

RHBC Rod Pumps

Pump Assemblies

Item	Description	No. Req'd	Bore Size			
			1-1/4" (1)	1-1/2" (2)	1-3/4" (3)	
Barrel Assembly						
A	Guide, Valve Rod	1				
	11/16"		GR211			
	7/8"		GR221	GR321	GR321	
B	Connector, Upper Barrel	1	C222	C332	C332	
C	Coupling, Extension	2				
	12"		EN213	EN313	EN413	
	24"		EN214	EN314	EN414	
	36"		EN215	EN315	EN415	
D	Barrel, Heavy Wall RH	1				
	Steel, Plain 16'		BT0416	BT0716	BT0816	
	Steel, CPID 16'		BT0416C	BT0716C	BT0816C	
	Brass, CPID 16'		BT04163C	BT07163C	BT08163C	
	Brass, Ni-Carb 16'		BT04163N	BT07163N	BT08163N	
E	Cage, Closed Barrel	1	CF42	CF62		
F	Valve, Ball and Seat	1	Ball	Seat	Ball	Seat
	Alloy		B072	S042	B092	S062
	Titanium		B073	S043	B093	S063
	Nickel Carbide		B075	S045	B095	S065

Plunger Assembly						
G	Bushing, Valve Rod	1				
	3/4" Pin		BR1-1	BR2-1	BR2-1	
	7/8" Pin		BR2-2	BR2-2	BR2-2	
H	Rod, Valve	187"				
	11/16"		VR1			
	7/8"		VR2	VR2	VR2	
I	Coupling, Top Plunger	1				
	11/16"		PA21			
	7/8"		PA22	PA32	PA42	
J	Plunger	1				
	Spraymetal, Plain Pin		P214	P314	P414	
	Spraymetal, Monel Pin		P214M	P314M	P414M	
K	Cage, Closed Plunger	1	CF21	CF31	CF41	
L	Valve, Ball and Seat	1	Ball	Seat	Ball	Seat
	Alloy		B032	S022	B052	S032
	Titanium		B033	S023	B053	S033
	Nickel Carbide		B035	S025	B055	S035
M	Plug, Seat (External)	1	PS21	PS31	PS41	

Hold-Down Assembly					
N	Mandrel, Seating Cup	1	HM41		HM51
O	Cup, Seating	3	SC064-HR		SC087-HR
P	Ring, Seating Cup	2	HS41		HS51
Q	Nut, Seating Cup	1	HL41		HL51
R	Coupling, Seating Cup	1	HB41-3		HB51-4

These are typical RHBC pumps using 4' plungers and 16' barrels with 2' extension couplings. Other standard length plungers, barrels, and extension couplings are available. Valve rod length will have to be recalculated to each plunger or barrel length change you make. Other ball and seat combinations are available. Fittings are steel, other materials available. API mechanical type hold-downs are also available.

- (1) API 20 -125-RHBC -16-4-4
- (2) API 25 -150-RHBC -16-4-4
- (3) API 25 -175-RHBC -16-4-4

