



SPRAY CHARACTERISTICS

- Uniform distribution of droplets in a wide angle solid cone spray pattern.
- Droplet size is larger than in hollow cone nozzles of equal capacity.
- Spray droplet size increases as flow increases at the same pressure.

CONSTRUCTION AND MATERIALS

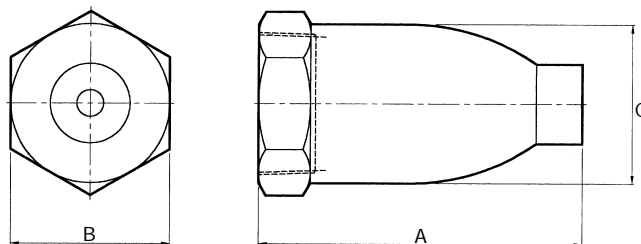
- One piece, cast body with removable vane type core.
- Core imparts the necessary swirl to produce a solid spray pattern.
- Hexagon body for easy installation eliminates distortion of orifice during installation.
- Available in Cast Iron, Stainless Steel and Gunmetal as standard.
- Threads are Female BSPT.
- Other materials to special order.

ORDER EXAMPLE

1 1/2" BY 52 Cast Iron.

DIMENSIONS AND WEIGHTS

Thread Size	Dimensions (mm)			Weight (Kg)
	A Hex	B	C	
1 1/4"	95	48	48	0,6
1 1/2"	108	56	54	0,7
2"	136	73	67	1,6
3"	200	98	98	5,9



Maximum Recommended Pressure:
14 Bar.G. (Metal) 7 Bar.G. (Plastic).

CAPACITY CHART

NOZZLE NUMBER	BSPT THREAD SIZE				FLOW RATE IN LITRES/MIN AT Bar.G.												SPRAY ANGLES (°) AT Bar.G.			
	1/4	1/2	2	3	0,2	0,35	0,7	1,0	1,5	2	3	4	5	6	7	,35	,7	1,5	6	
BY 23					38,3	49,4	64,0	75,4	90	103	117	138	147	160	173	108	112	112	75	
BY 28					46,4	59,5	78,2	91,5	108	118	145	163	179	192	206	100	108	105	75	
BY 35					58,9	75,9	101,1	115	133	137	179	206	225	258	274	102	105	112	70	
BY 37					62,9	80,5	106	125	146	166	199	216	252	274	294	116	116	120	70	
BY 42					69,6	89,2	119	138	164	187	218	248	275	302	323	110	115	120	75	
BY 47					76,3	98,8	133	154	184	210	254	292	319	348	373	107	110	110	70	
BY 52					86,6	110	146	170	203	227	277	318	353	-	-	112	117	120	-	
BY 66					105	137	188	219	259	294	355	401	-	-	-	100	105	103	-	
BY 73					116	149	204	240	286	325	390	452	-	-	-	110	120	130	-	
BY 78					125	161	220	256	306	347	420	-	-	-	-	110	120	120	-	
BY 89					141	183	247	291	344	403	486	-	-	-	-	115	110	110	-	
BY 96					152	197	270	313	375	441	515	-	-	-	-	105	105	110	-	
BY 156					272	353	489	625	720	-	-	-	-	-	-	110	112	112	-	
BY 198					344	446	613	795	919	-	-	-	-	-	-	105	110	105	-	
BY 224					370	480	654	902	1037	-	-	-	-	-	-	100	105	105	-	

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