

Product Data Sheet

X-Mas Tree Overhead Crane

			REFERENCE G4739	REFERENCE DESCRIPTION X-Mas Tree Overhead Crane
ADDITIONAL CODE	SDRL CODE D01	TOTAL PGS 3	<p>This document contains proprietary and confidential information which belongs to National Oilwell Varco; it is loaned for limited purposes only and remains the property of National Oilwell Varco. Reproduction, in whole or in part; or use of this design or distribution of this information to others is not permitted without the express written consent of National Oilwell Varco. This document is to be returned to National Oilwell Varco upon request and in any event upon completion of the use for which it was loaned. © Copyright National Oilwell Varco - 2013</p> <p>National Oilwell Varco Norway AS Postbox 401, Lundsiden N-4604 Kristiansand Norway</p>	
REMARKS				
MAIN TAG NUMBER		DISCIPLINE		
CLIENT PO NUMBER				
CLIENT DOCUMENT NUMBER			DOCUMENT NUMBER G4739-Z-DS-001	REV 0



REVISION HISTORY

Rev	Date (dd.mm.yyyy)	Reason for issue	Prepared	Checked	Approved
0	21.02.2013	For Information	TYEL	BJVI	MAGP

CHANGE DESCRIPTION

Revision Change description
0

DESIGN DATA		
1. Service		BOP Handling
2. Area classification		Non Hazardous zone
3. Design standards		FEM, Eurocode 3
4. Rules and regulations		IMO
5. Environmental loads		See customer given specification
6. Environment		Ambient and highly saliferous
7. Design temperature		-10 / + 45 °C
8. Operating temperature		-10 / + 45 °C
9. Safety Devices		Emergency stop
10. SWL	Kg	2 x 50 000
11. Weight, operating (estimated)	kg	65 000 (including support frame) Approx
12. Railspan	mm	7360
13. Long Travel distance	mm	7700
14. Block travel	mm	20 000
15. Block lifting speed	m/min	0-4 (full load)
16. Equipment shipment size (L x W x H)	mm	8800x4200x4300 (approx. for main beam on frame)
17. UTILITY CONSUMPTIONS		
18. Hydr. flow rate	l/min.	420
19. Working pressure	barg.	207
20. CONSTRUCTION		
21. Code		ABS Main Class 2011
22. Certifying authority		ABS
23. Survey/Review		None
24. MANUFACTURER MAIN ITEMS		
25. Pipes / Fittings		Acc.to NOV doc. G4700-L-SA-001
26. Hoses		Acc.to NOV doc G4700-L-SA-001
27. SURFACE PROTECTION		
28. Sandblasting		SA 2½ (ISO 8501-1) System No 1
29. Paint Specification and System No.		Grade medium G 50-85µm (ISO 8503) System No1
30. Top Coat Colour		Yellow Ral 1006
31. LUBRICATION/HYDRAULIC FLUID		
32. Grease type		Texaco Multifac EP2 or similar
33. Hydr. Oil type		ISO grade HV. DIN.51524 Part 3 Class HVLP Viscosity : 16 – 32mm ² /s Oil temp.Min.+30 Max. +60 degree Celsius.
34. Cleanliness requirement		ISO 4406:99 class 17/15/12
35. INSPECTION AND TESTING		
36. Factory Acceptance Test		See document No. : G4739-Z-KA-001
37.		
38. DRAWING REFERENCES		
39. General Arrangement		G4739-D1256G0001 / G0003
40. Hydraulic Flow Diagram		G4739-D1256-H0001 / H0002
41. Foundation drawing		G4739-D1256-G0002
42. Electrical Block Diagram		G4739-D1256-E0001