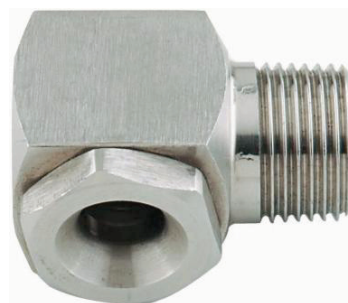
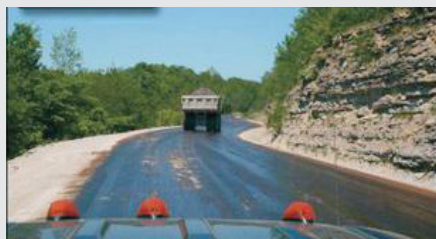


TechnoHydro Srl

Via Lodi, n. 1 – 20835 Muggiò (MB)
Tel. 039/9140312 – Fax: 039/9140313
email: info@technohydro.com - Web: www.technohydro.com

Ugelli Cono Vuoto

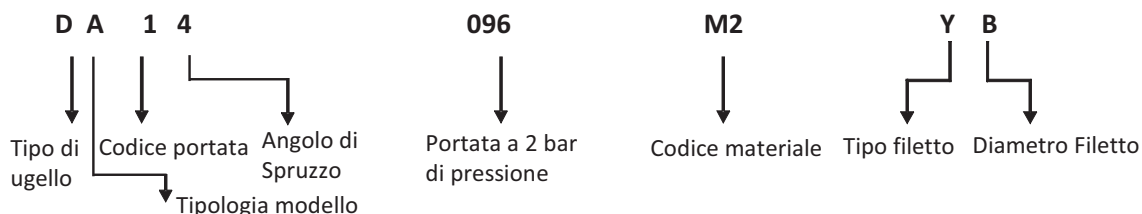


Applicazioni:

- ◆ Engineering di processo
- ◆ Processi chimici
- ◆ Raffreddamenti
- ◆ Disinfezioni
- ◆ Controllo
- ◆ polveri
- ◆ Schiume protezione
- ◆ antincendio
- ◆ Trattamento gas
- ◆ Umidificazione aria
- ◆ Umidificazione prodotti
- ◆ Umidificazioni tessili
- ◆ Spruzzo lubrificanti
- ◆ Desurriscaldatori
- ◆ Protezione serbatoi
- ◆ e molto altro ancora...

SISTEMA DI CODIFICA DEI PRODOTTI

Il seguente esempio vi aiuterà nella determinazione dei codici necessari per effettuare correttamente un ordine di ugelli spruzzatori:



1) Codice per il tipo di ugello spruzzatore

- A. Ugelli Atomizzatori pneumatici
- B. Ugelli a cono vuoto
- C. Ugelli a Getto piatto
- D. Ugelli a cono pieno
- E. Ugelli a getto rettilineo
- F. Ugelli per lavaggio serbatoi
- G. Accessori
- H. Ugelli per impieghi particolari
- I. Progetti speciali

2) Vedi tabelle seguenti

3) Angoli di spruzzo

- 1 = 15°
- 2 = 30°
- 3 = 45°
- 4 = 60°
- 5 = 75°
- 6 = 90°
- 7 = 100°
- 8 = 120°
- 9 = 130° e oltre

4) Codice materiale

- M0 = M.S.
- M1 = acc. Inox SS303/SS304
- M2 = acc. inoxSS316
- M3 = Ottone
- M4 = Ghisa
- M5 = Alluminio
- M6 = Hastelloy C/B /2000
- M7 = Titanio
- M8 = Monel
- M9 = Silicon Carbide
- Nota : materiali speciali su richiesta

5) Codice diametro filettature

- | | |
|------------|------------|
| A = 1/8" | B = 1/4" |
| C = 3/8" | D = 1/2" |
| E = 3/4" | F = 1" |
| G = 1"-1/4 | H = 1"-1/2 |
| K = 2" | L = 2"-1/2 |
| M = 3" | N = 3"-1/2 |
| O = 4" | |

Nota: attacchi speciali su richiesta

6) Codice tipo filetto

- X = BSPP Y = BSPT Z = NPT
Note : Filetti speciali su richiesta

- P1 = PVC(Polyvinylchloride)
- P2 = PP (Polypropylene)
- P3 = Teflon/PTFE (Polyterafluoroethylene)
- P4 = Nylon(Polyamide)
- P5 = Delrin/ POM(Polyacetate)
- P6 = PVDF(Polyvinylidene fluoride)
- P7 = Polyethylene

La forma di spruzzo è un anello circolare. Gli ugelli a cono vuoto sono adatti per applicazioni che richiedono una buona nebulizzazione a basse pressioni o dove è richiesto un rapido trasferimento di calore.

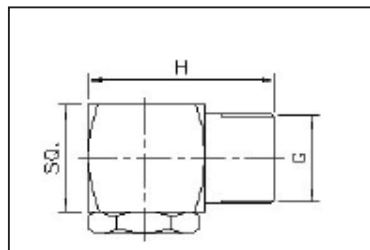
Caratteristiche: ingresso tangenziale del liquido nella camera di turbolenza.

Applicazioni : Lavaggio e raffreddamento aria e gas, abbattimento polveri, umidificazioni, processi chimici, ecc.

Angoli di spruzzo : 60°- 90°- 120°

Attacchi : da 1/4" a 3/4" BSPT

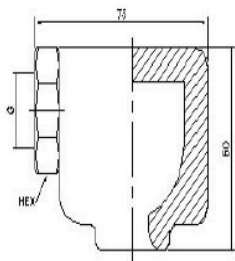
Materiali : AISI 316, 304, Ottone, PVC, PP, Teflon, PVDF.



MODELLO	DIAM. ATTACCO					Inlet Dia. Nom. (mm)	orifizio Dia. nom. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	YA	YB	YC	YD	YE			P [bar]								M1/M2	M3	1/ P2
	1/8"BSPT	1/4"BSPT	3/8"BSPT	1/2"BSPT	3/4"BSPT											SS 304/ SS 316	Brass	PVC/ PP
ANGOLO 60°																G / A DIMENSION MM		
								40* psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	H	SQ	
BA14.050	YA					1.1	1.2	0.15	0.25	0.35	0.50	0.61	0.79	0.94	1.12	YA		
BA14.075	YA	YB				1.3	1.4	0.23	0.375	0.53	0.75	0.92	1.19	1.40	1.68	30	16	
BA14.100	YA	YB				1.6	1.7	0.31	0.5	0.71	1.00	1.22	1.58	1.87	2.24			
BA14.150	YA	YB				1.9	2.1	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35	YB		
BA14.175	YA	YB				2.0	2.3	0.54	0.875	1.24	1.75	2.14	2.77	3.27	3.91	35	20	
BA14.200	YA	YB				2.2	2.4	0.61	1.0	1.41	2.00	2.45	3.16	3.74	4.47			
BA14.250	YA	YB				2.5	2.7	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59			
BA14.350	YA	YB	YC			2.9	3.2	1.07	1.75	2.47	3.50	4.29	5.53	6.55	7.83			
BA14.400	YA	YB	YC			3.1	3.5	1.23	2.00	2.83	4.00	4.90	6.32	7.48	8.94			
BA14.475	YA	YB	YC			3.4	3.7	1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62	YC		
BA14.650	YA	YB	YC			4.0	4.4	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53	35	20	
BA14.800		YB	YC			4.4	4.9	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89			
BA24.100		YB	YC			4.9	5.5	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36			
BA24.125			YC			5.5	6.1	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BA24.160			YC	YD		6.2	6.9	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78			
BA24.200			YC	YD		6.9	7.7	6.13	10.0	14.14	20.00	24.49	31.62	37.42	44.72	YD		
BA24.225				YD		7.4	8.2	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31	45	25	
BA24.250				YD	YE	7.8	8.6	7.66	12.5	17.68	25.00	30.62	39.53	46.77	55.90			
BA24.320				YD	YE	8.8	9.8	9.81	16.0	22.63	32.00	39.19	50.60	59.87	71.55			
BA24.400				YD	YE	9.8	10.9	12.26	20.0	28.28	40.00	48.99	63.25	74.83	89.44			
BA24.520					YE	11.2	12.4	15.94	26.0	36.77	52.00	63.69	82.22	97.28	116.0	YE		
BA24.650					YE	12.5	13.9	19.92	32.5	45.96	65.00	79.61	102.0	121.0	145.0	57	32	
BA24.800					YE	13.9	15.4	24.52	40.0	56.57	80.00	97.98	126.0	149.0	178.0			

MODELLO	DIAM. ATTACCO					Inlet Dia. Nom. (mm)	Orifizio Dia. Nom. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	YA	YB	YC	YD	YE				P [bar]							M1/M2	M3	P1/P2
ANGOLO 90°	1/8" BSPT	1/4" BSPT	3/8" BSPT	1/2" BSPT	3/4" BSPT											SS 304/ SS 316	Brass	PVC/PP
								40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	G / A DIMENSIONI MM		
																H	SQ	
BA16.050	YA					1.1	1.2	0.15	0.25	0.35	0.5	0.61	0.79	0.94	1.12	YA		
BA16.075	YA	YB				1.3	1.4	0.23	0.37	0.53	0.7	0.92	1.19	1.40	1.68	30		16
BA16.100	YA	YB				1.6	1.7	0.31	0.5	0.71	1.00	1.22	1.58	1.87	2.24			
BA16.150	YA	YB				1.9	2.1	0.46	0.75	1.06	1.5	1.84	2.37	2.81	3.35	YB		
BA16.175	YA	YB				2.0	2.3	0.54	0.87	1.24	1.7	2.14	2.77	3.27	3.91	35		20
BA16.200	YA	YB				2.2	2.4	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47			
BA16.250	YA	YB				2.5	2.7	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59			
BA16.350	YA	YB	YC			2.9	3.2	1.07	1.75	2.47	3.50	4.29	5.53	6.55	7.83			
BA16.400	YA	YB	YC			3.1	3.5	1.23	2.00	2.83	4.00	4.90	6.32	7.48	8.94			
BA16.475	YA	YB	YC			3.4	3.7	1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62	YC		
BA16.650	YA	YB	YC			4.0	4.4	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53	35		20
BA16.800		YB	YC			4.4	4.9	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89			
BA26.100		YB	YC			4.9	5.5	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36			
BA26.125			YC			5.5	6.1	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BA26.160			YC	YD		6.2	6.9	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78			
BA26.200			YC	YD		6.9	7.7	6.13	10.0	14.14	20.00	24.49	31.62	37.42	44.72	YD		
BA26.225				YD		7.4	8.2	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31	45		25
BA26.250				YD	YE	7.8	8.6	7.66	12.5	17.68	25.00	30.62	39.53	46.77	55.90			
BA26.320				YD	YE	8.8	9.8	9.81	16.0	22.63	32.00	39.19	50.60	59.87	71.55			
BA26.400				YD	YE	9.8	10.9	12.26	20.0	28.28	40.00	48.99	63.25	74.83	89.44			
BA26.520					YE	11.2	12.4	15.94	26.0	36.77	52.00	63.69	82.22	97.28	116	YE		
BA26.650					YE	12.5	13.9	19.92	32.5	45.96	65.00	79.61	102.77	121	145	57		32
BA26.800					YE	13.9	15.4	24.52	40.0	56.57	80.00	97.98	126.49	149	178			

MODELLO	DIAM. ATTACCO					INLET Dia. Nom. (mm)	Orifizio Dia. Nom. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	YA	YB	YC	YD	YE				P [bar]							M1/M2	M3	P1/P2
ANGOLO 120°	1/8" BSPT	1/4" BSPT	3/8" BSPT	1/2" BSPT	3/4" BSPT											SS 304/ SS 316	Brass	PVC/PP
								40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	G / A DIMENSIONI MM		
																H	SQ	
BA18.050	YA					1.1	1.2	0.15	0.25	0.35	0.50	0.61	0.79	0.94	1.12	YA		
BA18.075	YA	YB				1.3	1.4	0.23	0.375	0.53	0.75	0.92	1.19	1.40	1.68	30		16
BA18.100	YA	YB				1.6	1.7	0.31	0.5	0.71	1.00	1.22	1.58	1.87	2.24			
BA18.150	YA	YB				1.9	2.1	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35	YB		
BA18.175	YA	YB				2.0	2.3	0.54	0.875	1.24	1.75	2.14	2.77	3.27	3.91	35		20
BA18.200	YA	YB				2.2	2.4	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47			
BA18.250	YA	YB				2.5	2.7	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59			
BA18.350	YA	YB	YC			2.9	3.2	1.07	1.75	2.47	3.50	4.29	5.53	6.55	7.83			
BA18.400	YA	YB	YC			3.1	3.5	1.23	2.00	2.83	4.00	4.90	6.32	7.48	8.94			
BA18.475	YA	YB	YC			3.4	3.7	1.46	2.375	3.36	4.75	5.82	7.51	8.89	10.62	YC		
BA18.650	YA	YB	YC			4.0	4.4	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53	35		20
BA18.800		YB	YC			4.4	4.9	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89			
BA28.100		YB	YC			4.9	5.5	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36			
BA28.125			YC			5.5	6.1	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BA28.160			YC	YD		6.2	6.9	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78			
BA28.200			YC	YD		6.9	7.7	6.13	10.0	14.14	20.00	24.49	31.62	37.42	44.72	YD		
BA28.225				YD		7.4	8.2	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31	45		25
BA28.250				YD	YE	7.8	8.6	7.66	12.5	17.68	25.00	30.62	39.53	46.77	55.90			
BA28.320				YD	YE	8.8	9.8	9.81	16.0	22.63	32.00	39.19	50.60	59.87	71.55			
BA28.400				YD	YE	9.8	10.9	12.26	20.0	28.28	40.00	48.99	63.25	74.83	89.44			
BA28.520					YE	11.2	12.4	15.94	26.0	36.77	52.00	63.69	82.22	97.28	116	YE		
BA28.650					YE	12.5	13.9	19.92	32.5	45.96	65.00	79.61	102	121	145	57		32
BA28.800					YE	13.9	15.4	24.52	40.0	56.57	80.00	97.98	126	149	178			



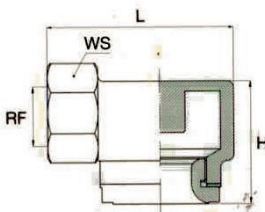
Fine distribuzione anche a basse pressioni.

Applicazioni:

Raffreddamento e pulizia di gas, acqua, controllo polveri, processi chimici.

MODELLO	DIAM. ATTACCO				DIAM. ORIF. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	XF	XH	XK	XL										M1/M2	M3	P1/P2
ANGOLO 75°	1"BSPP	1 1/2"BSPP	2" BSPP	2 1/2" BSPP			P [bar]							SS 304/ SS 316	Brass	PVC/ PP
						40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	H	L	HEX
BC25.050	XF				10.5	15.33	25.0	35.36	50.0	61.24	79.06	93.54	111.80	XF		
BC25.063	XF				11.8	19.31	31.5	44.55	63.0	77.16	99.61	117.86	140.87	60	75	46
BC25.080	XF				13.3	24.52	40.0	56.57	80.0	97.98	126.49	149.67	178.89			
BC35.100	XF				14.9	30.65	50.0	70.71	100.0	122.47	158.11	187.08	223.61			
BC35.118		XH			16.2	36.17	59.0	83.44	118.0	144.52	186.57	220.76	263.86	XH		
BC35.130		XH			17.0	39.85	65.0	91.92	130.0	159.22	205.55	243.21	290.69	90	92	60
BC35.160		XH			18.8	49.05	80.0	113.14	160.0	195.96	252.98	299.33	357.77			
BC35.200		XH			21.1	61.31	100	141.42	200.0	244.95	316.23	374.17	447.21			
BC35.227		XH			22.4	69.58	113.5	160.51	227.0	278.02	358.92	424.68	507.59			
BC35.337			XK		27.4	103.30	168.5	238.29	337.0	412.74	532.84	630.47	753.55	XK		
BC35.469			XK		32.3	143.77	234.5	331.63	469.0	574.41	741.55	877.42	1048.72	127	118	80
BC35.540				XL	34.6	165.53	270	381.84	540.0	661.36	853.81	1010.25	1207.48	XL 156	140	100

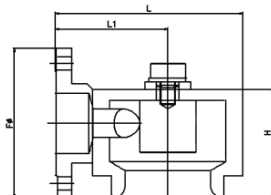
MODELLO	DIAM. ATTACCHI				ORIFIZIO DIAM. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	XF	XH	XK	XL										M1/M2	M3	P1/P2
ANGOLO 90°	1"BSPT	1/2"BSPT	2" BSPT	2 1/2"BSPT		P [bar]								SS 304/	Brass	PVC/ PP
														G / A DIMENSION. MM		
														H	L	HEX
						40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0			
BC26.050	XF				10.5	15.33	25.0	35.36	50.0	61.24	79.06	93.54	111.80	XF		
BC26.063	XF				11.8	19.31	31.5	44.55	63.0	77.16	99.61	117.86	140.87	60	75	46
BC26.080	XF				13.3	24.52	40.0	56.57	80.0	97.98	126.49	149.67	178.89			
BC36.100	XF				14.9	30.65	50.0	70.71	100	122	158.11	187.08	223.61			
BC36.118		XH			16.2	36.17	59.0	83.44	118	144	186.57	220.76	263.86	XH		
BC36.130		XH			17.0	39.85	65.0	91.92	130	159	205.55	243.21	290.69	90	92	60
BC36.160		XH			18.8	49.05	80.0	113	160	195	252.98	299.33	357.77			
BC36.200		XH			21.1	61.31	100	141	200	244	316.23	374.17	447.21			
BC36.227		XH			22.4	69.58	113.5	160.51	227	278.02	358.92	424.68	507.59			
BC36.337			XK		27.4	103.30	168.5	238.29	337	412.74	532.84	630.47	753.55	XK		
BC36.469			XK		32.3	143.77	234.5	331.63	469	574.41	741.55	877.42	1048.72	127	118	80
BC36.540				XL	34.6	165.53	270	381.84	540	661.36	853.81	1010	1207	XL 156	140	100



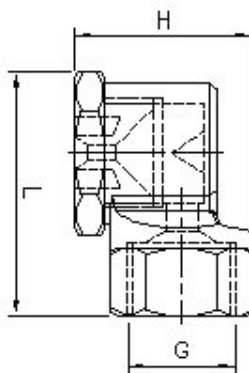
MODELLO	DIAM. ATTACCHI				ORIFIZIO DIAM. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	XF	XH	XK	XL										M1/M2	M3	P1/P2
	1"BSPP	1 1/2"BSPP	2" BSPP	2 1/2"BSPP										SS 304/ SS 316	Brass	PVC/ PP
ANGOLO 130°							P [bar]							G / A DIMENSION. MM		
						40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	H	L	HEX
BD26.050	XF				12.6	15.33	25.0	35.36	50.0	61.24	79.06	93.54	111.80	XF		
BD26.063	XF				14.1	19.31	31.5	44.55	63.0	77.16	99.61	117.86	140.87	60	94	46
BD26.080	XF				15.9	24.52	40.0	56.57	80.0	97.98	126.49	149.67	178.89			
BD36.100	XF				17.8	30.65	50.0	70.71	100.0	122.47	158.11	187.08	223.61			
BD36.118		XH			19.3	36.17	59.0	83.44	118.0	144.52	186.57	220.76	263.86	XH		
BD36.130		XH			20.3	39.85	65.0	91.92	130.0	159.22	205.55	243.21	290.69	75	112	60
BD36.160		XH			22.5	49.05	80.0	113.14	160.0	195.96	252.98	299.33	357.77			
BD36.200		XH			25.1	61.31	100	141.42	200.0	244.95	316.23	374.17	447.21			
BD36.227		XH			26.8	69.58	113.5	160.51	227.0	278.02	358.92	424.68	507.59			
BD36.337			XK		32.6	103.30	168.5	238.29	337.0	412.74	532.84	630.47	753.55	XK		
BD36.469			XK		38.5	143.77	234.5	331.63	469.0	574.41	741.55	877.42	1048	90	140	75
BD36.540				XL	41.3	165.53	270	381.84	540.0	661.36	853.81	1010	1207	XL 127	193	90

BE - UGELLI A CONO VUOTO – ALTE PORTATE – ATTACCHI FLANGIATI

BE

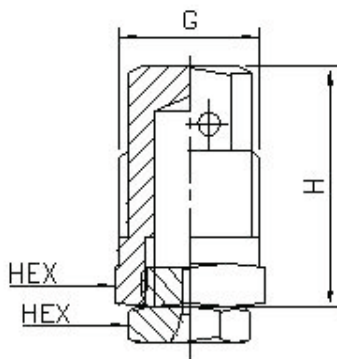


MODELLO	ATTACCHI FLANGIATI	ORIFIZ. DIAM (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice materiale			
											M1/M2	M3	P1/P2	
			ANGOLO 130°				P [bar]						SS 304/ SS 316	Brass
G / A DIMENSION. MM														
FØ	L	L1												
			40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	200	250	150	156
BE39.510	3"	32.0	156.33	255	360.62	510	624.62	806.38	954.12	1140.39				
BE39.571		33.8	175.03	285.5	403.76	571	699.33	902.83	1068.24	1276.79				
BE39.642		35.9	196.80	321	453.96	642	786.29	1015.09	1201.07	1435.56				
BE39.724		38.1	221.93	362	511.95	724	886.72	1144.74	1354.48	1618.91				
BE39.816		40.4	250.13	408	577.00	816	999.39	1290.21	1526.60	1824.63				
BE39.918		42.9	281.40	459	649.12	918	1124.32	1451.49	1717.42	2052.71				
BE49.1020		45.2	312.67	510	721.25	1020	1249.24	1612.76	1908.25	2280.79				
BE49.1262		50.3	386.85	631	892.37	1262	1545.63	1995.40	2360.99	2821.92				
BE49.1616	4"	56.9	495.36	808	1142.68	1616	1979.19	2555.12	3023.26	3613.49	220	354	200	240
BE49.2020		63.6	619.20	1010	1428.36	2020	2473.98	3193.90	3779.07	4516.86				
BE49.2525		71.2	774.00	1262.5	1785.44	2525	3092.48	3992.38	4723.84	5646.07				
BE49.3181		79.9	975.09	1590.5	2249.31	3181	3895.91	5029.60	5951.11	7112.93				



Ugelli in plastica stampata in due pezzi con possibilità di scelta della testina di spruzzo fra diverse portate e angoli di spruzzo, attacco 3/8" F-
Fornibili con fascette di montaggio per diversi diametri dei tubi collettori.

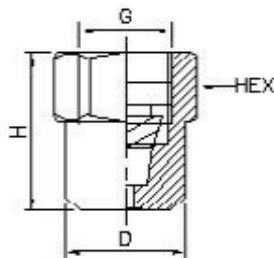
MODELLO	DIAM. ATTACCHI	ORIFIZ. DIAM. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	YC										M1/M2	M3	P1/P2
ANGOLO 60°	3/8 BSPT		P [Bar]	0.5	1.0	2.0	3.0	5.0	7.0	10.0	SS 304/SS 316	Brass	PVC/PP
											G / A DIMENSION. MM		
			40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	H	L	HEX
BF14.050	YC	1.0	0.15	0.25	0.35	0.50	0.61	0.79	0.94	1.12			
BF14.075	YC	1.2	0.23	0.375	0.53	0.75	0.92	1.19	1.40	1.68			
BF14.100	YC	1.4	0.31	0.5	0.71	1.00	1.22	1.58	1.87	2.24	YC		
BF14.150	YC	1.7	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35	32	45	22
BF14.175	YC	1.9	0.54	0.87	1.24	1.75	2.14	2.77	3.27	3.91			
BF14.200	YC	2.0	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47			
BF14.250	YC	2.2	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59			
ANGOLO 75°													
BF15.100	YC	1.4	0.31	0.5	0.71	1.00	1.22	1.58	1.87	2.24	YC		
BF15.150	YC	1.7	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35	32	45	22
BF15.200	YC	2.0	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47			
BF15.250	YC	2.2	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59			
ANGOLO 90°													
BF16.250	YC	2.2	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59	YC		
BF16.350	YC	2.6	1.07	1.75	2.47	3.50	4.29	5.53	6.55	7.83	32	45	22
BF16.400	YC	2.8	1.23	2.00	2.83	4.00	4.90	6.32	7.48	8.94			
BF16.475	YC	3.0	1.46	2.375	3.36	4.75	5.82	7.51	8.89	10.62			
BF16.650	YC	3.6	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53			
BF16.800	YC	4.0	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89			
BF26.1000	YC	4.4	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36			
BF26.1250	YC	4.9	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BF26.1600	YC	5.6	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78			
BF26.2250	YC	6.6	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31			
ANGOLO 130°													
BF19.250	YC	2.2	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59	YC		
BF19.350	YC	2.6	1.07	1.75	2.47	3.50	4.29	5.53	6.55	7.83	32	45	22
BF19.400	YC	2.8	1.23	2.00	2.83	4.00	4.90	6.32	7.48	8.94			
BF19.475	YC	3.0	1.46	2.375	3.36	4.75	5.82	7.51	8.89	10.62			
BF19.650	YC	3.6	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53			
BF19.800	YC	4.0	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89			
BF29.1000	YC	4.4	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36			
BF29.1250	YC	4.9	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BF29.1600	YC	5.6	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78			
BF29.2250	YC	6.6	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31			



Cono vuoto con ingresso assiale.
Fine nebulizzazione dello spruzzo, in genere i coni vuoti producono gocce più piccole dei coni pieni alle medesime condizioni di impiego.

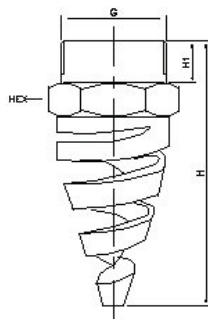
Applicazioni:
raffreddamento e lavaggio aria e gas,
pulizia desuriscaldatori,
abbattimento polveri, ecc.

MODELLO	DIAM. ATTACCHI					INLET DIAM. NOM. (mm)	ORIFIZ. DIAM. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR										Codice Materiale		
	YB	YC	YD	YE	YH													1/M2	M3	P1/P2
ANGOLO 60°	1/4"BSPT	3/8"BSPT	1/2"BSPT	3/4"BSPT	1 1/2"BSPT			P [bar]										SS 304/ L	Brass	PVC/PP
								40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0			G / A DIMENSION. MM		
																		H	H1	
BG14.050	YB					1.2	1.1	0.15	0.25	0.35	0.50	0.61	0.79	0.94	1.12		YB			
BG14.075	YB					1.4	1.3	0.23	0.37	0.53	0.75	0.92	1.19	1.40	1.68		25	14		
BG14.100	YB					1.7	1.6	0.31	0.5	0.71	1.00	1.22	1.58	1.87	2.24					
BG14.150	YB	YC				2.1	2.0	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35					
BG14.175	YB	YC				2.2	2.1	0.54	0.87	1.24	1.75	2.14	2.77	3.27	3.91		YC			
BG14.200	YB	YC				2.4	2.3	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47		31	17		
BG14.250	YB	YC				2.7	2.5	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59					
BG14.350		YC				3.2	3.0	1.07	1.75	2.47	3.50	4.29	5.53	6.55	7.83					
BG14.400		YC				3.4	3.2	1.23	2.00	2.83	4.00	4.90	6.32	7.48	8.94					
BG14.475		YC				3.7	3.5	1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62					
BG14.650		YC	YD			4.3	4.1	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53		YD			
BG14.800		YC	YD			4.8	4.5	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89		37	22		
BG24.100			YD			5.4	5.1	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36					
BG24.125			YD			6.0	5.7	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95					
BG24.160			YD			6.8	6.4	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78					
ANGOLO SPRUZZO 75°																				
BG15.015		YC				2.1	2.0	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35		YC			
BG15.175		YC				2.2	2.1	0.54	0.875	1.24	1.75	2.14	2.77	3.27	3.91		31	17		
BG15.200		YC				2.4	2.3	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47					
BG15.250		YC				2.7	2.5	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59					
BG15.350		YC				3.2	3.0	1.07	1.75	2.47	3.50	4.29	5.53	6.55	7.83					
BG15.400		YC				3.4	3.2	1.23	2.00	2.83	4.00	4.90	6.32	7.48	8.94					
BG15.475		YC	YD			3.7	3.5	1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62					
BG15.650		YC	YD			4.3	4.1	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53					
BG15.800		YC	YD			4.8	4.5	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89					
BG15.100			YD	YE		5.4	5.1	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36		YE			
BG15.120			YD	YE		6.0	5.7	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95		44	32		
BG15.160			YD	YE		6.8	6.4	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78					
BG15.200				YE		7.6	7.2	6.13	10.00	14.14	20.00	24.49	31.62	37.42	44.72					
BG15.225				YE		8.1	7.6	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31					
BG15.250				YE		8.5	8.0	7.66	12.5	17.68	25.00	30.62	39.53	46.77	55.90					
BG15.320				YE		9.6	9.1	9.81	16.00	22.63	32.00	39.19	50.60	59.87	71.55					
ANGOLO SPRUZZO 90°																				
BG26.320					YH	9.6	9.1	9.81	16.00	22.63	32.00	39.19	50.60	59.87	71.55		YH			
BG26.400					YH	10.8	10.1	12.26	20.00	28.28	40.00	48.99	63.25	74.83	89.44		68	50		
BG26.520					YH	12.3	11.5	15.94	26.00	36.77	52.00	63.69	82.22	97.28	116.28					
BG26.650					YH	13.7	12.9	19.92	32.5	45.96	65.00	79.61	102.77	121.60	145.34					
BG26.800					YH	15.2	14.3	24.52	40.00	56.57	80.00	97.98	126.49	149.67	178.89					



Cono vuoto assiale con speciale vorticolatore interno che permette una buona distribuzione di gocce particolarmente ben nebulizzate.

MODELLO	DIAM. ATTACCHI			ORIFIZ. DIAM. (mm)	PORTATA IN LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	XB	XC	XD										M1/M2	M3	P1/P2
ANGOLO 60°	1/4" BSPP	3/8" BSPP	1/2" BSPP			P [BAR]							SS 304/ SS 316	Brass	PVC/PP
					40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	G / A DIMENSION. MM		
													H	D	HEX
BH14.050	XA			1.1	0.15	0.25	0.35	0.50	0.61	0.79	0.94	1.12			
BH14.075	XA			1.1	0.23	0.375	0.53	0.75	0.92	1.19	1.40	1.68			
BH14.100	XA			1.4	0.31	0.5	0.71	1.00	1.22	1.58	1.87	2.24			
BH14.150	XA			1.4	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35	XA		
BH14.200	XA			1.4	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47	22	21	19
BH14.250	XA			1.4	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59			
ANGOLO SPRUZZO 75°															
BH15.100		XC		2.2	0.31	0.5	0.71	1.00	1.22	1.58	1.87	2.24	XC		
BH15.150		XC		2.2	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35	29	21.2	22
BH15.200		XC		2.2	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47			
BH15.250		XC		2.2	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59			
ANGOLO SPRUZZO 90°															
BH16.250		XC		2.2	0.77	1.25	1.77	2.50	3.06	3.95	4.68	5.59			
BH16.350		XC		2.2	1.07	1.75	2.47	3.50	4.29	5.53	6.55	7.83			
BH16.400		XC		2.2	1.23	2.00	2.83	4.00	4.90	6.32	7.48	8.94			
BH16.475		XC		2.2	1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62			
BH16.650		XC	XD	2.2	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53			
BH16.800		XC	XD	2.2	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89	XD		
BH26.100			XD	2.2	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36	36	26.2	27
BH26.125			XD	2.2	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BH26.160			XD	2.4	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78			



Cono vuoto a spirale senza parti interne. Garanzia di un passaggio libero ampio con conseguente riduzione dei problemi di intasamento. Il design compatto consente una maggiore portata con attacchi di diametro minore. Gocciolometria ridotta con una velocità di uscita maggiore.

MODELLO	DIAM. ATTACCHI					ORIFIZ. DIAM (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale			
	YB	YC	YD	YE	YH										M1/M2	M3	P1/P2	
ANGOLO 60°	1/4 BSPT	3/8 BSPT	1/2"BSPT	3/4"BSPT	1"BSPT		40*psi	P [BAR]	0.5	1.0	2.0	3.0	5.0	7.0	10.0	SS 304/ SS 316	Brass	PVC/ PP
																G / A DIMENSION. MM		
BI14.650	YB					2.5	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53	H	H1	HEX	
BI14.800	YB					2.8	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89	YB			
BI24.100	YB	YC				3.1	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36	40	10	16	
BI24.125	YB	YC				3.5	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95				
BI24.160		YC				4.0	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78				
BI24.225		YC				4.7	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31	YC			
BI24.250		YC				5.0	7.66	12.5	17.68	25.00	30.62	39.53	46.77	55.90	48	10	17	
BI24.320		YC				5.6	9.81	16.00	22.63	32.00	39.19	50.60	59.87	71.55				
BI24.400		YC				6.3	12.26	20.00	28.28	40.00	48.99	63.25	74.83	89.44				
BI24.520		YC	YD			7.2	15.94	26.00	36.77	52.00	63.69	82.22	97.28	116.28				
BI24.650			YD			8.0	19.92	32.5	45.96	65.00	79.61	102.77	121.60	145.34	YD			
BI24.800			YD			8.9	24.52	40.00	56.57	80.00	97.98	126.49	149.67	178.89	64	14	22	
BI34.100			YD	YE		10.0	30.65	50.00	70.71	100	122.47	158.11	187.08	223.61				
BI34.118				YE		10.8	36.17	59.00	83.44	118	144.52	186.57	220.76	263.86	YE			
BI34.130				YE		11.4	39.85	65.00	91.92	130	159.22	205.55	243.21	290.69	80	15	27	
BI34.160				YE		12.6	49.05	80.00	113.14	160	195.96	252.98	299.33	357.77				
BI34.200					YH	14.1	61.31	100	141.42	200	244.95	316.23	374.17	447.21				
BI34.227					YH	15.0	69.58	113.5	160.51	227	278.02	358.92	424.68	507.59	YH			
BI34.337					YH	18.3	103	168.5	238.29	337	412.74	532.84	630.47	753.55	95	17	36	

MODELLO	DIAM. ATTACCHI					ORIFIZ. DIAM. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
															M1/M2	M3	P1/P2
	YB	YC	YD	YE	YH				P [BAR]							SS 304/ SS 316	Brass
ANGOLO 90°	1/4 BSPT	3/8 BSPT	1/2"BSPT	3/4"BSPT	1"BSPT		40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	G / A DIMENSION. MM		
BI16.650	YB					2.5	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53	H	H1	HEX
BI16.800	YB					2.8	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89	YB		
BI26.100	YB	YC				3.1	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36	40	10	16
BI26.125	YB	YC				3.5	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BI26.160		YC				4.0	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78			
BI26.225		YC				4.7	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31	YC		
BI26.250		YC				5.0	7.66	12.5	17.68	25.00	30.62	39.53	46.77	55.90	48	10	17
BI26.320		YC				5.6	9.81	16.00	22.63	32.00	39.19	50.60	59.87	71.55			
BI26.400		YC				6.3	12.26	20.00	28.28	40.00	48.99	63.25	74.83	89.44			
BI26.520		YC	YD			7.2	15.94	26.00	36.77	52.00	63.69	82.22	97.28	116.28			
BI26.650			YD			8.0	19.92	32.5	45.96	65.00	79.61	102.77	121.60	145.34	YD		
BI26.800			YD			8.9	24.52	40.00	56.57	80.00	97.98	126.49	149.67	178.89	64	14	22
BI36.100			YD	YE		10.0	30.65	50.00	70.71	100.0	122.47	158.11	187.08	223.61			
BI36.118				YE		10.8	36.17	59.00	83.44	118.0	144.52	186.57	220.76	263.86	YE		
BI36.130				YE		11.4	39.85	65.00	91.92	130.0	159.22	205.55	243.21	290.69	80	15	27
BI36.160				YE		12.6	49.05	80.00	113.14	160.0	195.96	252.98	299.33	357.77			
BI36.200					YH	14.1	61.31	100	141.42	200.0	244.95	316.23	374.17	447.21			
BI36.227					YH	15.0	69.58	113.5	160.51	227.0	278.02	358.92	424.68	507.59	YH		
BI36.337					YH	18.3	103.30	168.5	238.29	337.0	412.74	532.84	630.47	753.55	95	17	36

MODELLO	DIAM. ATTACCHI					ORIFIZ. DIAM. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	YB	YC	YD	YE	YH										M1/M2	M3	P1/P2
ANGOLO 120°	1/4 BSPT	3/8 BSPT	1/2" BSPT	3/4" BSPT	1BSPT			P [BAR]							SS 304/ SS 316	Brass	PVC/ PP
															G / A DIMENSION. MM		
BI18.650	YB					2.5	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53	H	H1	HEX
BI18.800	YB					2.8	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89	YB		
BI28.100	YB	YC				3.1	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36	40	10	16
BI28.125	YB	YC				3.5	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BI28.160		YC				4.0	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78			
BI28.225		YC				4.7	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31	YC		
BI28.250		YC				5.0	7.66	12.5	17.68	25.00	30.62	39.53	46.77	55.90	48	10	17
BI28.320		YC				5.6	9.81	16.00	22.63	32.00	39.19	50.60	59.87	71.55			
BI28.400		YC				6.3	12.26	20.00	28.28	40.00	48.99	63.25	74.83	89.44			
BI28.520		YC	YD			7.2	15.94	26.00	36.77	52.00	63.69	82.22	97.28	116.28			
BI28.650			YD			8.0	19.92	32.5	45.96	65.00	79.61	102.77	121.60	145.34	YD		
BI28.800			YD			8.9	24.52	40.00	56.57	80.00	97.98	126.49	149.67	178.89	64	14	22
BI38.100			YD	YE		10.0	30.65	50.00	70.71	100.0	122.47	158.11	187.08	223.61			
BI38.118				YE		10.8	36.17	59.00	83.44	118.0	144.52	186.57	220.76	263.86	YE		
BI38.130				YE		11.4	39.85	65.00	91.92	130.0	159.22	205.55	243.21	290.69	80	15	27
BI38.160				YE		12.6	49.05	80.00	113.14	160.0	195.96	252.98	299.33	357.77			
BI38.200					YH	14.1	61.31	100.0	141.42	200.0	244.95	316.23	374.17	447.21			
BI38.227					YH	15.0	69.58	113.5	160.51	227.0	278.02	358.92	424.68	507.59	YH		
BI38.337					YH	18.3	103.30	168.5	238.29	337.0	412.74	532.84	630.47	753.55	95	17	36

MODELLO	DIAM. ATTACCHI					ORIFIZ. DIAM. (mm)	PORTATA LT/MIN. ALLE VARIE PRESSIONI IN BAR								Codice Materiale		
	YB	YC	YD	YE	YH										M1/M2	M3	P1/P2
ANGOLO 180°	1/4" BSPT	3/8" BSPT	1/2" BSPT	3/4" BSPT	1" BSPT			P [BAR]							SS 304/ SS 316	Brass	PVC/ PP
															G / A DIMENSION. MM		
							40*psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	H	H1	HEX
BI19.650	YB					2.5	1.99	3.25	4.60	6.50	7.96	10.28	12.16	14.53	YB		
BI19.800	YB					2.8	2.45	4.00	5.66	8.00	9.80	12.65	14.97	17.89	40	10	16
BI29.100	YB	YC				3.1	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36			
BI29.125	YB	YC				3.5	3.83	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
BI29.160		YC				4.0	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78	YC		
BI29.225		YC				4.7	6.90	11.25	15.91	22.50	27.56	35.58	42.09	50.31	48	10	17
BI29.250		YC				5.0	7.66	12.5	17.68	25.00	30.62	39.53	46.77	55.90			
BI29.320		YC				5.6	9.81	16.00	22.63	32.00	39.19	50.60	59.87	71.55			
BI29.400		YC				6.3	12.26	20.00	28.28	40.00	48.99	63.25	74.83	89.44			
BI29.520		YC	YD			7.2	15.94	26.00	36.77	52.00	63.69	82.22	97.28	116.28	YD		
BI29.650			YD			8.0	19.92	32.5	45.96	65.00	79.61	102.77	121.60	145.34	64	14	22
BI29.800			YD			8.9	24.52	40.00	56.57	80.00	97.98	126.49	149.67	178.89			
BI39.100			YD	YE		10.0	30.65	50.00	70.71	100.0	122.47	158.11	187.08	223.61	YE		
BI39.118				YE		10.8	36.17	59.00	83.44	118.0	144.52	186.57	220.76	263.86	80	15	27
BI39.130				YE		11.4	39.85	65.00	91.92	130.0	159.22	205.55	243.21	290.69			
BI39.160				YE		12.6	49.05	80.00	113.14	160.0	195.96	252.98	299.33	357.77			
BI39.200					YH	14.1	61.31	100.0	141.42	200.0	244.95	316.23	374.17	447.21	YH		
BI39.227					YH	15.0	69.58	113.5	160.51	227.0	278.02	358.92	424.68	507.59	95	17	36
BI39.337					YH	18.3	103.30	168.5	238.29	337.0	412.74	532.84	630.47	753.55			