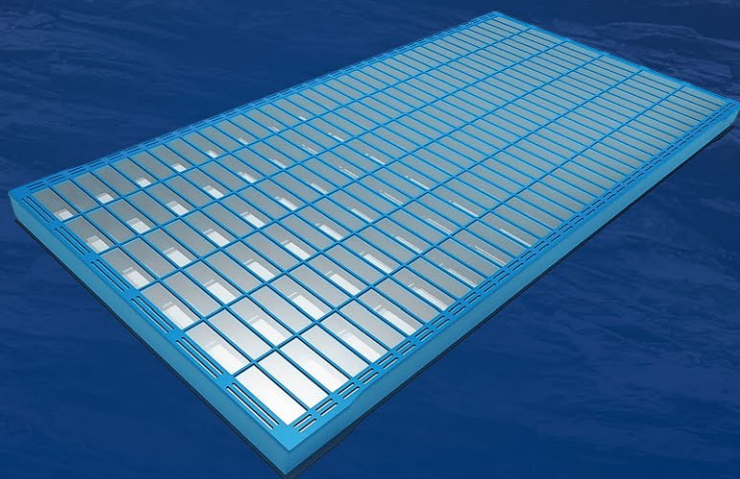


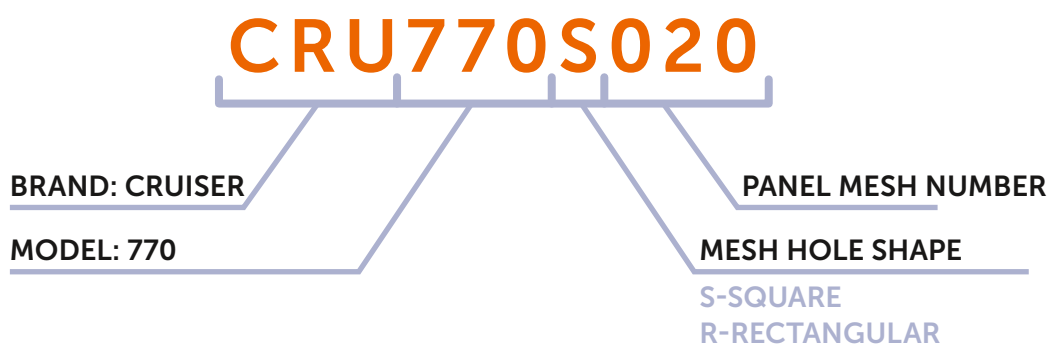


NEFTEKAMSK MACHINERY PLANT
OF SPECIAL EQUIPMENT



SCREEN PANELS FOR SHALE SHAKERS

CRUISER MK 770



OPERATING PRINCIPLE

Screen panels are designed to be installed on shale shakers used to clean the drilling mud from cuttings when drilling oil and gas wells.

NKMZ-ST, Ltd. produces screen panels with a wide range of mesh numbers for shale shakers of its own production, CRUISER brand, and compatible with the MI SWACO shale shakers. The production of screen panels is carried out on specialized equipment that provides the specified quality and required performance.

DESIGN

CRUISER MK 770 model screen panel for shale shakers CRUISER, ZS/Z-4, MONGOOSE/MEERKAT brands is a

metal frame covered with a composite material. The mesh cloth is based on foreign mesh made of stainless steel SS 316L. In the production of screen panels, a four-sided tension of the screen cloth is used, which significantly increases the service life of the panel.

COMPLETING UNITS

The panels are equipped with two or three layers of metal mesh with square or rectangular shapes of apertures, the combination of which provides more economical and high-quality cleaning of the drilling mud.

The cellular structure of the panel divides the screen cloth into separate sections to prevent damage from spreading. To extend the life of the screen panels, it is possible to use repair plugs to isolate damaged cells.

SCREEN PANELS FOR SHALE SHAKERS

CRUISER MK 770



SCREEN PANELS LINE

Nº	NKMZ-ST description	Mi Swaco analogue	d100, micron	Mesh	API	Aperture shape	Conductance, kD/mm	Non-blanked area, sq.m
1	CRU770S020	-	849	20	20	Square	12.54	0.49
2	CRU770S024	JMONXL024C	910	24	20	Square	12.3	0.49
3	CRU770S038	JMONXL038C	550	38	30	Square	12.72	0.49
4	CRU770S040	-	550	40	30	Square	12.72	0.49
5	CRU770S050	JMONXL050C	398	50	40	Square	8.81	0.49
6	CRU770S060	-	323	60	50	Square	6.73	0.49
7	CRU770R020	-	1348	20	14	Rectangular	15.48	0.49
8	CRU770R024	-	1348	24	14	Rectangular	15.48	0.49
9	CRU770R038	-	873	38	20	Rectangular	15.8	0.49
10	CRU770R040	-	873	40	20	Rectangular	15.8	0.49
11	CRU770R050	-	632	50	30	Rectangular	11.28	0.49
12	CRU770R060	-	513	60	35	Rectangular	9.55	0.49
13	CRU770R070	-	413	70	40	Rectangular	5.05	0.49
14	CRU770R080	-	370	80	45	Rectangular	5.07	0.49
15	CRU770R084	JMONXR084C	365	84	45	Rectangular	5.32	0.49
16	CRU770R100	-	300	100	50	Rectangular	4.95	0.49
17	CRU770R105	JMONXR105C	264	105	60	Rectangular	4.27	0.49
18	CRU770R110	-	264	110	60	Rectangular	4.27	0.49
19	CRU770R120	JMONXR120C	246	120	60	Rectangular	4.14	0.49
20	CRU770R140	-	216	140	70	Rectangular	3.96	0.49
21	CRU770R160	-	157	160	100	Rectangular	2.09	0.49
22	CRU770R165	JMONXR165C	157	165	100	Rectangular	2.09	0.49
23	CRU770R170	-	157	170	100	Rectangular	2.09	0.49
24	CRU770R180	-	144	180	100	Rectangular	1.98	0.49
25	CRU770R200	-	125	200	120	Rectangular	1.69	0.49
26	CRU770R210	-	121	210	120	Rectangular	1.6	0.49
27	CRU770R230	JMONXR230C	111	230	140	Rectangular	1.55	0.49
28	CRU770R250	-	95	250	170	Rectangular	1.17	0.49
29	CRU770R260	-	92	260	170	Rectangular	1.15	0.49
30	CRU770R270	JMONXR270C	89	270	170	Rectangular	1.1	0.49
31	CRU770R320	JMONXR320C	78	320	200	Rectangular	1.04	0.49
32	CRU770R325	JMONXR325C	67	325	230	Rectangular	0.71	0.49

In connection with continuous centrifuge improvement work in order to increase reliability and performance, changes may be made to the design that are not stated in this description.



Manufacturer: NKMZ-ST, Ltd.

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