

TECHNICAL SPECIFICATION SHEET

DOUBLE DISPLACEMENT PUMP

Pump Description

Black Gold Pump & Supply's Double Displacement Pump is an ideal solution for applications where pump bore sizes are limited by the casing's diameter and/or pumping unit. This pump features an innovative design that allows up to 30% of additional fluid to be produced on the downstroke while maintaining the same pump loading. Because of this, the Double Displacement pump enable producers to increase production without having to upsizing pump bore or pumping unit.

Features & Benefits

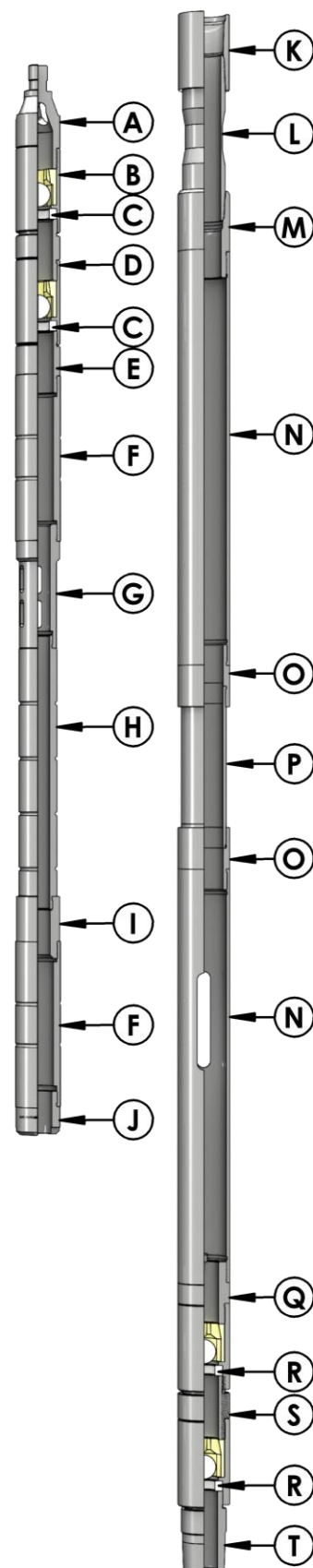
Increase production by up to 30%	Grooved & Machined-end plungers
Does not increase rod / structural loading	Full-open high-efficiency cages
Available in both Insert & Tubing style	Double-Valved to extend pump's life
Impact Resistant (IR) cages available	Special and Alternative balls available
Nickel-plated components for high corrosion resistance	Various ball material available (S.S., Silicon Nitride, Titanium, Tungsten Carbide)

Pump Specification

Pump Sizes (inch)	2.75, 3.25, 3.75 <i>Other sizes available upon request</i>
Tubing Sizes (inch)	2.875, 3.50, 4.50
Maximum stroke length (inch)	Up to 336

Bill of Materials

Item	Qty	Description	Item	Qty	Description
A	1	Cage, Top Open Sand Flow	K	1	Coupling, Tubing
B	1	Cage, Closed Plunger	L	1	Extension, Nipple Upper
C	2	Ball & Seat (Traveling)	M	1	Connector, Barrel 8RD
D	1	Cage, Double Valve (Travel.)	N	2	Barrel, Large
E	1	Adapter, Plunger	O	2	Connector, Barrel Custom
F	2	Plunger, Box End	P	1	Barrel, Small
G	1	Connector, Plunger w/ Slots	Q	1	Cage, Closed Barrel
H	1	Plunger, Pin End	R	2	Ball & Seat (Standing)
I	1	Connector, Plunger	S	1	Cage, Double Valve (Standing)
J	1	Bushing, Clutch Plunger	T	1	Bushing, Seat Retainer



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Leaders & Innovators of Rod Pumping Technology

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