



**INTEGRATED FLANGE**



**SPECIFICATION**

Size	DN 10 - 500
Material	Body SS316L Head Epoxy Coated Aluminium Flange SS316L
Temperature	0-100c
Pressure	16 Bar / (40 Bar Opt)
Power Supply	220 VAC / 24VDC
Output	Pulse, 4-20mA HART, RS 485 (Modbus)
Protection Grade	IP 65
Connection	Flange PN 16/ PN 40/ ANSI 150
Accuracy	+/- 0.5%
Measurement Range	0.1-15 m/s
Repeatability	—
Explosion Proof	Exd IIBT4
ISO 9001 & ISO 4064	
Warranty 2 Years ( Full Service & Spare Parts)	
Electrode Material	SS 316/ Tungsten Carbide/ Hastelloy B/ Hastelloy C/ Titanium/ Tantalum/ Platinum Iridium
Lining Material	Polytetrafluoroethylene (PTFE)/ PFA/ F46/ Neoprene/ Polyurethane

**APPLICATION**

Conductive Water

Not Applicable For RO, Demin, Filtered Water



**TECHNICAL DATA**

SIZE (mm)	NOMINAL PRESSURE (Mpa)	FLOW RATE (m <sup>3</sup> /h)		DIMENSION (mm)				WEIGHT INTEGRATED (kg)	SIZE (mm)	NOMINAL PRESSURE (Mpa)	FLOW RATE (m <sup>3</sup> /h)		DIMENSION (mm)				WEIGHT INTEGRATED (kg)
		MIN FLOW 0.5 m/s	MAX FLOW 15 m/s	L	B	H					MIN FLOW 0.5 m/s	MAX FLOW 15 m/s	L	B	H		
DN 10	1.6	0.14	4.24	200	90	190	265	9.5	DN 450	1.6	286.27	8588.32	600	640	695	775	215
DN 15	1.6	0.31	9.54	200	95	190	265	10	DN 500	1.6	353.42	10602.87	600	715	750	830	245
DN 20	1.6	0.56	16.96	200	105	200	275	12	DN 600	1.6	508.93	15268.14	600	840	855	940	335
DN 25	1.6	0.88	26.50	200	110	210	285	14	DN 700	1.6	692.72	20781.63	700	910	970	1055	435
DN 32	1.6	1.44	43.42	200	110	220	310	15	DN 800	1.6	904.77	27143.36	800	1025	1090	1170	545
DN 40	1.6	2.26	67.85	200	150	230	320	16	DN 900	1.6	1145.11	34353.31	900	1125	1190	1270	655
DN 50	1.6	3.53	106.02	200	165	245	335	17	DN 1000	1.6	1413.71	42411.50	1000	1255	1290	1380	810
DN 65	1.6	5.97	179.18	200	185	265	355	25	DN 1200	1.0	2035.75	61072.56	1200	1455	1530	1610	875
DN 80	1.6	9.04	271.43	200	200	280	370	29	DN 1400	1.0	2770.88	83126.54	1400	1675	1740	1820	1235
DN 100	1.6	14.13	424.11	250	235	300	390	31	DN 1600	1.0	3617.11	108573.44	1600	1915	1950	2050	1555
DN 125	1.6	22.08	662.67	250		330	420		DN 1800	0.6	4580.44	137413.26	1800	2045	2170	2250	2085
DN 150	1.6	31.08	954.25	300	300	360	450	41	DN 2000	0.6	5654.88	169646	2000	2265	2380	2460	2610
DN 200	1.6	56.54	1696.46	350	340	420	505	45	DN 2200	0.6	6842	205217					
DN 250	1.6	88.35	2650.71	400	405	480	560	50	DN 2400	0.6	8143	244290					
DN 300	1.6	127.23	3817.03	500	460	530	610	60	DN 2600	0.6	9556	206701					
DN 350	1.6	173.18	5195.40	500	520	590	670	145	DN 2800	0.6	11083	332506					
DN 400	1.6	226.19	6785.84	600	580	645	725	180	DN 3000	0.6	12723	381703					