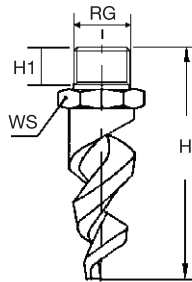


## FULL CONE NOZZLES

### E-X



#### SPIRAL NOZZLES/WIDE PASSAGE

E-X type nozzles feature the same design and advantages as the E-type nozzles. The resistance to clogging is enhanced by a longer spiral pitch and the spiral pitch length is typically equal to the inlet orifice diameter. Therefore any foreign particle entering the nozzle can also find a way out through the spiral opening.

Material list at the bottom of previous page.

120°	Code	RG inch	D mm	D1 mm	Capacity at different pressure values						lpm bar	Dimensions mm		
					0.7	1.0	2.0	3.0	5.0	7.0		10	H	H1
120°	ECW 2230 xx Xy	3/8	4.8	4.8	11.4	13.6	19.2	23.5	30.3	35.9	42.9	70	15	22
	ECW 2317 xx Xy		5.6	5.6	15.3	18.3	25.9	31.7	40.9	48.4	57.9			
	ECW 2410 xx Xy		6.4	6.4	20.0	24.0	33.9	41.5	53.6	63.4	75.8			
	ECW 2640 xx Xy		7.9	7.9	31.2	37.3	52.7	64.6	83.4	98.7	118			
	EDW 2940 xx Xy	1/2	9.5	9.5	45.6	54.5	77.1	94.4	122	144	172	86	18	27
	EDW 3128 xx Xy		11.1	11.1	61.8	73.9	105	128	165	196	234			
	EEW 3165 xx Xy	3/4	12.7	12.7	79.7	95.3	135	165	213	252	301	130	20	27
	EFW 3260 xx Xy	1	16.0	16.0	126	150	212	260	336	397	475	131	26	34
	EFW 3372 xx Xy		19.0	19.0	180	215	304	372	480	568	679			
	EHW 3507 xx Xy	1 1/2	22.2	22.2	245	293	414	507	655	774	926	171	27	50
	EHW 3663 xx Xy		25.4	25.4	320	383	541	663	856	1013	1210			
	EHW 3747 xx Xy		28.6	28.6	361	431	610	747	964	1141	1364			
	EKW 4109 xx Xy	2	35.0	35.0	527	629	890	1090	1407	1665	1990	279	32	65
	EKW 4139 xx Xy		38.1	38.1	671	803	1136	1391	1796	2125	2540			
	EMW 4204 xx Xy	3	44.5	44.5	985	1178	1666	2040	2634	3116	3725	267	32	90
	EMW 4265 xx Xy		51.0	51.0	1280	1530	2164	2650	3421	4048	4838			
EPW 4412 xx Xy	4	63.5	63.5	1990	2379	3364	4120	5318	6293	7522	293	36	127	

Pressure values and capacities shown here on the grey background are recommended for cast or machined metal nozzles only.

#### Coding

Extra wide passage spiral nozzles are often supplied in a special design, where the nozzle has no thread and it is assembled onto a nipple using a retaining nut. This design is the only one possible with Silicon Carbide nozzles, while it can be obtained as an option for nozzles cast in special alloys or stainless steel. To identify such nozzles please note the following coding:

#### EHW 3747 xx Xy

xx = Material code, see material table on the previous page

y = Connection code / B=Bspt male thread / N=NPT male thread / F= Locknut fitting



#### SILICON CARBIDE NOZZLES

We design and supply spiral nozzles made out several types of silicon carbide for applications where fluids containing abrasive solid particles must be sprayed and where long nozzle service life is required.

Please contact our offices for more detailed information.

#### Common Applications

Chemical processes  
Fire fighting  
Gas cooling  
Gas & smoke scrubbers