Unit No. PP-71B

IKM Testing AS

AXON SPS 1400 CC-2
TRIPLEX PUMP UNIT
Must be used with PP-70A

Offshore Zone 2
Acc. to DNV 2.7.1 and Norsok Z-015

ATEX II 3G IIA T3

Dimension	:	L: 2991 mm	W: 2438 mm	H: 2896 mm
Weight	:	MGW 13000 kg		
Lifting/Transportation	:	10’ Offshore ISO container with forklift pockets and lifting slings. Can be stacked in height with use of ISO locks.		

P max	:	525 Bar
Q max	:	3600 l/min
Connection in	:	6” 150 Ansi via integrated feed pump or external feeder minimum 3.5 bar at full flow on triplex pump
Connection out	:	2 x 3" Fig 1502 Female. See table for singel or double expiration.

Pump	:	Gardner Denver GD-2250 Triplex pump Standard Plunger 6", other sizes on request.
Power End S/N	:	9560-83
Fluid End S/N	:	GO40184
Other information	:	Dieseltank 1200L The pump must be used with PP- 70-75A Hydraulically integrated feed pump. Two-piece unit, where A and B parts are connected via drive shaft, hydraulics and diesel hoses.
Built	:	2013/18

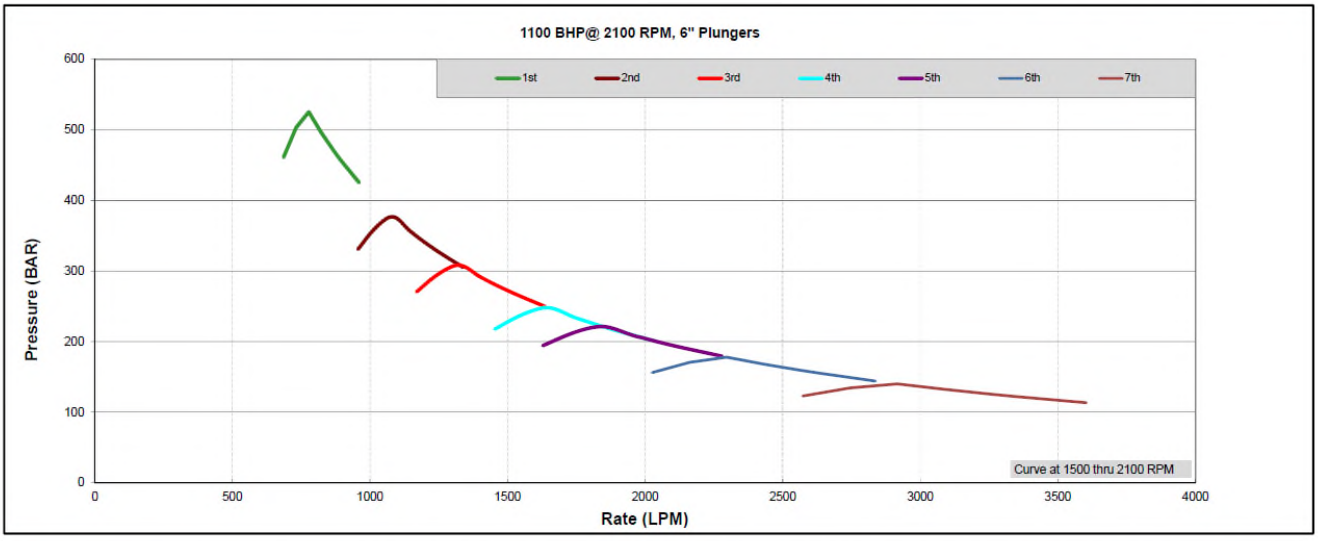
Table 2: GD-2250T Discharge Flange Configuration Options

plunger size (in)	100 rpm				150 rpm				200 rpm				250 rpm				330 rpm			
	2" Flange		3" Flange		2" Flange		3" Flange		2" Flange		3" Flange		2" Flange		3" Flange		2" Flange		3" Flange	
	SD	DD	SD	DD	SD	DD	SD	DD	SD	DD	SD	DD	SD	DD	SD	DD	SD	DD	SD	DD
3.75	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓
4.5	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓
5	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓			✓	✓
5.5	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓			✓	✓				✓
6		✓	✓	✓		✓	✓	✓			✓	✓				✓				✓
6.5		✓	✓	✓		✓	✓	✓				✓				✓				✓
6.75		✓	✓	✓		✓	✓	✓				✓				✓				✓
7.5			✓	✓			✓	✓			✓	✓				✓				✓

Caterpillar C-32 Rated at 1100 BHP@2100 RPM.

Engine RPM	BHP	HHP	7th Rate (LPM)	7th Pressure (BAR)	6th Rate (LPM)	6th Pressure (BAR)	5th Rate (LPM)	5th Pressure (BAR)	4th Rate (LPM)	4th Pressure (BAR)	3rd Rate (LPM)	3rd Pressure (BAR)	2nd Rate (LPM)	2nd Pressure (BAR)	1st Rate (LPM)	1st Pressure (BAR)
2100	1100	913	3602	113	2836	144	2280	179	2035	201	1637	249	1339	305	961	425
1950	1100	913	3345	122	2634	155	2117	193	1890	216	1520	269	1243	329	892	458
1900	1100	913	3259	125	2566	159	2063	198	1841	222	1481	276	1212	337	869	470
1800	1100	913	3088	132	2431	168	1954	209	1744	234	1403	291	1148	356	823	496
1700	1100	913	2916	140	2296	178	1846	221	1648	248	1325	308	1084	377	778	525
1600	992	823	2745	134	2161	170	1737	212	1551	238	1248	295	1020	361	732	503
1500	852	707	2573	123	2026	156	1628	194	1454	218	1170	271	957	331	686	461
1400	716	594	2401	111	1891	141	1520	175	1357	196	1092	244	893	298	640	415
1300	624	518	2230	104	1756	132	1411	164	1260	184	1014	229	829	280	595	390
1200	624	518	2058	113	1621	143	1303	178	1163	199	936	248	765	303	549	422

Transmission lock up



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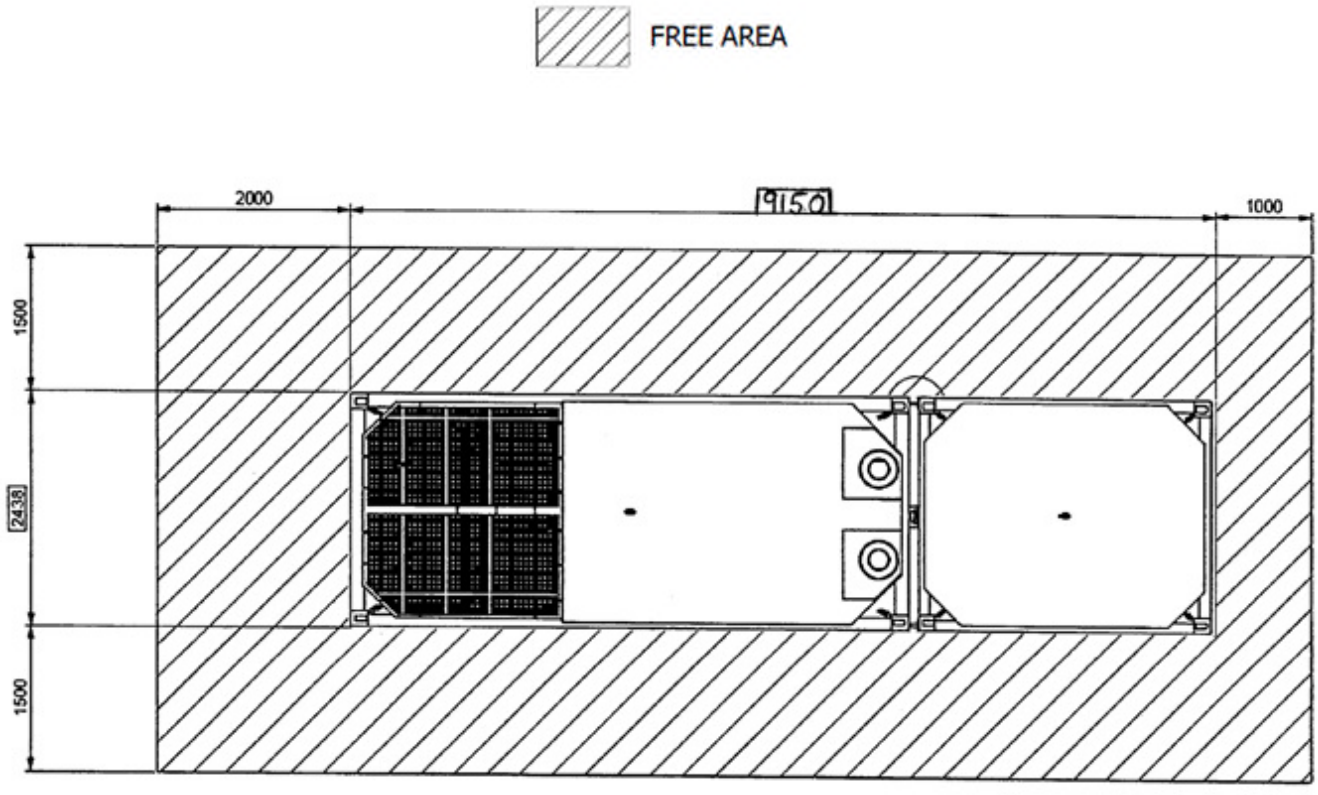
Limitations.

80% load is 960 HHP@ 2100 rpm, can be used for 50% of the duty cycle or 6 out of every 12 hours.
70% load is 840 HHP @ 2100 rpm. Operation below this can be used cyclic continuous.
100% load is 1150 HHP @ 2100 rpm, Can be used for maximum one hour. The following hour has to be below 70% (840 HHP @ 2100 rpm)

If the speed is lowered to 1800 rpm, the full load is lowered to 1040 HHP.

80% load is 830 HHP@ 1800 rpm.
70% load is 730 HHP @ 1800 rpm.
If these limits are exceeded there will be limited warrant.

For further information please contact Maintenance Diesel Department.

Necessary connection space for A + B part