

CHAMBER FOR LEVEL TRANSMITTERS CHA SERIES

Chamber for external mounting on process of transmitters, type Guided Wave Radar (TRD) or Torque Tube.

TECHNICAL DATA

- Body in carbon steel or in stainless steel (other materials on request).
- Construction with Socket Welding (SW) or Welding Neck (WN) welds.
- Process connections flanged (ANSI / UNI / DIN), threaded (NPT / GAS) or welding type (SW / BW).
- External side mounting, with flanges orientation Side-Side or Side-Bottom.
- Design according to the regulations for pipelines ASME VIII Div. 1
- Body Rating from ANSI 150# to ANSI 2500#
- Standard body diameter: 2" (DN50); 3" (DN80); 4" (DN100)
- Standard process connections: 1" (DN25); 1.1/2" (DN40); 2" (DN50).
- Construction in accordance with PED 97/23/CE Directive
- Custom design on request.

ACCESSORIES ON REQUEST

- Drain and vent connections.
- Screws and gasket for flange coupling of the transmitter (Also available in a special version with insulation).
- Special paint finish in accordance with customer specifications.
- Materials in accordance with NACE MR01-75 / MR01-03 / ISO 15156.
- RTJ Flanges.
- Sight glass on the body.



DIMENSIONS TABLE

	Fig.	A	B	C	D	E	F	G	H	I
CHA 50SW										
Side / Side	1A/1B	2"	200	200	60	145	145	145	145	Range
Side / Bottom	2A/2B	2"	200		60	145	145	145	145	Range
CHA 80SW										
Side / Side	1A/1B	3"	200	200	89	145	82	145	82	Range
Side / Bottom	2A/2B	3"	200		89	145	82	145	82	Range
CHA 100SW										
Side / Side	1A/1B	4"	200	200	114	145	82	145	82	Range
Side / Bottom	2A/2B	4"	200		114	145	82	145	82	Range

Note: The values shown here refer to connections by 1 "

DIMENSIONS TABLE

	Fig.	A	B	C	D	E	F	G	H	I
CHA 50WN										
Side / Side	1A/1B	2"	200	200	60	145	145	145	145	Range
Side / Bottom	2A/2B	2"	200		60	145	145	145	145	Range
CHA 80WN										
Side / Side	1A/1B	3"	200	200	89	172	75	172	75	Range
Side / Bottom	2A/2B	3"	200		89	172	75	172	75	Range
CHA 100WN										
Side / Side	1A/1B	4"	200	200	114	172	88	172	88	Range
Side / Bottom	2A/2B	4"	200		114	172	88	172	88	Range

Note: The values shown here refer to connections by 1 "

TEST AND INSPECTION

- Hydrostatic pressure test (standard)
- Penetrant Liquid on welds / Magnetic Particle (option)
- X Ray (option – only for WN chambers)
- PMI - Positive Material Identification (option)

CERTIFICATES

- Materials Compliance Certificate (standard)
- Materials Certificate 3.1 (option)
- PED Declaration (standard for CEE destination)

HOW TO ORDER:

Example: CHA80SW -150 - A - LL - 25 - A - 1000 - XX

CHA80SW	model									
150 (16)	body rating ANSI 150 #	(NP16)								
300 (40)	body rating ANSI 300 #	(NP40)								
600 (100)	body rating ANSI 600 #	(NP100)								
900 (160)	body rating ANSI 900 #	(NP160)								
1500 (250)	body rating ANSI 1500 #	(NP250)								
2500 (400)	body rating ANSI 2500 #	(NP400)								
A	body in carbon steel									
LF2	body in ASTM A333 gr.6 (LF2)									
J	body in AISI 316									
LL	side / side connections									
LF	side / bottom connections									
25	connections size dn 25 o 1"									
40	connections size dn 40 o 1.1/2"									
50	connections size dn 50 o 2"									
A	flanged connections ANSI type									
U	flanged connections UNI type									
D	flanged connections DIN type									
N	threaded connections NPT F type									
G	threaded connections GAS F type									
SW	connections "socket welding" type									
BW	connections "butt welding" type									
1000	connections distance – "C to C" (in mm)									
XX	speciality to be described separately (i.e. with sight glass on the body)									