

RSBC (Soft-Packed) Thin Wall Rod Pumps

Pump Assemblies

Item	Description	No. Req'd	Bore Size		
			1-1/4"(1)	1-1/2" (2)	2"(3)
Barrel Assembly					
A	Guide, Valve Rod	1			
	11/16"		GR211	GR211	
	7/8"		GR221	GR221	GR321
B	Connector, Upper Barrel	1	C201	C222	C332
C	Barrel, Thin Wall RW	1			
	Steel, Plain 16'		BT0316	BT0516	BT1216
	Steel, CPID 16'		BT0316C	BT0516C	BT1216C
D	Cage, Closed Barrel	1	CF48	CF42	CF62
E	Valve, Ball and Seat	1	Ball	Seat	Ball Seat
	Alloy		B072	S042	B092 S062
	Titanium		B073	S043	B092 S063
	Nickel Carbide		B075	S045	B095 S065

Plunger Assembly					
F	Bushing, Valve Rod	1			
	3/4"		BR1-1	BR2-1	BR2-1
	7/8"			BR2-2	BR2-2
G	Rod, Valve	151"			
	11/16"		VR1	VR1	
	7/8"			VR2	VR2
H	Coupling, Top Plunger	1			
	11/16"		PA21	PA31	
	7/8"			PA32	PA52
I	Plunger	1			
	Phenolic Ring		PM110-60N	PM210-60N	PM510-60N
	Composition Ring		PC110-60F	PC210-60F	PC510-60F
	Pressure Actuated Ring		PG216C	PG316C	PG616C
J	Cage, Closed Plunger	1	CF21	CF31	CF51
K	Valve, Ball and Seat	1	Ball Seat	Ball Seat	Ball Seat
	Alloy		B032 S022	B052 S032	B082 S052
	Titanium		B033 S023	B053 S033	B083 S053
	Nickel Carbide		B035 S025	B055 S035	B085 S055
L	Plug, Seat (External)		PS21	PS31	PS51

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

The **Soft-Pack Pump** is basically the same as the API "RW" pump except that a soft-packed plunger is used instead of metal and the finished inside diameter of the barrel has a larger tolerance. Plungers in these pumps can be flex-rings, split and flange composition rings, and pressure actuated ring plungers. The **Soft-Pack Pump** can be economically used in shallow to moderate depth wells where sand, mud, or other abrasives are of no major concern.

- (1) API 20 -125-RSBC-16-3
- (2) API 20 -150-RSBC-16-3
- (3) API 25 -200-RSBC-16-3

