



شرکت دانش بنیان مه راد صنعت خلاق (رادکو)

Pipeline Repair Products

High Pressure & High Temperature
Offshore & Onshore Pipeline

MahRad Sanat Khallagh co (RADCO), Ltd

Main Office:

Science and Technology Park

Qazvin, Iran

P.O.BOX 3471991831

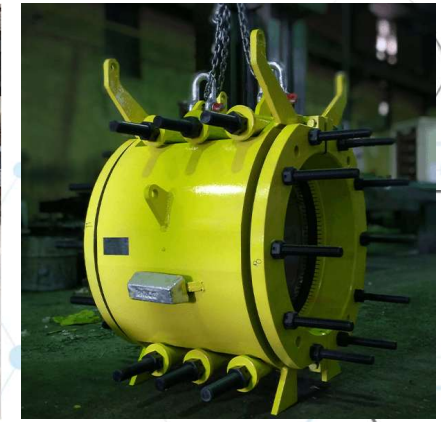
Manufacturing Workshop:

Caspian Industrial Estate

Qazvin, Iran

P.O.BOX 3445183141

EPRS Brochure



Pipeline Repair Products

PRODUCT DETAIL

RADCO

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MATERIAL SPECIFICATIONS:

ASTM A106, ASTM A516, ASTM A216

ASTM A105, ASTM A694 FORGING, AISI 4140

Elastomer Seals: HNBR, Viton or Buna-N

Studs & Nuts: ASTM A193 Gr. B7, A194 Gr. 2HM heavy hex nuts

Coating: Epoxy / Col Tar Epoxy/ Mastic Epoxy/ Glass Flake Epoxy

DESIGN PARAMETERS:

Nominal Pipe Size (NPS): any API Specification 5L pipe and wall thickness

Service: Standard (i.e. crude oil, natural gas, hydrocarbons, water, chemical, etc.)

Design Pressure Rating: up to ANSI Class 2500

Hydrostatic Test Pressure : 1.2-1.5 times Design Pressure Rating

Design Life: 25 years

APPLICABLE DESIGN CODES & STANDARDS:

ASME Section VIII, Division 1 and 2

ASME B31.4, ASME B31.8

ASME B18.2.1,

API SPEC 5L,

ASME PCC-2,

DNV-OS-F101, DNVGL-RP-F113,

API SPEC 6H,

NACE MR0175, ISO 15156.

CERTIFICATIONS:

IPICB Oil & Gas Type Approval Certificate

ISO 9001:2015– Accredited by BRSM Quality Management

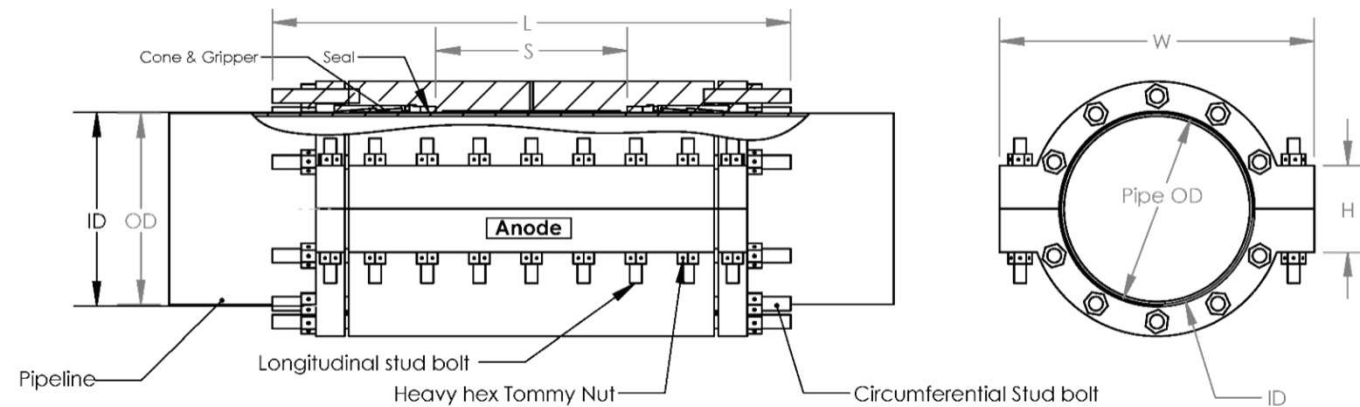


Smart Clamp General Dimension

RADCO

Brochure

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Pipeline Nominal Size (in)

4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48	56
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ANSI Rating

150	300	600	900	1500	2500
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ITEM	DESCRIPTION	DATA	ITEM	DESCRIPTION	DATA
1	Nominal PIPE Size (NPS)	30 in	4	Pipe Ovality tolerance	2%
2	Design Pressure Rating	300	5	Sacrificial Anode	YES
3	Clamp Active Length (S)	350 mm	6	Qty.	TBD
DIMENSION					
7	L	1450 mm	14	W	TBD
8	S	350 mm	15	H	380 mm
9	φID	770 mm	16	Num. of long. Bolts	14
10	φOD	762 mm	17	Num. of Cir. Bolts	10
11	Test/injection Port	1/2" NPT			
12	Hinge Assembly	YES			
13	Lifting Lug	YES			

Table shows details for 30in smart Clamp # 300, indicative only. Data may change as client specification.

Product details for any sizes and ANSI ratings will be issued upon client request.