



SECTION XV: EQUALIZING SUB-ASSEMBLIES and ACCESSORIES

Type 'BB' Circulating Bottom Sub-Assembly: 1.78" - 2.81"

Rebco Type 'BB' Circulating Bottom Sub-Assemblies for use in Type 'BF' Landing Nipple are to be used with Lock Mandrels (See [Section XIV](#)) Type 'ROTS', 'ROTW', 'ROTG', and 'ROTM' with 'API' Cross Over Mandrel or Packing Mandrel and Type 'BB' Seal Unit according to the Nominal Size.

Rebco Type 'BB' Circulating Bottom Sub-Assemblies for use in Type 'BR' Landing Nipple are to be used with Lock Mandrels (See [Section XIV](#)) Type 'ROTZ', and 'ROTK' with 'API' Cross Over Mandrel or Packing Mandrel and Type 'BB' Seal Unit according to the Nominal Size.

Circulating Bottom Sub-Assembly holds pressure from below while allowing circulation from above. It can be held open to bypass fluid while running and pulling.

Product Code: 21

NOTE: When ordering Specify Lock Mandrel Size and Type to be used with, and Material to suit Down-hole conditions/requirement.

For Part Numbers and Engineering Data see [Section XVI](#) - PLUG CHOKES

DET	PART NAME	QTY
1	SEAL UNIT	1 Set
2	API Cross Over Mandrel	1
3	CIRCULATING VALVE	1
4	VALVE STEM	1
5	SPRING	1
6	RETAINER	1
7	SPRING	1
8	Type 'A' or 'B' CAGE	1

