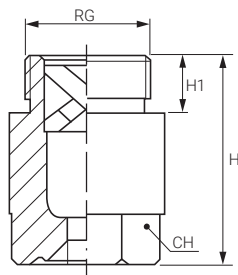


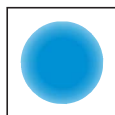
# D ( FULL CONE NOZZLES / STANDARD / LARGE CAPACITY )

## X-VANE / TWO-PIECE DESIGN / LARGE CAPACITY

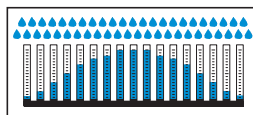


D series full cone nozzles with large capacity are widely used in industry. They provide uniform spray coverage and are available in various thread sizes, spray angles and capacities to comply with environmental requirements. Their X-vane offers the largest free passage available in a nozzle, for an easier handling of the suspended particles and a higher resistance to clogging. D nozzles provide an optimal mist effect and are effective in many industrial applications.

THREAD SPECIFICATION:  
BSPT, NPT (on request)



Spray section



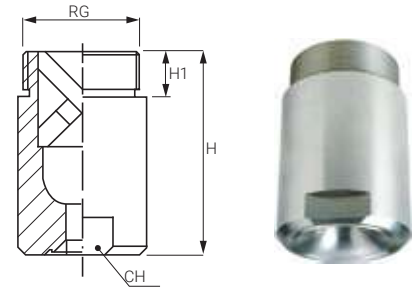
Convex distribution



60°	CODE	RG inch	D mm	D1 mm	Capacity at different pressure values							Dimensions mm		
					0.7	1.0	2.0	3.0	5.0	7.0	10	H	H1	CH
60°	DEQ 2235 xx	3/4"	4.8	3.5	11.4	13.6	19.2	23.5	30.3	35.9	42.9	43	16	27
	DEQ 2295 xx		5.5	4.5	14.2	17.0	24.1	29.5	38.1	45.1	53.9			
	DEQ 2370 xx		6.0	4.5	17.9	21.4	30.2	37.0	47.8	56.5	67.6			
	DEQ 2470 xx		7.0	4.5	22.7	27.1	38.4	47.0	60.7	71.8	85.8			
	DFQ 2470 xx	1"	7.0	5.6	22.7	27.1	38.4	47.0	60.7	71.8	85.8	58	18	36
	DFQ 2590 xx		7.8	5.6	28.5	34.1	48.2	59.0	76.2	90.1	108			
	DFQ 2740 xx		9.5	5.6	35.7	42.7	60.4	74.0	95.5	113	135			
	DGQ 2740 xx	1 1/4"	9.5	5.6	35.7	42.7	60.4	74.0	95.5	113	135	74	19	41
	DGQ 3118 xx		12.5	6.0	57.0	68.1	96.3	118	152	180	215			
	DGQ 3147 xx		16.7	6.0	71.0	84.9	120	147	190	225	268			
	DHQ 3147 xx	1 1/2"	13.0	9.0	71.0	84.9	120	147	190	225	268	85	19	50
	DKQ 3188 xx		15.0	9.0	90.8	109	154	188	243	287	343			
	DKQ 3235 xx	2"	16.0	11.0	114	136	192	235	303	359	429	106	24	60
	DKQ 3294 xx		17.0	11.1	142	170	240	294	380	449	537			
	DLQ 3370 xx	2 1/2"	17.5	11.1	179	214	302	370	478	565	676	128	27	75
	DLQ 3470 xx		23.0	11.1	227	271	384	470	607	718	858			
DMQ 3588 xx	3"	28.0	14.3	284	339	480	588	759	898	1074	153	30	85	
DNQ 3740 xx	3 1/2"	29.0	17.5	357	427	604	740	955	1130	1351	190	32	105	
DNQ 3940 xx		36.0	17.5	454	543	768	940	1214	1436	1716				
DPQ 4117 xx	4"	39.0	19.0	568	678	959	1175	1517	1795	2145	205	36	110	

90°	CODE	RG inch	D mm	D1 mm	Capacity at different pressure values							Dimensions mm		
					0.7	1.0	2.0	3.0	5.0	7.0	10	H	H1	CH
90°	DEU 2295 xx	3/4"	5.8	3.0	14.2	17.0	24.1	29.5	38.1	45.1	53.9	43	16	27
	DEU 2370 xx		6.4	4.5	17.9	21.4	30.2	37.0	47.8	56.5	67.6			
	DEU 2470 xx		8.0	4.5	22.7	27.1	38.4	47.0	60.7	71.8	85.8			
	DEU 2590 xx		9.7	4.5	28.5	34.1	48.2	59.0	76.2	90.1	108			
	DFU 2590 xx	1"	8.6	4.5	28.5	34.1	48.2	59.0	76.2	90.1	108	58	18	36
	DFU 2740 xx		9.3	5.0	35.7	42.7	60.4	74.0	95.5	113	135			
	DFU 2830 xx		9.9	6.0	40.3	48.2	68.2	83.5	108	128	152			
	DGU 3118 xx	1 1/4"	13.0	6.0	57.0	68.1	96.3	118	152	180	215	74	19	41
	DGU 3147 xx		16.0	6.0	71.0	84.9	120	147	190	225	268			
	DHU 3147 xx	1 1/2"	16.0	6.0	71.0	84.9	120	147	190	225	268	85	19	50
	DHU 3188 xx		14.5	9.0	90.8	109	154	188	243	287	343			
	DKU 3235 xx	2"	16.6	11.0	114	136	192	235	303	359	429	106	24	60
	DKU 3294 xx		18.0	11.0	142	170	240	294	380	449	537			
	DKU 3370 xx	2 1/2"	25.0	11.0	179	214	302	370	478	565	676	128	27	75
	DLU 3470 xx		27.0	11.1	227	271	384	470	607	718	858			
	DLU 3588 xx	3"	30.0	14.3	284	339	480	588	759	898	1074	153	30	85
	DMU 3740 xx	3"	30.0	17.5	357	427	604	740	955	1130	1351	153	30	85
	DMU 3870 xx		32.5	17.5	420	502	710	870	1123	1329	1588			
	DNU 3940 xx	3 1/2"	35.5	17.5	454	543	768	940	1214	1436	1716	190	32	105
	DNU 4117 xx		39.0	19.0	568	678	959	1175	1517	1795	2145			
DPU 4147 xx	4"	42.8	25.4	710	849	1200	1470	1898	2245	2684	205	36	110	

( FULL CONE NOZZLES / STANDARD / LARGE CAPACITY ) **D**



120°	CODE	RG inch	D mm	D1 mm	Capacity at different pressure values (l/min) (bar)							Dimensions mm		
					0.7	1.0	2.0	3.0	5.0	7.0	10	H	H1	CH
120°	<b>DE W 2295 xx</b>	3/4"	5.1	3.0	14.2	17.0	24.1	29.5	38.1	45.1	53.9	43	16	27
	<b>DE W 2370 xx</b>		6.5	3.5	17.9	21.4	30.2	37.0	47.8	56.5	67.6			
	<b>DE W 2470 xx</b>		8.5	4.5	22.7	27.1	38.4	47.0	60.7	71.8	85.8			
	<b>DE W 2590 xx</b>		9.2	4.5	28.5	34.1	48.2	59.0	76.2	90.1	108			
	<b>DF W 2590 xx</b>	1"	11.5	4.5	28.5	34.1	48.2	59.0	76.2	90.1	108	58	18	36
	<b>DF W 2740 xx</b>		12.0	4.5	35.7	42.7	60.4	74.0	95.5	113	135			
	<b>DF W 2830 xx</b>		13.0	5.6	40.3	48.2	68.2	83.5	108	128	152			
	<b>DGW 3118 xx</b>	1 1/4"	13.5	6.0	57.0	68.1	96.3	118	152	180	215	74	19	41
	<b>DGW 3147 xx</b>		17.0	6.0	71.0	84.9	120	147	190	225	268			
	<b>DHW 3118 xx</b>	1 1/2"	13.0	6.0	57.0	68.1	96.3	118	152	180	215	85	19	50
	<b>DH W 3188 xx</b>		20.0	9.0	90.8	109	154	188	243	287	343			
	<b>DK W 3235 xx</b>	2"	18.0	11.0	114	136	192	235	303	359	429	106	24	60
	<b>DK W 3294 xx</b>		19.0	11.0	142	170	240	294	380	449	537			
	<b>DK W 3370 xx</b>		21.3	11.0	179	214	302	370	478	565	676			
	<b>DL W 3470 xx</b>	2 1/2"	23.5	11.1	227	271	384	470	607	718	858	128	27	75
	<b>DL W 3588 xx</b>		26.5	14.3	284	339	480	588	759	898	1074			
	<b>DMW 3740 xx</b>	3"	29.5	17.5	357	427	604	740	955	1130	1351	153	30	85
	<b>DMW 3870 xx</b>		32.0	17.5	420	502	710	870	1123	1329	1588			
<b>DN W 3940 xx</b>	3 1/2"	33.5	17.5	454	543	768	940	1214	1436	1716	190	32	105	
<b>DN W 4117 xx</b>		37.0	19.0	568	678	959	1175	1517	1795	2145				
<b>DP W 4147 xx</b>	4"	42.0	25.4	710	849	1200	1470	1898	2245	2684	205	36	110	

THREAD SIZE CODE (RG)

DE	DF	DG	DH	DK	DL	DM	DN	DP
3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"

TYPICAL APPLICATIONS

*Washing:* food cleaning, parts cleaning, pre-treatment for coating process

*Cooling:* continuous casting cooling, product cooling, tank cooling

*Dust control:* dust suppression in mining and coal plants.

*Other applications:* spray of chemicals, leak test.

HOW TO MAKE UP THE NOZZLE CODE

Ex.: DEQ 2235 B1

