

TECHNICAL SPECIFICATION SHEET

GAS BOOSTER PUMP

Pump Description

Black Gold Pump & Supply's Gas Booster Pump is the most effective solution for gassy well application. The pump is designed to mitigate gas interference and gas locking by allowing gas to break out within the pump into a special vacuum compression chamber on every upstroke and gets moved out of the pump on every downstroke.

Features & Benefits

Designed to mitigate gas interference & gas locking	Silicon Nitride balls
Highly effective in moving gas through pump	Full open high efficiency cages
Increases pumping efficiencies for gas wells	Machined shoulder grooved plunger
Able to tolerate moderate amount of solids & fines	24" strainer nipple
Double valved on both standing & travelling	Sand shield

Pump Specification

Pump Sizes (inch)	1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00, 3.25, 3.75
Tubing Sizes (inch)	2.375, 2.785, 3.50, 4.50
Maximum stroke length (inch)	Up to 336

Bill of Materials

Item	Qty	Description	Item	Qty	Description
1	1	Sand Shield Assembly	13	1	Seating Cup Bottom Bushing
2	1	Extension, Barrel	14	1	Nipple, Strainer
3	1	Barrel section 1, Chrome Plated	15	1	Cage, Top Open
4	1	Connector, Barrel	16	1	Adapter, Gas BSTR x PLGR Clutch
5	1	Barrel section 2, Chrome Plated	17	1	Plunger, Grooved PE
6	1	Cage, Full Open	18	1	Cage, Full Open
7	3	Ball & Seat (Silicon Nitride v Tungsten Carbide)	19	1	Ball & Seat (Silicon Nitride v Tungsten Carbide)
8	1	Cage, Full Open, Double Valve	20	1	Adapter, Slotted
9	1	Seating Mandrel	21	2	Cage, Full Open, Double Valve
10	3	Seating Cup, Nylon	22	1	Ball & Seat (Silicon Nitride v Tungsten Carbide)
11	2	Seating Cup Ring, Type HR	23	1	Plunger, Grooved PE (End Cut & Bevelled)
12	1	Seating Cup Nut, Type HR			

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Leaders & Innovators of Rod Pumping Technology

