BLACK GOLD PUMP & SUPPLY, INC.

PUMP CATALOG

www.blackgoldpump.com

API

PUMPS

API SPECIFICATION 11AX GIVES A STANDARD PUMP DESIGN. EACH PUMP IS DESIGNED TO HAVE A TRAVELING (DYNAMIC) AND STANDING (STATIC) VALVE CAGE THAT ALLOWS THE FLUID TO BE DRAWN FROM THE RESERVOIR AND PRODUCED TO SURFACE. ON THE DOWN STROKE, THE PRESSURE INSIDE THE PUMP KEEPS THE STANDING VALVE CLOSED WHILE THE TRAVELING VALVE OPENS. THIS STAGE TRANSFERS THE FLUID INSIDE THE PUMP TO ABOVE THE PLUNGER. ON THE UPSTROKE, THE WEIGHT OF THE FLUID ABOVE THE PUMP KEEPS THE TRAVELING VALVE CLOSED WHILE CREATING SUCTION INSIDE THE PUMP THAT ALLOWS THE STANDING VALVE TO OPEN. THIS DRAWS FLUID FROM THE RESERVOIR AND INTO THE PUMP WHILE THE FLUID ABOVE THE PLUNGER IS DISPLACED TO THE SURFACE. A SEAL, CALLED A MECHANICAL OR CUP TYPE HOLD DOWN, IS SEATED INTO THE TUBING WHICH KEEPS THE FLUID INSIDE THE TUBING AND THE RESERVOIR SEPARATE.

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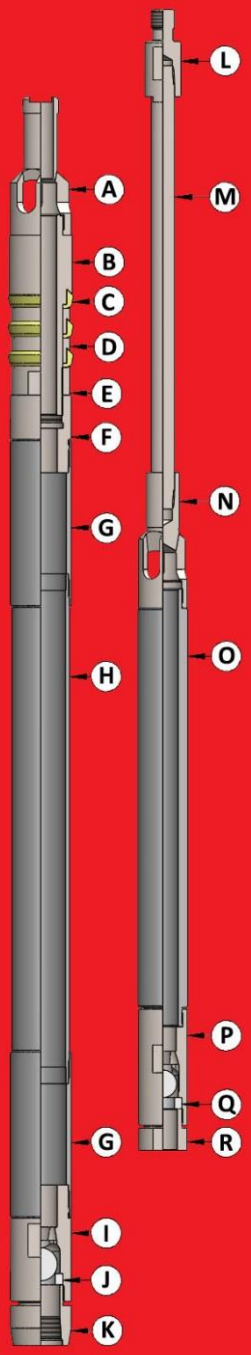
PUMP & SUPPLY, INC.



API - RHAC

Rod, Stationary Heavy Wall Barrel, Top Anchor Pump

Item	API Ref.	Description / API Designation	Qty.	Standard Pump Size			
				2-3/8 x 1-1/4	2-7/8 x 1-1/2	2-7/8 x 1-3/4	3-1/2 x 2-1/4
				Pump API Designation			
				20-125-RHAC	25-150-RHAC	25-175-RHAC	30-225-RHAC
				Part Numbers			
Barrel Assembly							
A	G11	Guide, Rod Valve	1	301012406	301012708	301012708	301013011
B	S11	Seating Mandrel, Cup (Type HR)	1	454016300	454016800	454016800	454017300
C	S12	Seating Cup (Type HR)	3	273452186	273452686	273452686	273452986
D	S13	Seating Cup Ring (Type HR)	2	578016300	578016800	578016800	578017300
E	S14	Seating Cup Nut (Type HR)	1	483016300	483016800	483016800	483017300
F	S15	Seating Cup Bushing (Type HR)	1	178016300	178016800	178016800	178017300
G	C31	Coupling, Extension	2	2910114**YY**	2910118**YY**	2910121**YY**	2910126**YY**
H	B12	Barrel, Heavy Wall	1	1321814**XX**	1321818**XX**	1321821**XX**	1321826**XX**
I	C14	Cage, Closed Barrel	1	204032100	204032600	204032600	204032900
J	V11	Valve, Ball (Standing)	1	12112	12116	12116	12120
J	V11	Valve, Seat (Standing)	1	623162100	623162600	623162600	623162900
K	B22	Bushing, Barrel Cage	1	174012443	174012744	174012744	174013045
Plunger Assembly							
L	B21	Bushing, Valve Rod	1	178012452	178012752	178012752	178013053
M	R11	Rod, Valve	1	617010620	617010820	617010820	617011120
N	C12	Cage, Top Plunger	1	202011406	202011808	202012108	202012611
O	P21	Plunger, One Piece	1	5511714**XX**	5511718**XX**	5515221**XX**	5515226**XX**
P	C13	Cage, Closed Plunger	1	205031400	205031800	205032100	205033200
Q	V11	Valve, Ball (Traveling)	1	12107	12109	12112	12116
Q	V11	Valve, Seat (Traveling)	1	623161400	623161800	623162100	623162600
R	P12	Plug, Seat	1	543011400	543011800	543012100	543012600

XX-Signifies length in feet. Example: 34 = 34 ft.; 18= 18ft.
YY-Signifies length in inches. Example: 24 = 24in.; 06= 6in.

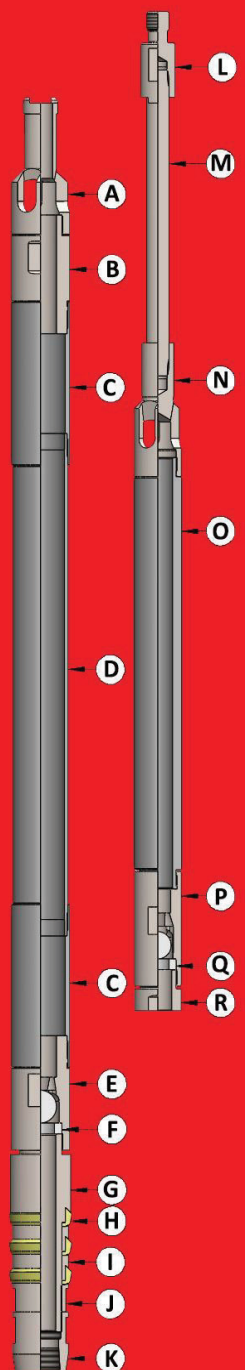
*API mechanical hold downs available to replace cup hold downs

BLACK GOLD
PUMP & SUPPLY, INC.

API - RHBC

Rod, Stationary Heavy Wall Barrel, Bottom Anchor Pump

Item	API Ref.	Description / API Designation	Qty.	Standard Pump Size			
				2-3/8 x 1-1/4	2-7/8 x 1-1/2	2-7/8 x 1-3/4	3-1/2 x 2-1/4
				Pump API Designation			
				20-125-RHBC	25-150-RHBC	25-175-RHBC	30-225-RHBC
				Part Numbers			
Barrel Assembly							
A	G11	Guide, Rod Valve	1	301012406	301012708	301012708	301013011
B	C21	Connector, Upper Barrel	1	231012400	231012700	231012700	231013500
C	C31	Coupling, Extension	2	2910114**YY**	2910118**YY**	2910121**YY**	2910126**YY**
D	B12	Barrel, Heavy Wall	1	1321814**XX**	1321818**XX**	1321821**XX**	1321826**XX**
E	C14	Cage, Closed Barrel	1	204032100	204032600	204032600	204032900
F	V11	Valve, Ball (Standing)	1	12112	12116	12116	12120
F	V11	Valve, Seat (Standing)	1	623162100	623162600	623162600	623162900
G	S11	Seating Mandrel, Cup (Type HR)	1	454016300	454016800	454016800	454017300
H	S12	Seating Cup (Type HR)	3	273452284	273452686	273452686	273452986
I	S13	Seating Cup Ring (Type HR)	2	578016300	578016800	578016800	578017300
J	S14	Seating Cup Nut (Type HR)	1	483016300	483016800	483016800	483017300
K	S16	Seating Cup Coupling	1	254016300	254016800	254016800	254017300
Plunger Assembly							
L	B21	Bushing, Valve Rod	1	178012452	178012752	178012752	178013053
M	R11	Rod, Valve	1	617010620	617010820	617010820	617011120
N	C12	Cage, Top Plunger	1	202011406	202011808	202012108	202012611
O	P21	Plunger, One Piece	1	5511714**XX**	5511718**XX**	5515221**XX**	5515226**XX**
P	C13	Cage, Closed Plunger	1	205031400	205031800	205032100	205033200
Q	V11	Valve, Ball (Traveling)	1	12107	12109	12112	12116
Q	V11	Valve, Seat (Traveling)	1	623161400	623161800	623162100	623162600
R	P12	Plug, Seat	1	543011400	543011800	543012100	543012600



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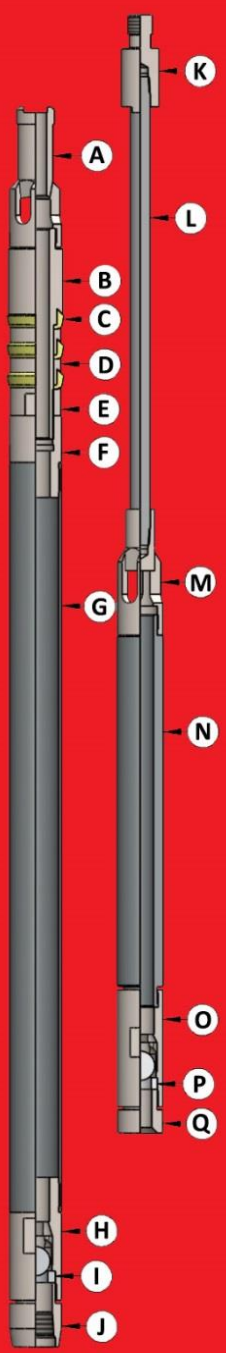
*API mechanical hold downs available to replace cup hold downs

BLACK GOLD
PUMP & SUPPLY, INC.

API - RWAC

Rod, Stationary Thin Wall Barrel, Top Anchor Pump



Item	API Ref.	Description / API Designation	Qty.	Standard Pump Size			
				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
				Pump API Designation			
				20-125-RWAC	20-150-RWAC	25-200-RWAC	30-250-RWAC
				Part Numbers			
Barrel Assembly							
A	G11	Guide, Rod Valve	1	301012406	301012408	301012708	301013011
B	S11	Seating Mandrel, Cup (Type HR)	1	454016300	454016300	454016800	454017300
C	S12	Seating Cup (Type HR)	3	273452284	273452186	273452686	273452986
D	S13	Seating Cup Ring (Type HR)	2	578016300	578016300	578016800	578017300
E	S14	Seating Cup Nut (Type HR)	1	483016300	483016300	483016800	483017300
F	S15	Seating Cup Bushing (Type HR)	1	178016301	178016300	178016800	178017300
G	B11	Barrel, Thin Wall	1	1321814**XX**	1311818**XX**	1311824**XX**	1311827**XX**
H	C14	Cage, Closed Barrel	1	204032100	204032100	204032600	204032900
I	V11	Valve, Ball (Standing)	1	12112	12112	12116	12120
I	V11	Valve, Seat (Standing)	1	623162100	623162100	623162600	623162900
J	B22	Bushing, Barrel Cage	1	174012443	174012443	174012744	174013045
Plunger Assembly							
K	B21	Bushing, Valve Rod	1	178012452	178012752	178012752	178013053
L	R11	Rod, Valve	1	617010620	617010820	617010820	617011120
M	C12	Cage, Top Plunger	1	202011406	202011808	202012408	202022711
N	P21	Plunger, One Piece	1	5511714**XX**	5511718**XX**	5515224**XX**	5515227**XX**
O	C13	Cage, Closed Plunger	1	205031400	205031800	205032400	205032700
P	V11	Valve, Ball (Traveling)	1	12107	12109	12114	12120
P	V11	Valve, Seat (Traveling)	1	623161400	623161800	623162400	623162900
Q	P12	Plug, Seat	1	543011400	543011800	543012400	543012700

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BLACK GOLD
PUMP & SUPPLY, INC.

API - RWBC

Rod, Stationary Thin Wall Barrel, Bottom Anchor Pump

Item	API Ref.	Description / API Designation	Qty.	Standard Pump Size			
				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
				Pump API Designation			
				20-125-RWBC	20-150-RWBC	25-200-RWBC	30-250-RWBC
				Part Numbers			
Barrel Assembly							
A	G11	Guide, Valve Rod	1	301012406	301012408	301012708	301013011
B	C21	Connector, Upper Barrel	1	231012400	231012400	231012700	231013500
C	B11	Barrel, Thin Wall	1	1321814**XX**	1311818**XX**	1311824**XX**	1311827**XX**
D	C14	Cage, Closed Barrel	1	204032100	204032100	204032600	204032900
E	V11	Valve, Ball (Standing)	1	12112	12112	12116	12120
E	V11	Valve, Seat (Standing)	1	623162100	623162100	623162600	623162900
F	S11	Seating Mandrel, Cup (Type HR)	1	454016300	454016300	454016800	454017300
G	S12	Seating Cup (Type HR)	3	273452284	273452186	273452686	273452986
H	S13	Seating Cup Ring (Type HR)	2	578016300	578016300	578016800	578017300
I	S14	Seating Cup Nut (Type HR)	1	483016300	483016300	483016800	483017300
J	S16	Seating Cup Coupling	1	254016300	254016300	254016800	254017300
Plunger Assembly							
K	B21	Bushing, Valve Rod	1	178012452	178012752	178012752	178013053
L	R11	Rod, Valve	1	617010620	617010820	617010820	617011120
M	C12	Cage, Top Plunger	1	202011406	202011808	202012408	202022711
N	P21	Plunger, One Piece	1	5511714**XX**	5511718**XX**	5515224**XX**	5515227**XX**
O	C13	Cage, Closed Plunger	1	205031400	205031800	205032400	205032700
P	V11	Valve, Ball (Traveling)	1	12107	12109	12114	12120
P	V11	Valve, Seat (Traveling)	1	623161400	623161800	623162400	623162900
Q	P12	Plug, Seat	1	543011400	543011800	543012400	543012700

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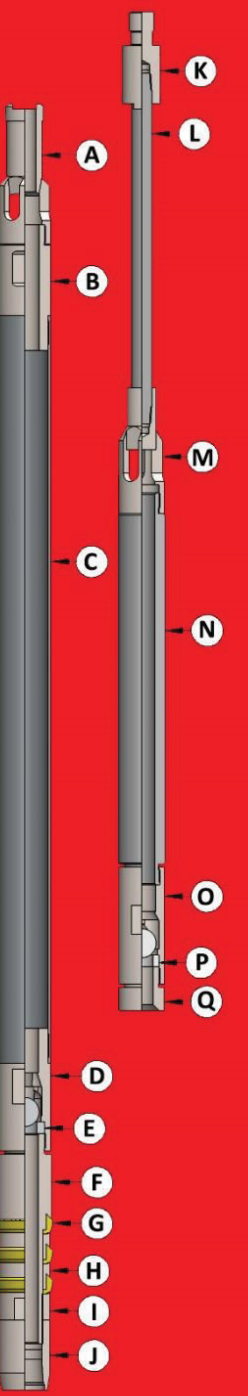

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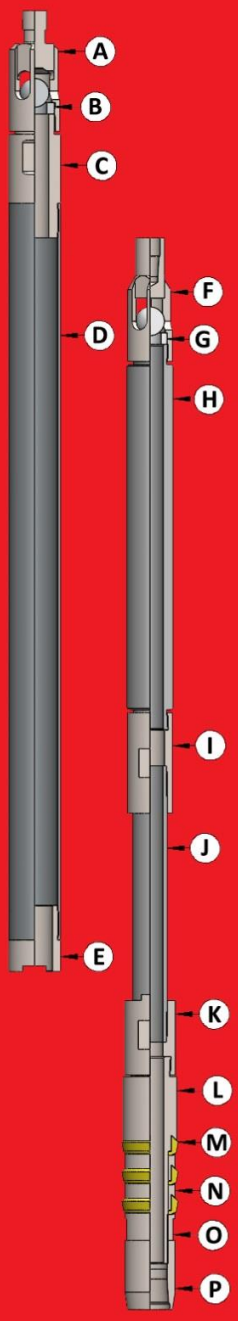
PUMP & SUPPLY, INC.



API – RWTC

Rod, Traveling Thin Wall Barrel, Bottom Anchor Pump

Item	API Ref.	Description / API Designation	Qty.	Standard Pump Size			
				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
				Pump API Designation			
				20-125-RWTC	20-150-RWTC	25-200-RWTC	30-250-RWTC
				Part Numbers			
Barrel Assembly							
A	C11	Cage, Top Open	1	201032152	201032152	201032652	201032752
B	V11	Valve, Ball (Traveling)	1	12112	12112	12116	12120
B	V11	Valve, Seat (Traveling)	1	623162100	623162100	623162600	623162900
C	C21	Connector, Upper Barrel	1	231012400	231012400	231012700	231013500
D	B11	Barrel, Thin Wall	1	1321814**XX**	1311818**XX**	1311824**XX**	1311827**XX**
E	P11	Plug, Pull	1	541011400	542011800	542012400	542012700
Plunger Assembly							
F	C12	Cage, Top Plunger	1	203031400	203031800	203032400	203032700
G	V11	Valve, Ball (Standing)	1	12107	12109	12114	12120
G	V11	Valve, Seat (Standing)	1	623161400	623161800	623162400	623162700
H	P21	Plunger, One Piece	1	5511714**XX**	5511718**XX**	5515224**XX**	5515227**XX**
I	C32	Coupling, Pull Tube, Upper	1	251011400	251011800	251012400	251012700
J	T11	Tube, Pull	1	7510109**XX**	7510112**XX**	7510118**XX**	7510124**XX**
K	C33	Coupling, Pull Tube, Lower	1	252011400	253011800	253012400	253012700
L	S11	Seating Mandrel, Cup (Type HR)	1	454016300	454016300	454016800	454017300
M	S12	Seating Cup (Type HR)	3	273452284	273452186	273452686	273452986
N	S13	Seating Cup Ring (Type HR)	2	578016300	578016300	578016800	578017300
O	S14	Seating Cup Nut (Type HR)	1	483016300	483016300	483016800	483017300
P	S16	Seating Cup Coupling	1	254016300	254016300	254016800	254017300

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*API mechanical hold downs available to replace cup hold downs

BLACK GOLD
PUMP & SUPPLY, INC.

API - RXBC

Rod, Stationary Heavy Wall Barrel, Bottom Anchor Pump

Item	API Ref.	Description / API Designation	Qty.	Standard Pump Size		
				2-3/8 x 1-1/4	2-3/8 x 1-1/2	2-7/8 x 2
				Pump API Designation		
				20-125-RXBC	20-150-RXBC	25-200-RXBC
				Part Numbers		
Barrel Assembly						
A	G11	Guide, Valve Rod	1	301012406	301012408	301012708
B	C21	Connector, Upper Barrel	1	231012400	231012400	231012700
C	B16	Barrel, Heavy Wall	1	1321814**XX**	1351818**XX**	1351824**XX**
D	C14	Cage, Closed Barrel	1	204032100	204032100	204032600
E	V11	Valve, Ball (Standing)	1	12112	12112	12116
E	V11	Valve, Seat (Standing)	1	623162100	623162100	623162600
F	S11	Seating Mandrel, Cup (Type HR)	1	454016300	454016300	454016800
G	S12	Seating Cup (Type HR)	3	273452284	273452186	273452686
H	S13	Seating Cup Ring (Type HR)	2	578016300	578016300	578016800
I	S14	Seating Cup Nut (Type HR)	1	483016300	483016300	483016800
J	S16	Seating Cup Coupling	1	254016300	254016300	254016800
Plunger Assembly						
K	B21	Bushing, Valve Rod	1	178012452	178012752	178012752
L	R11	Rod, Valve	1	617010620	617010820	617010820
M	C12	Cage, Top Plunger	1	202011406	202011808	202012408
N	P21	Plunger, One Piece	1	5511714**XX**	5511718**XX**	5515224**XX**
O	C13	Cage, Closed Plunger	1	205031400	205031800	205032400
P	V11	Valve, Ball (Traveling)	1	12107	12109	12114
P	V11	Valve, Seat (Traveling)	1	623161400	623161800	623162400
Q	P12	Plug, Seat	1	543011400	543011800	543012400

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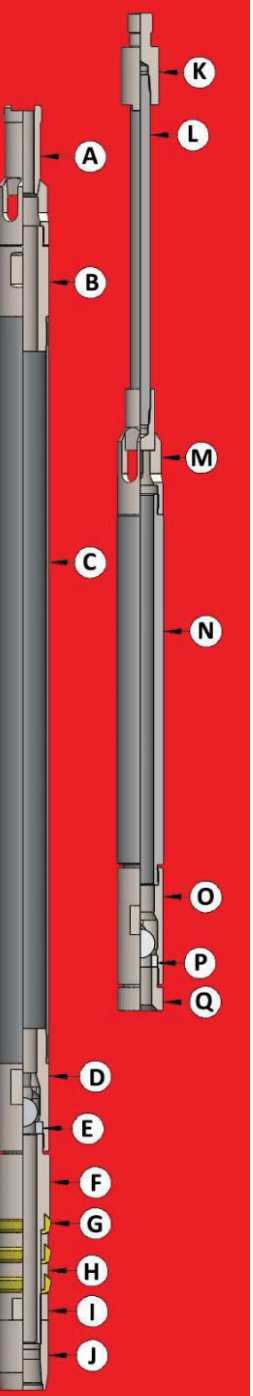
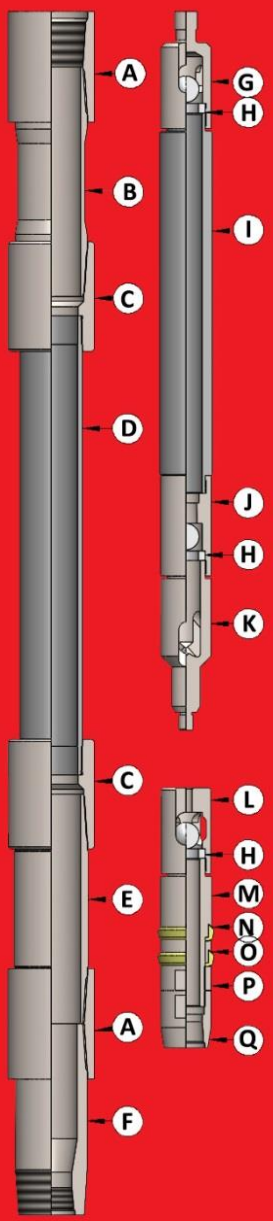


BLACK GOLD
PUMP & SUPPLY, INC.

API – TH

Tubing, Heavy Wall Barrel Pump



Item	API Ref.	Description / API Designation	Qty.	Standard Pump Size			
				2-3/8 x 1-3/4	2-7/8 x 2-1/4	3-1/2 x 2-3/4	4-1/2 x 3-3/4
				Pump API Designation			
				20-175-THC	25-225-THC	30-275-THC	40-375-THC
				Part Numbers			
Barrel Assembly							
A	C34	Coupling, Tubing	2	258226300	258226800	258227300	258227800
B	N21	Nipple, Extension, Upper	1	7422263**YY**	7422268**YY**	7422273**YY**	7422278**YY**
C	C35	Coupling, Barrel	2	256012163	256012668	256012973	256013478
D	B13	Barrel, Heavy Wall	1	1331821**XX**	1331826**XX**	1331829**XX**	1331834**XX**
E	N22	Nipple, Extension, Lower	1	292336312	292336812	292337312	292337812
F	N13	Nipple, Seating	1	474016362	474016862	474017362	474017862
F	N12	Nipple, Seating, Mech.	1	-	-	-	471017862
Plunger Assembly							
G	C11	Cage, Top Open	1	200042107	201012652	201012953	201193454
H	V11	Valve, Ball (Traveling)	3	12112	12116	12120	12124
H	V11	Valve, Seat (Traveling)	3	623162100	623162600	623162900	623163400
I	P21	Plunger, One Piece	1	5515221**XX**	5515226**XX**	5515229**XX**	5525234**XX**
J	C13	Cage, Closed Plunger	1	205032100	205032600	205032900	205193400
K	P31	Puller, Standing Valve	1	583012100	583012600	583012900	583012900
L	C16	Cage, Standing Valve	1	203032100	203032600	203032900	203033400
M	S17	Seating Mandrel, Cup (Type HR)	1	454016310	454016810	454017310	454017810
N	S18	Seating Cup (Type HR)	2	273452284	273452686	273452986	-
O	S13	Seating Cup Ring (Type HR)	1	578016300	578016800	578017300	-
P	S14	Seating Cup Nut (Type HR)	1	483016300	483016800	483017300	-
Q	S16	Seating Cup Coupling	1	254016300	254016800	254017300	-
OPT.	B23	Bushing, Optional	1	-	-	-	171013429
OPT.	S22	Seating Assembly, Mech. B/L	1	-	-	-	321003562

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BLACK GOLD
PUMP & SUPPLY, INC.

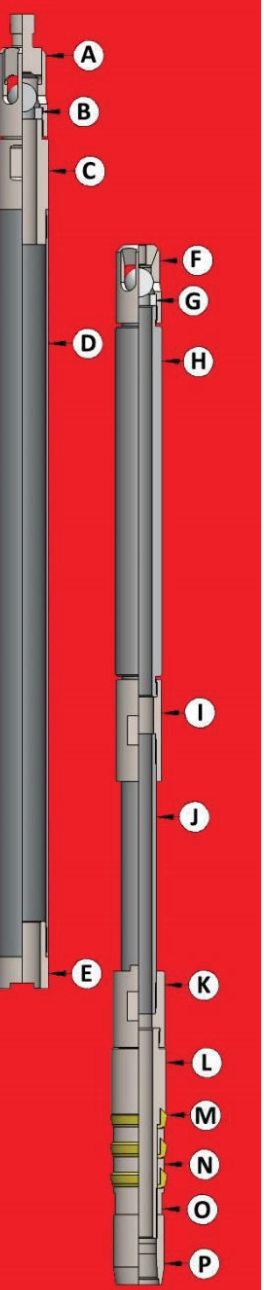
API – RSTC

Rod, Traveling Thin Wall Barrel, Bottom Anchor, Soft-Packed Plunger Pump

Item	API Ref.	Description / API Designation	Qty.	Standard Pump Size			
				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
				Pump API Designation			
				20-125-RSTC	20-150-RSTC	25-200-RSTC	30-250-RSTC
				Part Numbers			
Barrel Assembly							
A	C11	Cage, Top Open	1	201032152	201032152	201032652	201032752
B	V11	Valve, Ball (Traveling)	1	12112	12112	12116	12120
B	V11	Valve, Seat (Traveling)	1	623162100	623162100	623162600	623162900
C	C21	Connector, Upper Barrel	1	231012400	231012400	231012700	231013500
D	B11	Barrel, Thin Wall	1	1321814**XX**	1311818**XX**	1311824**XX**	1311827**XX**
E	P11	Plug, Pull	1	541011400	542011800	542012400	542012700
Plunger Assembly							
F	C17	Cage, Top Plunger	1	203031400	203031800	203032400	203032700
G	V11	Valve, Ball (Standing)	1	12107	12109	12114	12120
G	V11	Valve, Seat (Standing)	1	623161400	623161800	623162400	623162700
H	P24	Plunger, Soft Packed	1	559481400	559481800	559482400	559482700
I	C32	Coupling, Pull Tube, Upper	1	251011400	251011800	251012400	251012700
J	T11	Tube, Pull	1	7510109**XX**	7510112**XX**	7510118**XX**	7510124**XX**
K	C33	Coupling, Pull Tube, Lower	1	252011400	253011800	253012400	253012700
L	S11	Seating Mandrel, Cup (Type HR)	1	454016300	454016300	454016800	454017300
M	S12	Seating Cup (Type HR)	3	273452284	273452284	273452686	273452986
N	S13	Seating Cup Ring (Type HR)	2	578016300	578016300	578016800	578017300
O	S14	Seating Cup Nut (Type HR)	1	483016300	483016300	483016800	483017300
P	S16	Seating Cup Coupling	1	254016300	254016300	254016800	254017300

XX-Signifies length in feet. Example: 34 = 34 ft.; 18= 18ft.

*API mechanical hold downs available to replace cup hold downs



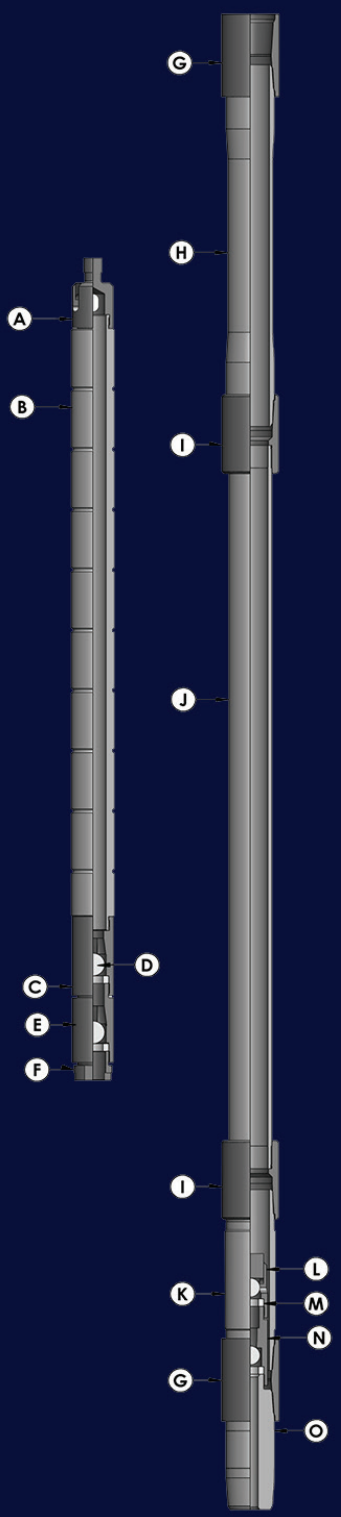
SPECIALTY

PUMPS

BLACK GOLD PUMP & SUPPLY, INC. MANUFACTURES AND DISTRIBUTES SEVERAL SPECIALTY PUMPS. THESE PUMPS CAN INCREASE RUN LIFE, EFFICIENCY, AND/OR PRODUCTION BASED ON DIFFERENT WELL CONDITIONS. OUR SALES TEAM CAN EVALUATE YOUR WELL CONDITIONS AND DETERMINE THE BEST PUMP FOR YOUR APPLICATION.

BLACK GOLD
PUMP & SUPPLY, INC.

BARREL LENGTH PLUNGER PUMP



Black Gold Pump & Supply's Barrel Length Plunger Pump is designed to improve pump efficiency and run times in the presence of sand, scale, and/or trash. The plunger assembly is designed to keep sand in suspension and to prevent sand from settling between the plunger and barrel. The plunger is wiped clean after every downstroke, mitigating the possibility of a stuck pump. Traveling and standing valve cages have a double valve to increase the potential run life of the pump.

Item	API Ref.	Description/API Designation	Qty.	Standard Pump Size
				3-1/2 x 2-3/4

PLUNGER ASSEMBLY

A	C11	Cage, Top Open	1	201192953
B	P21	Plunger, Pin End	1	5511729**XX**
C	C13	Cage, Closed Plunger	1	205452970
D	V11	Valve, Ball Alternate	2	12118
D	V11	Valve, Seat	2	623162900
E	N/A	Cage, Double Valve	1	206452970
F	N/A	Plug, Plunger End	1	173012900

BARREL ASSEMBLY

G	C34	Coupling, Tubing	2	258227300
H	N21	Nipple, Extension, Upper	1	2921973YY
I	C35	Connector, Barrel	2	256192973
J	B13	Barrel, TH	1	1331829**XX**
K	N22	Nipple, Extension, Lower	1	2921973**YY**

STANDING VALVE ASSEMBLY

L	C16	Cage, Standing Valve	1	203192900
M	V11	Valve, Ball Alternate	2	12118
M	V11	Valve, Seat	2	623162900
N	N/A	Cage, Double Valve	1	206452970
O	N/A	Nipple, Positive	1	478197300

XX-Signifies length in feet Example: 34 = 34 ft.; 18= 18ft.
YY-Signifies length in inches Example: 34 = 34 in.; 18= 18in.

ANY PUMP BORE SIZE AND PLUNGER LENGTH AVAILABLE UPON REQUEST

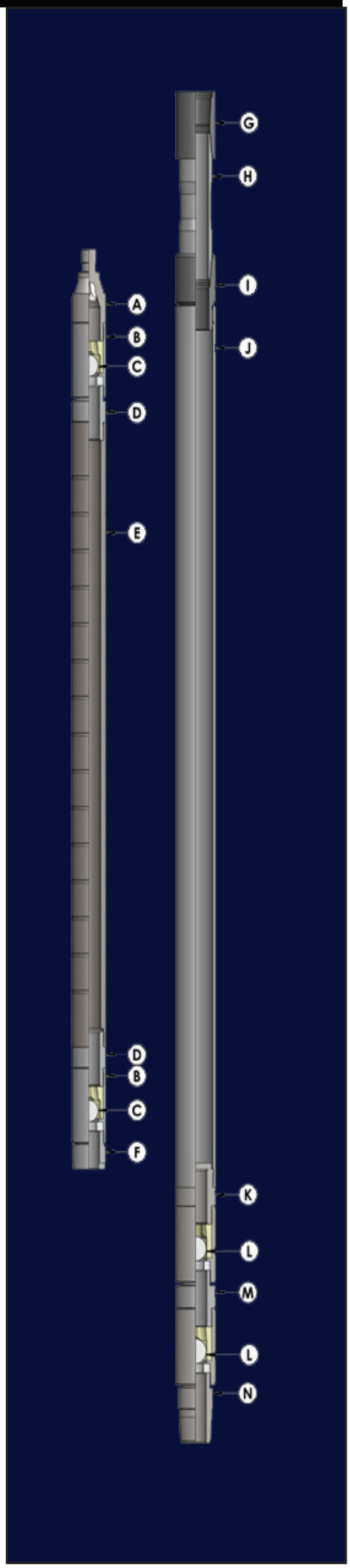
NYLON & STEEL INSERT CAGES AVAILABLE FOR 2-3/4" ONLY

NYLON INSERTS RATED FOR 200°F
STEEL INSERTS RATED FOR 200+°F

BLACK GOLD
PUMP & SUPPLY, INC.

BIG BORE TUBING PUMP

Black Gold Pump & Supply's Big Bore Tubing Pumps are double valved with nylon inserts to increase durability and runlife of cages. Our plungers are grooved to allow for better lubrication. Our steel inserts are also available for high temperature applications.



Item	API Ref.	Description/API Designation	Qty.	Standard Pump Size
				2-7/8 x 3-1/4

PLUNGER ASSEMBLY

A	N/A	Adapter, Top Open Sand Flow	1	209153254
B	N/A	Cage, Closed Plunger (Traveling)	2	205193200
C	V11	Valve, Ball Alternate (Traveling)	2	12121
C	V11	Valve, Seat (Traveling)	2	623163201
D	N/A	Connector, Plunger	2	235193200
E	P23	Plunger, Box End	1	5525232**XX**
F	P12	Seat, Plug	1	173193200

BARREL ASSEMBLY

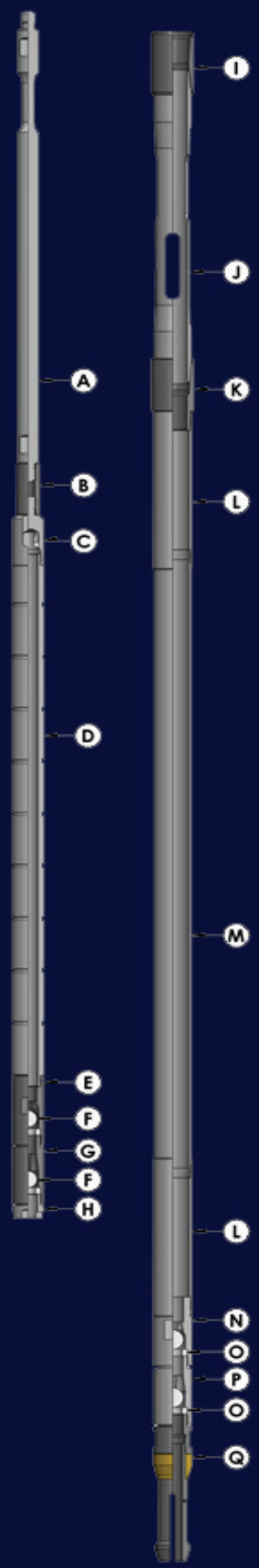
G	C34	Coupling, Tubing	1	258226800
H	N21	Extension, Tubing	1	2920168**YY**
I	N/A	Connector, Upper Barrel	1	232193268
J	N/A	Barrel, TX	1	1341832**XX**
K	N/A	Cage, Closed Barrel	1	204193200
L	V11	Valve, Ball Alternate (Standing)	2	12123
L	V11	Valve, Seat (Standing)	2	623163200
M	N/A	Cage, Double Valve	1	206193200
N	N/A	Bushing, Seat Retainer	1	174193268

XX-Signifies length in feet Example: 34 = 34 ft.; 18= 18ft.
YY-Signifies length in inches Example: 34 = 34 in.; 18= 18in.

PUMP BORE SIZES AVAILABLE: 2-3/4", 3", 3-1/4", 3-3/4", 4-1/4"

NYLON INSERTS RATED FOR 200°F
STEEL INSERTS RATED FOR 200+°F

BLACK GOLD
PUMP & SUPPLY, INC.



BLACK GOLD INSERT PUMP

Black Gold Pump & Supply's Insert Pump uses a special configuration at the top of the pump that replaces the typical valve rod guide. This allows production on the upstroke to have less restrictive flow, reducing the turbulance at the upper section. Double valves are used to ensure that you will always have a proper seal in your valves. The configuration shown displays a bottom lock brass mechanical hold down.

Item	API Ref.	Description/API Designation	Qty.	Standard Pump Size
				3-1/2 x 2-1/4

PLUNGER ASSEMBLY

A	N/A	Sinker Bar	1	6180118**XX**
B	N/A	Coupling, Sucker Rod	1	262170700
C	C11	Cage, Top Open	1	201192652
D	P21	Plunger, Pin End	1	5511726**XX**
E	C13	Cage, Closed Plunger	1	205032600
F	V11	Valve, Ball Alternate (Traveling)	2	12114
F	V11	Valve, Seat (Traveling)	2	623162600
G	N/A	Cage, Double Valve	1	206032600
H	B23	Plug, Seat	1	543012600

BARREL ASSEMBLY

I	C34	Coupling, Tubing 2.750 10RD NU	1	CUSTOM
J	N/A	Extension, Slotted 10RD NU	1	CUSTOM
K	N/A	Connector, Upper Barrel 2.750 OD	1	CUSTOM
L	C31	Extension, Barrel	2	2910126**YY**
M	B12	Barrel, Heavy Wall	1	1321826**XX**
N	C14	Cage, Closed Barrel	1	204032900
O	V11	Valve, Ball Alternate (Special)	2	12119
O	V11	Valve, Seat (Standing)	2	623162900
P	N/A	Cage, Double Valve	1	206032900
Q	N/A	Hold Down, Mechanical Brass	1	321003062

XX-Signifies length in feet Example: 34 = 34 ft.; 18= 18ft.
YY-Signifies length in inches Example: 34 = 34 in.; 18= 18in.

PUMP SIZES AVAILABLE (TUBING SIZE-PUMP BORE): 30-225, 40-275, 40-325

**CUP HOLD DOWNS AND TOP LOCK MECHANICAL HOLD DOWNS ARE AVAILABLE UPON REQUEST.

NYLON & STEEL INSERT CAGES AVAILABLE FOR 2-3/4" and 3-1/4"

NYLON INSERTS RATED FOR 200°F
STEEL INSERTS RATED FOR 200+°F

BLACK GOLD
PUMP & SUPPLY, INC.

BLACK GOLD TUBING PUMP

Black Gold Pump & Supply's Tubing Pumps are double valved and full open. A knock out drain with a brass plug is available for 1-1/2" and above. To actuate the knock out drain, the plunger assembly is pulled and a bar is dropped downhole to break the brass plug, allowing the tubing to drain. Nylon or steel inserts are available for 2-3/4" and above configurations.

Item	API Ref.	Description/API Designation	Qty.	Standard Pump Size
				2-7/8 x 2-1/4

PLUNGER ASSEMBLY

A	C11	Cage, Top Open	1	201192652
B	P21	Plunger, Pin End	1	5511726**XX**
C	C15	Cage, Closed Plunger	1	205032600
D	V11	Valve, Ball Alternate (Traveling)	2	12114
D	V11	Valve, Seat (Traveling)	2	623162600
E	N/A	Cage, Double Valve	1	206032600
F	P12	Seat, Plug	1	543012600

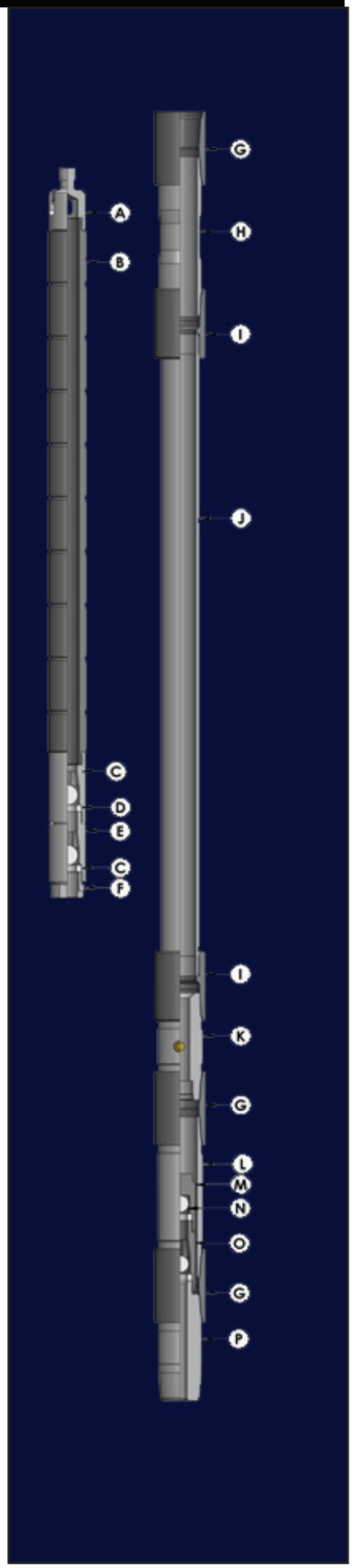
BARREL ASSEMBLY

G	C34	Coupling, Tubing	3	258226800
H	N21	Extension, Tubing	1	2920168**YY**
I	C35	Connector, Upper Barrel	2	256192668
J	B13	Barrel, TH	1	1331826**XX**
K	N/A	Drain, Knock Out	1	391016800
L	N22	Extension, Nipple	1	2921968**YY**
M	N/A	Cage, Standing Valve	1	203192600
N	V11	Valve, Ball Alternate (Standing)	2	12114
N	V11	Valve, Seat (Standing)	2	623162600
O	N/A	Cage, Double Valve	1	206032600
P	N/A	Nipple, Positive	1	478196800

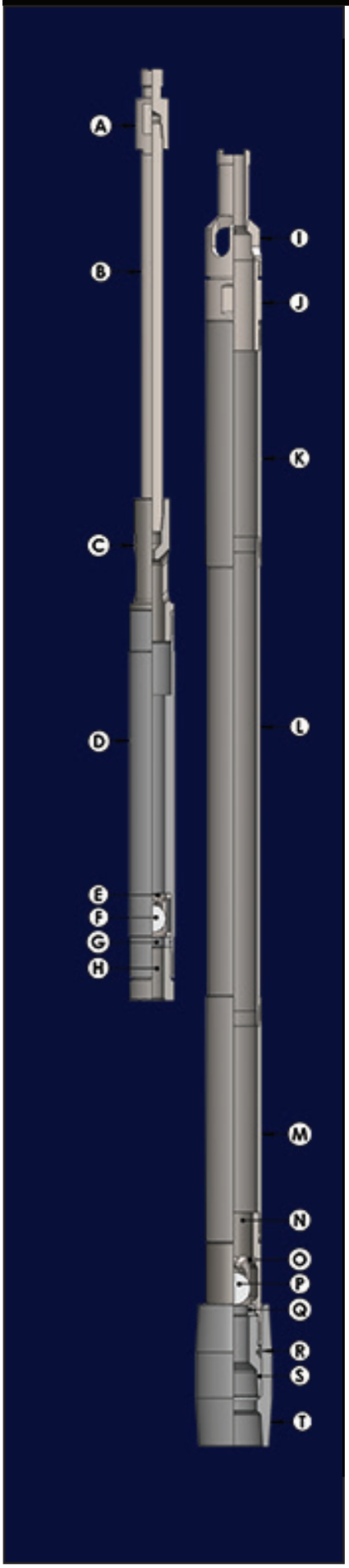
XX-Signifies length in feet Example: 34 = 34 ft.; 18= 18ft.
YY-Signifies length in inches Example: 34 = 34 in.; 18= 18in.

PUMP BORE SIZES AVAILABLE: 1-1/4" UP TO 3-3/4"

NYLON INSERTS RATED FOR 200°F
STEEL INSERTS RATED FOR 200+°F



BLACK GOLD
PUMP & SUPPLY, INC.



CIRCLE-A PUMP (AXELSON STYLE)

Black Gold Pump & Supply's Axelson Style Circle-A Pump is mainly designed for heavy crude. The streamlined connections and minimum spacing between traveling and standing valves, create maximum flow while maintaining minimum turbulence of the fluid. The pump is held in place by a friction style hold down.

Item	Description	Qty.

PLUNGER ASSEMBLY

A	Bushing, Valve Rod	1
B	Valve Rod	1
C	Bushing, Upper Plunger, Circle-A	1
D	Plunger, Box End, Circle-A	1
E	Cage, Insert, Circle-A	1
F	Valve, Ball (Traveling)	1
G	Valve, Seat, Circle-A (Traveling)	1
H	Plug, Seat Retainer, Circle-A	1

BARREL ASSEMBLY

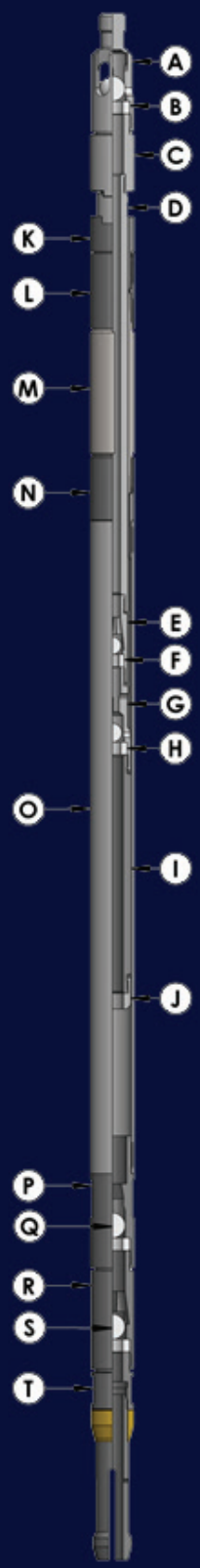
I	Guide, Valve Rod, Circle-A	1
J	Connector, Upper Barrel, Circle-A	1
K	Extension, Barrel	1
L	Barrel, RH	1
M	Extension, Barrel	1
N	Cage, Barrel Body, Circle-A Insert	1
O	Cage, Insert, Circle-A	1
P	Valve, Ball (Standing)	1
Q	Valve, Seat, Circle-A (Standing)	1
R	Ring, Friction	1
S	Mandrel, Friction Ring Hold Down	1
T	Nipple, Bottom Seating, Friction Ring, Circle-A	1

A Two Stage Circle-A pump is available with included ring valve. This version of the Circle-A pump is designed with the ring valve located at the top portion of the pump and keeps the fluid column off the traveling valve on the downstroke; thus minimizing fluid pound and reducing rod fall problems in heavy fluid. On the upstroke the ring valve remains closed until the pressure between the ring valve and traveling valve equalize. Once the pressure is equalized, the ring valve opens, helping to mitigate the problem of gas lock.

BLACK GOLD
PUMP & SUPPLY, INC.

GAS & STEAM PUMP

The Gas & Steam Pump creates a continuous flow of gas/fluid mixture through the pump on both the up and down stroke which reduces the risk of gas compression in the lower barrel (O), a problem seen in high yield gas wells running conventional rod pumps.



Item	API Ref.	Description/API Designation	Qty.	Standard Pump Size
				2-3/8 x 1-1/2

PLUNGER ASSEMBLY

A	C11	Cage, Top Open	1	201032152
B	V11	Valve, Ball Alternate	1	12110
B	V11	Valve, Seat	1	623162100
C	N/A	Clutch, Female	1	CUSTOM
D	P21	Plunger (Upper)	1	CUSTOM
E	N/A	Cage, Double Valve	1	206031400
F	V11	Valve, Ball Alternate	1	12106
F	V11	Valve, Seat	1	623161400
G	N/A	Cage, Slotted Double Valve	1	CUSTOM
H	V11	Valve, Ball Alternate	1	12108
H	V11	Valve, Seat	1	623161800
I	P21	Plunger, Pin End (Lower)	1	5511718**XX**
J	N/A	Plug, Plunger End	1	CUSTOM

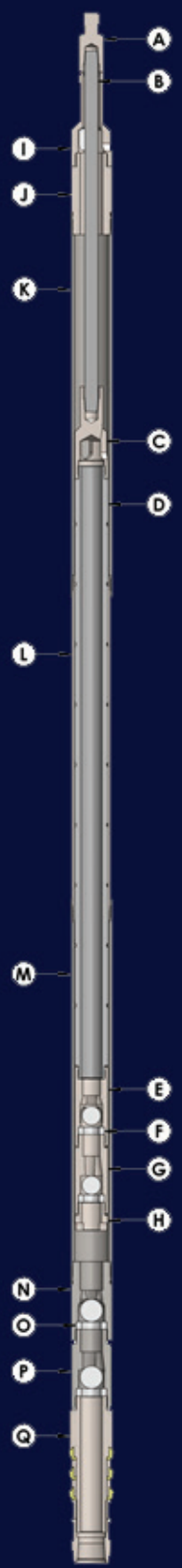
BARREL ASSEMBLY

K	N/A	Clutch, Male	1	CUSTOM
L	C31	Extension, Barrel	1	2911914**YY**
M	B12	Barrel, RH (Upper)	1	1321814**XX**
N	N/A	Connector, Barrel	1	CUSTOM
O	B11	Barrel, RW (Lower)	1	1311818**XX**
P	C14	Cage, Closed Barrel	1	204062100
Q	V11	Valve, Ball Alternate	1	12110
Q	V11	Valve, Seat	1	623162100
R	N/A	Cage, Double Valve	1	206062100
S	V11	Valve, Ball Alternate	1	12110
S	V11	Valve, Seat	1	623162100
T	S22	Hold Down, Bottom Lock Assembly	1	321002462

XX-Signifies length in feet Example: 34 = 34 ft.; 18= 18ft.
YY-Signifies length in inches Example: 34 = 34 in.; 18= 18in.

PUMP SIZES AVAILABLE: 1 1/4”- 2 1/4” & UPON SPECIAL REQUEST 2 3/4” - 3 3/4”

BLACK GOLD
PUMP & SUPPLY, INC.



STROKE THROUGH PLUNGER PUMP

Black Gold Pump & Supply's Stroke Through Plunger Pump is designed for wells with sand, scale, and/or trash. Based off your well conditions and unit, a shorter barrel is used with long extensions and plunger. As the pump strokes, the plunger is always protruding out of the barrel. A sand seal is recommended below the valve rod guide.

Item	API Ref.	Description/API Designation	Qty.	Standard Pump Size
				3-1/2 x 2-1/4

PLUNGER ASSEMBLY

A	B21	Bushing, Valve Rod	1	178013053
B	R11	Rod, Valve	1	6170111**XX**
C	C12	Cage, Top Open Plunger	1	202012611
D	P21	Plunger, Pin End	1	5511726**XX**
E	C13	Cage, Closed Plunger	1	205032600
F	V11	Valve, Ball Alternate (Traveling)	2	12114
F	V11	Valve, Seat (Traveling)	2	623162600
G	N/A	Cage, Double Valve	1	206032600
H	P12	Plug, Plunger End	1	543012600

BARREL ASSEMBLY

I	G11	Guide, Valve Rod	1	301013011
J	C21	Connector, Upper Barrel	1	231013500
K	C31	Extension, Barrel (Upper)	1	2910126**YY**
L	B12	Barrel, RH	1	1321826**XX**
M	C31	Extension, Barrel (Lower)	1	2910126**YY**
N	C14	Cage, Closed Barrel	1	204032900
O	V11	Valve, Ball Alternate (Standing)	2	12118
O	V11	Valve, Seat (Standing)	2	623162900
P	N/A	Cage, Double Valve	1	206032900
Q	N/A	Seating, Cup Assembly (Type HR)	1	324002982

XX-Signifies length in feet Example: 34 = 34 ft.; 18= 18ft.
YY-Signifies length in inches Example: 34 = 34 in.; 18= 18in.

PUMP BORE SIZES AVAILABLE (TUBING SIZE-PUMP BORE): 20-125, 25-125, 25-150, 25-175, 30-225

BLACK GOLD
PUMP & SUPPLY, INC.

DOUBLE DISPLACEMENT PUMP

Black Gold Pump & Supply's Double Displacement Pump is ideal for applications involving restricted pump bore size due to small casing diameters. This pump increases production without having to upsize the pump bore or pumping unit. On the upstroke, fluid is produced like a normal tubing pump. On the downstroke, the added production is pushed into the production tubing. These pumps are all double valved for improved run life.

Item	API Ref.	Description/API Designation	Qty.	3-1/2 x 3-1/4

PLUNGER ASSEMBLY

A	C11	Cage, Top Open Sand Flow	1	209153254
B	C13	Cage, Closed Plunger	1	205193200
C	V11	Valve, Ball Alternate (Traveling)	2	12121
C	V11	Valve, Seat (Traveling)	2	623163201
D	N/A	Cage, Double Valve	1	206193200
E	N/A	Adapter, Plunger	1	106193200
F	N/A	Plunger, Box End	2	5525232**XX**
G	N/A	Connector, Plunger w/ Slots	1	CUSTOM
H	P21	Plunger, Pin End	1	5511729**XX**
I	N/A	Connector, Plunger	1	CUSTOM
J	N/A	Bushing, Clutch Plunger	1	173193200

BARREL ASSEMBLY

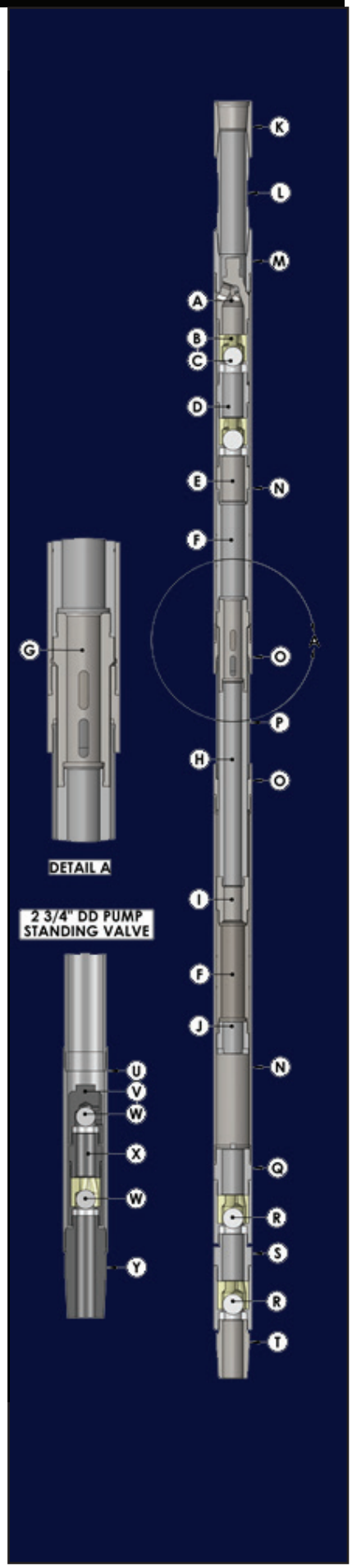
K	C34	Coupling, Tubing	1	258227300
L	N21	Extension, Nipple Upper	1	296247348
M	N/A	Connector, Barrel 8RD	1	232193273
N	B11	Barrel, TW	2	1341832**XX**
O	N/A	Connector, Barrel Custom	2	CUSTOM
P	B13	Barrel, TH	1	1331829**XX**
Q	N/A	Cage, Closed Barrel	1	204193200
R	V11	Valve, Ball Alternate (Standing)	2	12121
R	V11	Valve, Seat (Standing)	2	623163200
S	N/A	Cage, Double Valve	1	206193200
T	N/A	Bushing, Seat Retainer	1	174193268

STANDING VALVE ASSEMBLY FOR 2-3/4" PUMP

U	C31	Extension, Barrel	1	2911929**YY**
V	C16	Cage, Open SV	1	203192900
W	V11	Valve, Ball Alternate (Standing)	2	12118
W	V11	Valve, Seat (Standing)	2	623162900
X	N/A	Cage, Double Valve	1	206452970
Y	N/A	Nipple, Positive	1	478019168

XX-Signifies length in feet Example: 34 = 34 ft.; 18= 18ft.
YY-Signifies length in inches Example: 34 = 34 in.; 18= 18in.

PUMP BORE SIZES AVAILABLE: 2-3/4", 3-1/4"



www.blackgoldpump.com

FOR MORE PRODUCTS AND INFORMATION:

BLACK GOLD PUMP & SUPPLY, INC.

2459 LEWIS AVE. SIGNAL HILL, CA 90755

(562) 595-4475

WWW.BLACKGOLDPUMP.COM

API Spec Q1 Registered

Q1-2618

ANAB ACCREDITED

ISO/IEC 17021

MANAGEMENT SYSTEMS CERTIFICATION BODY

QMS REGISTERED

ISO-2881

11AX-0134