox 316.

**TECHNISCHE EIGENSCHAFTEN**

- Der Kopf der Düsen vom typ BB ist abschraubbar, Düsen vom Typ B sind einteilig. Die Düsen F-B2 (1) für große Volumenströme sind aus Gußeisen oder Edelstahl AISI 316.

**CARACTERISTICAS**

- Tipo BB: Cabeza intercambiable.
- Tipo B: Boquilla de una sola pieza.
- Las boquillas tipo F-B2 (1) de gran caudal son de fundición o inox 316.

**APPLICAZIONI**

- Lavaggi.
- Raffreddamenti.
- Abbattimento schiume.
- Antincendio.
- Lavaggio aria e gas.
- Trattamenti chimici.

**APPLICATIONS**

- Washing.
- Cooling.
- Foam dispersion.
- Fire protection.
- Air and gas washing.
- Chemical processing.

**APPLICATIONS**

- Lavages.
- Refroidissement.
- Abbattement de poussières.
- Protection incendie.
- Lavage d'air et de gaz.
- Traitements chimiques.

**ANWENDUNGEN**

- Waschen.
- Kühlen.
- Schaumabführung.
- Feuerschutzanlagen.
- Luft- und Gaswaschanlagen.
- Chemische Verfahrenstechnik.

**APLICACIONES**

- Lavado.
- Enfriamiento.
- Aspersión de espumas.
- Protección contra incendios.
- Lavado de aire y gas.
- Tratamientos químicos.

TIPO UGELLO NOZZLE TYPE TYPE DE BUSE DÜSENTYP TIPO DE BOQUILLA	Ø1 mm	Ø2 mm	Pressione - Pressure - Pression - Druck - Presión (bar)										bar		
			0.75	1	1.5	2	3	4	5	6	7	0.5	1.5	5	
			Portata - Capacity - Debit - Volumenstrom - Caudal (l/min)										°	°	°
* 1/8 - F - BB2 - 2.8	1/8 - M - BB2 - 2.8	1.5	0.8	1.00	1.20	1.51	1.70	2.00	2.30	2.50	2.70	3.00	120	120	100
* 1/8 - F - BB2 - 4.3	1/8 - M - BB2 - 4.3	2.0	1.0	1.72	1.90	2.30	2.55	3.20	3.55	3.95	4.24	4.80	120	120	100
* 1/8 - F - BB2 - 5.6	1/8 - M - BB2 - 5.6	2.4	1.0	2.27	2.50	3.10	3.50	4.10	4.60	5.05	5.50	6.15	120	120	100
* 1/8 - F - BB2 - 8	1/8 - M - BB2 - 8	2.5	1.3	3.18	3.50	4.30	4.80	5.70	6.50	7.20	7.90	8.55	120	120	105
* 1/4 - F - BB2 - 10	1/4 - M - BB2 - 10	3.0	1.6	4.00	4.40	5.35	6.05	7.20	8.15	8.95	9.7	10.8	120	120	105
* 1/4 - F - BB2 - 12	1/4 - M - BB2 - 12	3.3	1.8	4.80	5.30	6.34	7.22	8.55	9.80	10.70	11.7	12.8	120	120	105
* 1/4 - F - BB2 - 14	1/4 - M - BB2 - 14	3.6	1.6	5.60	6.20	7.50	8.45	10.00	11.40	12.50	13.5	15.0	120	120	105
* 3/8 - F - BB2 - 17	3/8 - M - BB2 - 17	3.7	2.4	7.09	7.50	9.05	10.2	12.3	13.8	15.3	16.5	18.5	120	120	102
* 3/8 - F - BB2 - 20	3/8 - M - BB2 - 20	4.4	2.4	8.00	8.80	10.5	12.0	14.5	16.4	18.1	19.4	21.8	120	120	105
* 3/8 - F - BB2 - 24	3/8 - M - BB2 - 24	4.5	2.8	9.63	10.6	12.7	14.5	17.2	19.5	22.0	23.0	25.8	120	120	105
* 3/8 - F - BB2 - 27	3/8 - M - BB2 - 27	4.7	3.0	10.8	11.9	14.1	16.3	19.5	21.9	24.0	26.0	29.2	120	120	105
* 1/2 - F - BB2 - 30	1/2 - M - BB2 - 30	5.1	3.2	12	13.3	15.7	18.1	22.1	24.0	26.9	29.0	33.0	120	120	110
* 1/2 - F - BB2 - 35	1/2 - M - BB2 - 35	5.9	3.2	14.1	15.5	18.4	21.0	25.1	29.0	30.9	35.0	37.0	120	120	110
* 1/2 - F - BB2 - 40	1/2 - M - BB2 - 40	6.4	3.6	16.1	17.7	21.2	24.3	29.0	33.0	36.2	38.8	43.5	120	120	110
* 1/2 - F - BB2 - 45	1/2 - M - BB2 - 45	6.4	4.0	18.1	19.9	24.0	27.5	32.6	37.0	40.1	44.5	49.0	120	120	110
* 1/2 - F - BB2 - 50	1/2 - M - BB2 - 50	6.7	4.3	20.0	22.0	26.5	30.4	36.3	40.9	45.0	50.1	54.4	120	120	115
* 1/4 - F - B2 - 14	1/4 - M - B2 - 14	3.3	1.6	5.60	6.20	7.50	8.45	10.0	11.4	12.5	13.5	15.0	120	120	105
* 3/8 - F - B2 - 17	3/8 - M - B2 - 17	3.7	2.4	7.1	7.5	9.0	10.2	12.3	13.8	15.3	16.5	18.5	120	120	102
* 3/8 - F - B2 - 20	3/8 - M - B2 - 20	4.4	2.4	8.0	8.8	10.5	12.0	14.5	16.4	18.1	19.4	21.8	120	120	105
* 3/8 - F - B2 - 24	3/8 - M - B2 - 24	4.5	2.8	9.6	10.6	12.7	14.5	17.2	19.5	22.0	23.0	25.8	120	120	105
* 3/8 - F - B2 - 27	3/8 - M - B2 - 27	4.7	3.0	10.8	11.9	14.1	16.3	19.5	21.9	24.0	26.0	29.2	120	120	105
* 1/2 - F - B2 - 30	1/2 - M - B2 - 30	5.1	3.2	12.0	13.3	15.7	18.1	22.1	24.0	28.9	29.0	33.0	120	120	110
* 1/2 - F - B2 - 35	1/2 - M - B2 - 35	5.9	3.2	14.1	15.5	18.4	21.0	25.1	29.0	30.9	35.0	37.0	120	120	110
* 1/2 - F - B2 - 40	1/2 - M - B2 - 40	6.4	3.6	16.1	17.7	21.2	24.3	29.0	33.0	36.2	38.8	43.5	120	120	110
* 1/2 - F - B2 - 45	1/2 - M - B2 - 45	6.6	3.6	18.1	19.9	24.0	27.5	32.6	37.0	40.1	44.5	49.0	120	120	110
* 1/2 - F - B2 - 50	1/2 - M - B2 - 50	6.7	4.3	20.0	22.0	26.5	30.4	36.3	40.9	45.0	50.1	54.4	120	120	115
* 3/4 - F - B2 - 6	3/4 - M - B2 - 6	9.7	4.5	28	31	37	42	50	57	63	68	75	120	120	110
* 1 - F - B2 - 11	1 - M - B2 - 11	13.0	5.7	51	57	68	77	92	104	115	125	138	120	125	115
* 1 1/4 - F - B2 - 16 (1)		15.4	6.6	75	83	100	112	135	152	168	182	207	120	125	120
* 1 1/2 - F - B2 - 24 (1)		18.1	10.3	112	124	149	170	200	231	250	276	300	125	125	120
* 2 - F - B2 - 47 (1)		24.9	11.2	222	245	290	330	394	445	495	540	590	125	125	120
* 2 1/2 - F - B2 - 70 (1)		31.7	14.4	327	360	430	490	591	670	739	800	890	125	125	120

\* Materiale a richiesta - Material on request - Articles sur demande - Materil nach Wunsch - Material a solicitar.