

MODEL NO.	END CONNECTION (G)					Inlet Dia. Nom. (mm)	ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE VALUES								MATERIAL CODE		
	YB	YC	YD	YE	YH			Flow Capacity in GPM	Pressure [bar]								M1/M2	M3
60° SPRAY ANGLE	1/4"BSPT	3/8"BSPT	1/2"BSPT	3/4"BSPT	1 1/2"BSPT				40"psi	0.5	1.0	2.0	3.0	5.0	7.0	10.0	H	HEX
BG14.050						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	Weight (Metals) = 20.9 gms. Approx		
BG14.150	YB	YC				2.1	2.0	0.46	0.75	1.06	1.50	1.84	2.37	2.81	3.35	YC		
BG14.175	YB	YC				2.2	2.1	0.54	0.87	1.24	1.75	2.14	2.77	3.27	3.91	27	17	
BG14.200	YB	YC				2.4	2.3	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47	Weight (Metals) = 33.3 gms. Approx		
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	32.5	22	
BG24.100			YD			5.4	5.1	3.07	5.00	7.07	10.00	12.25	15.81	18.71	22.36	Weight (Metals) = 60.1 gms. Approx		
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			
75° SPRAY ANGLE																		
BG15.150		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	27	17	
BG15.200		YC				2.4	2.3	0.61	1.00	1.41	2.00	2.45	3.16	3.74	4.47	Weight (Metals) = 33.3 gms. Approx		
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	38	27	
BG15.160			YD	YE		6.8	6.4	4.90	8.00	11.31	16.00	19.60	25.30	29.93	35.78	Weight (Metals) = 63.0 gms. Approx		
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			
90° SPRAY ANGLE																		
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	60.5	51	
BG26.520				YH		12.3	11.5	15.94	26.00	36.77	52.00	63.69	82.22	97.28	116.28	Weight (Metals) = 595 gms. Approx		
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			