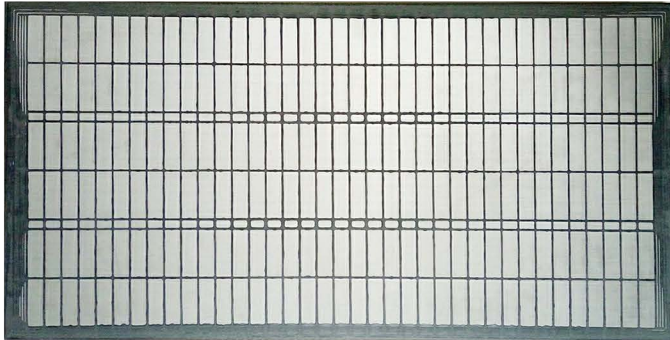


Pyramid screen
Hook Strip Flat Screen
Hook Strip Soft Screen
Composite Frame Screen
Metal Frame Screen
And More.....

ZHONGHAN MACHINERY EQUIPMENT (TIANJIN) CO., LTD.

NOV Brandt King Cobra

Replacement Shaker Screen



Compatible Shale Shaker

NOV Brandt King Cobra Shale Shaker

NOV Brandt Hybrid Shale Shaker

Technological Parameter of NOV Brandt King Cobra Shaker Screen

Material of wire mesh cloth: Stainless Steel 304, SS316, SS316L

Construction Type: PWP(Perforated Wear Plate)

Perforated Mesh Shape: Rectangle

Frame Material: Composite Material.

Sealing Rubber Strip: Yes

Screen Size:1250x635mm

Layer of Screen:2-3 layers

Standard: API RP 13C

API RP 13C Designation: API20-API325 mesh

Series: XR, XL optional

Warranty Period:1 year

Selection Of The Sizing Of The Mesh

When using vibrating screens on drilling fluids, the mesh sizes of the screens are selected according to the supply to the cassette, the density of the solution, the size of the removed cuttings particles, and the relative viscosity. The choice is based on the specific drilling conditions, therefore, on the rig, it is necessary to adjust the mesh size based on visual observations of the vibrating screens in order to maximize the life of the cassettes.

Structure of NOV Brandt King Cobra Replacement Shaker Screen

NOV Brandt King Cobra Replacement Shaker Screen with composite Frame: High-quality injection-molded composite material frame (Our factory will do two times of injection-molded for the frame of the screen, one time is for the composite and the second time is for the rubber seal , so that the frame and the seal are injection molded together, to ensure the working performance of the screen in a complex working environment) ,2-3 layers of thick wire mesh cloth.

ASTM MESH AND API CUT POINT

ASTM Mesh and Cut Point		API Mesh and Cut Point	
D100 Cut Point, Microns	ASTM Single Mesh	D100 Cut Point	API Number
2000	ASTM 10 Mesh	>1850,0 to 2180,0	API 10 Mesh
1000	ASTM 18 Mesh	>780,0 to 925,0	API 20 Mesh
850	ASTM 20 Mesh	>462,5 to 550,0	API 35 Mesh
710	ASTM 25 Mesh	>390,0 to 462,5	API 40 Mesh
600	ASTM 30 Mesh	>275,0 to 327,5	API 50 Mesh
500	ASTM 35 Mesh	>231,0 to 275,0	API 60 Mesh
425	ASTM 40 Mesh	>196,0 to 231,0	API 70 Mesh
355	ASTM 45 Mesh	>165,5 to 196,0	API 80 Mesh
300	ASTM 50 Mesh	>137,5 to 165,0	API 100 Mesh
250	ASTM 60 Mesh	>165,0 to 137,5	API 120 Mesh
212	ASTM 70 Mesh	>98,0 to 116,5	API 140 Mesh
180	ASTM 80 Mesh	>82,5 to 98,0	API 170 Mesh
150	ASTM 100 Mesh	>69,0 to 82,5	API 200 Mesh
125	ASTM 120 Mesh	>58,0 to 69,0	API 230 Mesh
106	ASTM 140 Mesh	>49,0 to 58,0	API 270 Mesh
90	ASTM 170 Mesh	>41,5 to 49,0	API 325 Mesh
75	ASTM 200 Mesh	>35 to 41,5	API 400 Mesh
63	ASTM 230 Mesh		
53	ASTM 270 Mesh		
45	ASTM 325 Mesh		
38	ASTM 400 Mesh		

Note:

ASTM is short for The American Society for Testing and Materials, ASTM E11:01 mesh equals to ISO 33101:2000 mesh. This method determines the cut point of single layer ASTM screen mesh size. For shaker screen mesh, normally means the surface screen mesh size. Whilst the shaker screen is usually a composition of 2 or 3 layers, the cut point of the first layer mesh is not equal to the final shaker screen cut point.

API is short for American Petroleum Institute, "API Number" is determined by API RP13C or ISO13501, the cut point is related to the combined 3-layer wire mesh test result. So before order, we will need API number, or the cut point, to define a more proper shaker screen configuration.

DECLARATION

ZhongHan declares: ZhongHan company only manufacture the replacement shaker screens not original screens

■ NOV-Brandt, King Cobra, Hybird are all NOV-Brandt company

- All listed items are right fit replancement shaker screen not originally made by NOV Brandt.
- All concerned marks are reserved by the original manufacture and company.