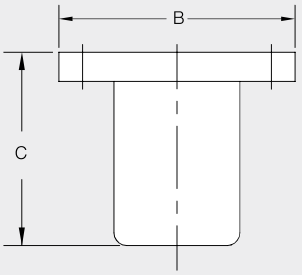
Axial-flow full cone nozzles
Series 485

Features:
- One piece design
- Generates large droplets and even droplets at a wide a wide range of operating pressures

Applications:
- High volume surface spraying
- Cooling and quenching
- Fire protection
- Chemical processing and scrubbers

Series 485



Inlet Flange Connection	Dimensions [in]		Weight [lb.]
	B	C	
4	9.00	6.13	19
5	10.00	8.38	42
6	11.00	10.56	54
8	13.47	12.25	98
10	16.00	17.00	140
12	19.00	20.00	200
16	23.50	22.00	330
18	25.00	28.75	450

Nozzle Inlet Flange Conn. (in)	Ordering no. Material number 17[1] 316 SS	Bore diameter [in]	Free Passage (In.)	V̇ water [gal/min] p [psi] 1	2	3	5	7	10	15	20	Liters per min. 2 bar	40	60	Spray Angle in degrees at 3 psi	7 psi	15 psi
4	485.646.17.04	2.25	1.19	108	143	168	207	236	273	321	360	**1581**	475	558	77	80	82
	485.656.17.04	2.50		126	167	196	241	276	318	374	420	**1844**	554	651	86	90	91
	485.666.17.04	2.75		152	201	236	290	332	382	450	505	**2218**	666	783	88	92	94
	485.676.17.04	3.00		169	223	263	323	369	426	501	562	**2468**	741	872	91	95	97
5	485.676.17.05	2.75	.68	169	223	263	323	369	426	501	562	**2468**	741	872	82	92	92
	485.686.17.05	2.84		181	239	282	346	395	456	536	602	**2644**	794	934	85	92	95
	485.696.17.05	2.95		193	255	299	367	420	485	570	640	**2811**	844	993	86	93	95
	485.706.17.05	3.15		214	282	332	407	466	537	632	709	**3114**	935	1100	88	94	98
	485.716.17.05	3.32		243	321	377	463	529	611	718	806	**3540**	1063	1250	84	90	94
	485.726.17.05	3.50		269	355	417	512	586	676	795	892	**3918**	1177	1384	86	92	97
6	485.716.17.06	3.25	.97	243	321	377	463	529	611	718	803	**3540**	1063	1250	80	86	90
	485.726.17.06	3.47		269	355	417	512	586	676	795	892	**3918**	1177	1384	82	88	94
	485.736.17.06	3.62		295	389	458	562	642	741	872	978	**4296**	1290	1518	83	89	95
	485.746.17.06	3.87		323	426	501	614	703	811	954	1070	**4700**	1412	1660	86	89	98
	485.756.17.06	4.12		369	488	573	703	805	928	1092	1225	**5381**	1616	1901	87	94	96
	485.766.17.06	4.62		400	527	620	761	870	1004	1181	1325	**5820**	1748	2056	88	94	98
8	485.736.17.08	3.5	1.31	311	410	482	591	677	780	918	1030	**4524**	1359	1598	63	70	70
	485.756.17.08	3.93		397	523	615	755	864	996	1172	1315	**5776**	1735	2040	80	87	90
	485.776.17.08	4.43		475	627	737	904	1035	1193	1404	1575	**6918**	2078	2444	90	100	102
	485.786.17.08	5.12		543	716	842	1034	1183	1364	1604	1800	**7906**	2375	2793	82	96	101
10	485.806.17.10	5.00	1.75	603	796	936	1149	1314	1516	1782	2000	**8785**	2639	3104	85	87	90
	485.826.17.10	5.56		739	975	1147	1407	1610	1857	2184	2450	**10762**	3233	3802	85	87	90
	485.836.17.10	6.00		884	1166	1372	1683	1925	2220	2611	2930	**12870**	3866	4547	85	87	90
12	485.846.17.12	6.21	2.06	941	1242	1461	1792	2050	2364	2781	3120	**13705**	4117	4842	85	87	90
	485.856.17.12	6.59		1044	1377	1620	1987	2273	2622	3084	3460	**15198**	4565	5369	85	87	90
	485.866.17.12	7.06		1207	1592	1873	2297	2628	3031	3565	4000	**17570**	5278	6207	85	87	90
	485.876.17.12	7.40		1321	1744	2051	2516	2878	3319	3904	4380	**19240**	5780	6797	85	87	90
16	485.896.17.16	8.00	2.75	1554	2050	2411	2958	2958	3384	4590	5150	**22622**	6796	7992	85	87	90
	485.916.17.16	9.25		1985	2620	3081	3779	4324	4987	5865	6580	**28904**	8683	10212	85	87	90
18	485.936.17.18	10.7	2.75	2598	3428	4031	4945	5658	6525	7674	8610	**37821**	11361	13362	85	87	90

* Nozzles are manufactured to spray performance, not orifice diameter