

RWA API Insert Pumps

RWAC and RWAM standard sucker rod pumps

APPLICATIONS

- Sandy wells
- Low fluid-level gassy or foamy wells
- Shallow- to moderate-depth wells

BENEFITS

- Eliminates stuck pump
- Allows full submersion in fluid
- Highest-volume insert pump

FEATURES

- Thin-walled barrel
- Top anchor hold-down
- Universally accepted design

Suitable for shallow to moderate depths, Don-Nan RWA API insert pumps are thin-walled, stationary barrel, top anchor pumps recognized by API as a standard design. Because the pump barrel is threaded on the inside, there are fewer connections required, thereby reducing service costs.

The top hold-down anchor requires that fluid be discharged from the pump just above the seating nipple, which prevents sand or other solid material from accumulating and causing the pump to become stuck. Seating options include mechanical or cup types suitable for high temperatures and mechanical types to simplify well maintenance. A mechanical hold-down does not require repair unless major damage has occurred, whereas cups should be replaced every time the pump is unset. Both hold-down types follow the same procedure of setting by placing the weight of the sucker rods down on the pump and unsetting by lifting them up.

Metallurgy and component coatings can be adapted to well conditions to maximize pump life.

Enhance operational flexibility and extend the life of your rod lift system

Don-Nan offers a range of tools and specialty products engineered to address common problems such as rodstring wear and damage due to gas interference, erosion, or insufficient fluid levels. These products provide greater flexibility during operations and can extend the life of the rod lift system.

Sand specialty products

- Direct solids away from the pump barrel, maintain downhole pump integrity, and extend run life with the sand diverter.

PumpTrak™ system

- Continuously improve operations with the PumpTrak web-based pump service tracking system, which serves as a repository of detailed service information including service history, installation and pull date, days in use, and failure and cost analysis.
- Track why and how a failure occurred with insights into well properties and actively address its existing challenges by replacing the pump with a fit-for-purpose solution.
- Easily export reports to Excel®, view high-resolution photographs and cost information in real time, review supply and tubing anchor tickets, and download dynamometer and fluid level reports.



RWAC API
Insert Pump

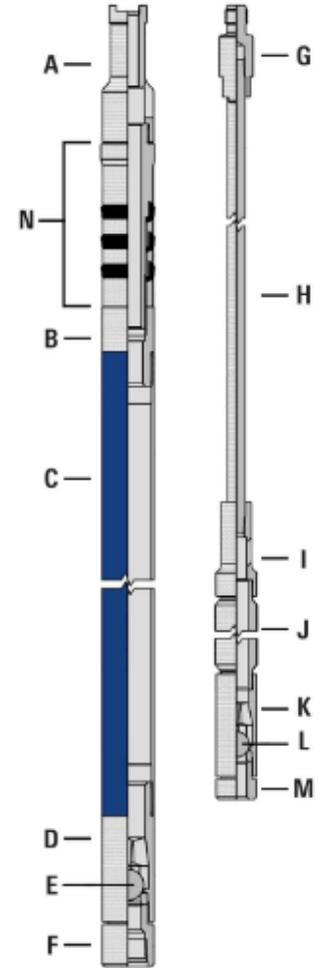
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Stationary Thin-Wall Barrel, Top-Anchor, Cup-Type Hold-Down						
Tubing x Pump Bore Size, in						
Description	Item	Req.	2 ³ / ₈ x 1 ¹ / ₄	2 ³ / ₈ x 1 ¹ / ₂	2 ⁷ / ₈ x 2	3 ¹ / ₂ x 2 ¹ / ₂
Stationary Assembly						
Guide, valve rod	A		GR211	GR211	GR321	GR4310
Bushing, hold-down adapter	B		BH002	BH102	BH212	BH322
Barrel, thin wall	C		BT0316C	BT0516C	BT1216C	BT1616C
Cage, closed barrel	D	1	CF48	CF42	CF62	CF82
Valve, ball and seat	E		047 + 04	047 + 04	049 + 06	051 + 07
Bushing, seat, barrel cage	F		BS2-3	BS2-3	BS3-4	BS4-5
Traveling Assembly						
Bushing, valve rod	G		BR1-1-D	BR1-1-D	BR2-1-D	BR3-1-D
Rod, valve	H		VR1-149	VR1-149	VR2-149	VR3-149
Coupling, plunger adapter	I		PA21	PA310	PA52	PA73
Plunger	J	1	P214-3	P314-3	P614-3	P814-3
Cage, closed plunger	K		CF21	CF31	CF51	CF71
Valve, ball and seat	L		043 + 02	045 + 03	048 + 05	051 + 07
Plug, seat	M		PS21	PS31	PS51	PS71
Seating Assembly						
API, 3-cup*	N	1	HM41	HM41	HM51	HM61

Barrel, barrel extensions, plunger, and valve rod must all be specified in length.
 All components may be specified by material and coating type.
 *API mechanical type seating assembly also available



BUILT TO LAST

Made to Perform

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LUFKIN Don-Nan is an API 11AX certified manufacturer for
 25 continuous years and counting.

Ref: 09042022

lufkin.com/donnan