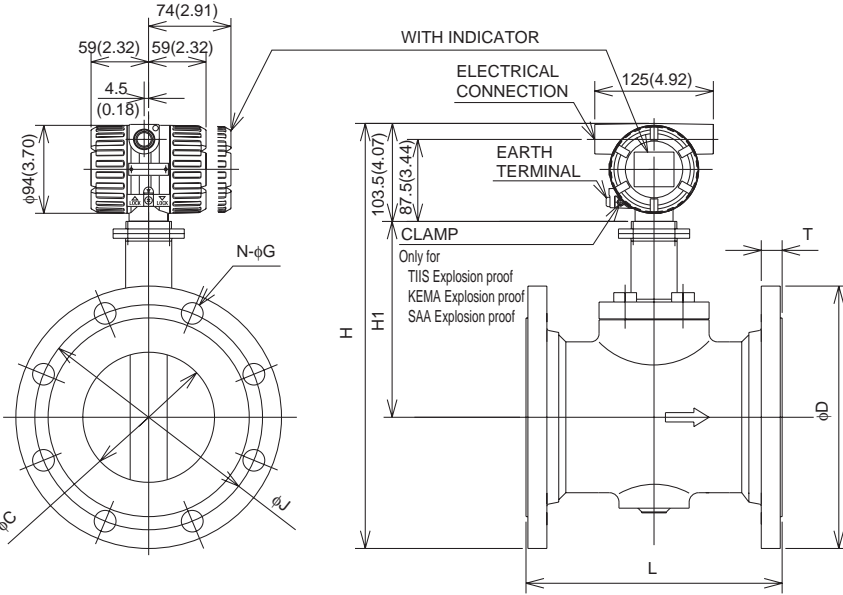


Drawings

Models DY150, DY200, DY250 and DY300 digitalYEWFLO (digitalYEWFLO) Digital Vortex Flowmeter (Integral / Remote and Flange type)



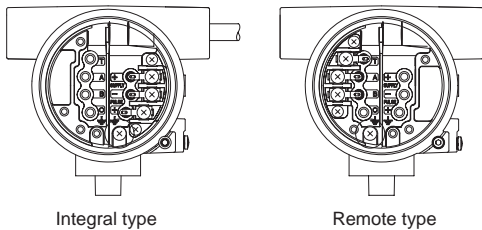
Unit: mm
(approx. inch)

TYPE	INTEGRAL/REMOTE																											
	DY150 (150mm, 6in)										DY200 (200mm, 8in)																	
CODE	DY150 (150mm, 6in)										DY200 (200mm, 8in)																	
PROCESS CONNECTION	BJ1	BJ2	BJ4	BA1 BS1	BA2 BS2	BA4 BS4	BA5 BS5	BD1 - BD2 - BD4	BD3	BD5	BD6	CA4	CA5	BJ1	BJ2	BA1 BS1	BA2 BS2	BA4 BS4	BA5 BS5	BD1	BD2	BD3	BD4	CA4	CA5			
L	270 (10.63)					310 (12.21)	336 (13.23)	270 (10.63)					325 (12.80)	340 (13.39)	310 (12.20)					370 (14.57)	386 (15.20)	310 (12.20)					375 (14.76)	390 (15.35)
C	138.8 (5.46)										185.6 (7.31)																	
D	280 (11.02)	305 (12.01)	365 (13.98)	279.4 (11.00)	317.5 (12.50)	356 (14.02)	381 (15.00)	285 (11.22)	300 (11.81)	345 (13.58)	365 (14.37)	381 (15.00)	330 (12.99)	360 (14.17)	342.9 (13.50)	381 (15.00)	419.1 (16.50)	469.9 (18.50)	340 (13.39)	340 (13.39)	360 (14.17)	375 (14.76)	419.1 (16.50)	469.9 (18.50)				
H	453 (17.83)	465 (18.31)	490 (19.29)	452 (17.80)	471 (18.54)	491 (19.33)	503 (19.80)	455 (17.91)	463 (18.23)	485 (19.09)	490 (19.29)	491 (19.33)	503 (20.08)	510 (20.47)	520 (20.31)	516 (21.06)	535 (21.81)	554 (22.80)	579 (22.80)	515 (20.28)	515 (20.28)	525 (20.67)	532 (20.94)	554 (21.81)	579 (22.80)			
H1	209 (8.23)										241 (9.49)																	
T	22 (0.87)	28 (1.10)	44 (1.73)	25.4 (1.00)	36.6 (1.44)	54.4 (2.14)	62 (2.44)	22 (0.87)	28 (1.10)	36 (1.42)	44 (1.73)	55.7 (2.19)	63.6 (2.50)	22 (0.87)	30 (1.18)	28.4 (1.12)	41.1 (1.62)	62 (2.44)	69.9 (2.75)	24 (0.95)	24 (0.95)	30 (1.18)	34 (1.34)	63.6 (2.50)	71.4 (2.81)			
J	240 (9.45)	260 (10.24)	295 (11.61)	241.3 (9.50)	289.7 (11.40)	292 (11.50)	317.5 (12.50)	240 (9.45)	250 (9.84)	280 (11.02)	290 (11.42)	292 (11.50)	317.5 (12.50)	290 (11.42)	305 (12.01)	298.5 (11.75)	330.2 (13.00)	349.3 (13.75)	393.7 (15.50)	295 (11.61)	295 (11.61)	310 (12.20)	320 (12.60)	349.3 (13.75)	393.7 (15.50)			
N	8 (0.31)	12 (0.47)	12 (0.47)	8 (0.31)	12 (0.47)	12 (0.47)	12 (0.47)	8 (0.31)	8 (0.31)	8 (0.31)	12 (0.47)	12 (0.47)	12 (0.47)	12 (0.47)	8 (0.31)	12 (0.47)	12 (0.47)	12 (0.47)	8 (0.31)	12 (0.47)	12 (0.47)	12 (0.47)	12 (0.47)	12 (0.47)	12 (0.47)			
G	23 (0.91)	25 (0.98)	33 (1.30)	22.4 (0.88)	22.4 (0.88)	28.4 (1.12)	31.8 (1.25)	22 (0.87)	26 (1.02)	33 (1.30)	33 (1.30)	28.4 (1.12)	31.8 (1.25)	23 (0.91)	25 (0.98)	22.4 (0.88)	25.4 (1.00)	31.8 (1.25)	38.1 (1.50)	22 (0.87)	22 (0.87)	26 (1.02)	30 (1.18)	31.8 (1.25)	38.1 (1.50)			
WEIGHT	kg	33.4	43.4	76.4	36.4	54.4	84.4	106	33.4	42.9	58.1	76.4	90	107	45.4	52.4	55.4	80.4	136	182	46.3	46.3	53.6	55.9	139	183		
	lb	73.65	95.70	168.46	80.26	119.95	186.10	233.73	73.65	94.58	128.11	168.46	198.45	235.94	100.11	115.54	122.16	177.28	299.88	401.31	102.09	102.09	118.19	123.26	306.52	403.52		

TYPE	INTEGRAL/REMOTE								
	DY250 (250mm, 10in)			DY300 (300mm, 12in)					
CODE	DY250 (250mm, 10in)			DY300 (300mm, 12in)					
PROCESS CONNECTION	BJ1	BJ2	BA1 BS1	BA2 BS2	BA1 BS1	BA2 BS2			
L	370 (14.57)			400 (15.75)					
C	230.8 (9.09)			276.2 (10.87)					
D	400 (15.75)	430 (16.93)	406.4 (16.00)	444.5 (17.50)	445 (17.52)	480 (18.90)	520.7 (20.50)		
H	581 (22.87)	596 (23.46)	584 (22.99)	603 (23.74)	633 (24.92)	651 (25.63)	652 (25.67)	671 (26.42)	
H1	277 (10.91)			307 (12.09)					
T	24 (0.94)	34 (1.34)	30.2 (1.19)	47.8 (1.88)	24 (0.94)	36 (1.42)	31.8 (1.25)	50.8 (2.00)	
J	365 (13.98)	390 (14.96)	362 (14.25)	387.4 (15.25)	400 (15.75)	430 (16.93)	431.8 (17.00)	450.9 (17.75)	
N	12 (0.47)	12 (0.47)	12 (0.47)	16 (0.63)	16 (0.63)	16 (0.63)	12 (0.47)	16 (0.63)	
G	25 (0.98)	27 (1.06)	25.4 (1.00)	28.5 (1.12)	25 (0.98)	27 (1.06)	25.4 (1.00)	31.8 (1.25)	
WEIGHT	kg	78	100	90	125	100	128	140	178
	lb	171.99	220.50	198.45	275.63	220.50	282.24	308.70	392.49

(Note 1) Integral weight is the same as Remote
(Note 2) In case of with indicator, add 0.2kg
(Note 3) The flow direction is opposite (right to left when facing onto indicator) in case of code / CRC.

Terminal Wiring



Integral Type (BRAIN or HART protocol)	SUPPLY +	Power Supply and 4 to 20mA DC Output Terminal
	PULSE +	
Integral Type (Foundation Fieldbus)	SUPPLY +	Fieldbus Communication Terminal
	SUPPLY -	
Remote Type Detector	T	Built-in Temperature Sensor Terminal
	A	Signal Output Terminal
	B	
	C	Common Terminal
	⊥	Ground Terminal

* Use DYC signal cable for remote type
* T is used for /MV only.