

Test report according to EN 10204-3.1



As part of the Danhydra quality assurance program, this measurement protocol was produced for the following product during final testing:

Tool no:	<u>10100538, B7102</u>	Piston area:	<u>14966 mm²</u>	DH no:	<u>DH00001</u>
Serial no:	<u>NA</u>	Thread size:	<u>M64x6</u>	Pressure Time:	<u>40s</u>

Measuring point	Hydraulic-pressure [bar]	Force sequence			
		Theoretical force [kN]	Measured force [kN]	Differential force [kN]	Difference [%]
1	0	0,0	0,0	0,0	0,00
32	50	74,8	99,9	25,1	25,10
33	100	149,7	176,1	26,4	15,00
34	150	224,5	244,4	19,9	8,10
35	200	299,3	322,3	23,0	7,10
36	250	374,2	392,6	18,4	4,70
37	300	449,0	473,3	24,3	5,10
38	350	523,8	547,0	23,2	4,20
39	400	598,6	620,7	22,1	3,60
40	450	673,5	693,8	20,3	2,90
41	500	748,3	771,3	23,0	3,00
42	550	823,1	841,2	18,1	2,20
43	600	898,0	918,7	20,7	2,30
44	650	972,8	990,4	17,6	1,80
45	700	1047,6	1060,8	13,2	1,20
46	750	1122,4	1137,8	15,4	1,40
47	800	1197,3	1210,2	12,9	1,10
48	850	1272,1	1284,0	11,9	0,90
49	900	1346,9	1364,9	18,0	1,30
50	950	1421,8	1433,0	11,2	0,80
51	1000	1496,6	1508,0	11,4	0,80
52	1050	1571,4	1577,8	6,4	0,40
53	1100	1646,3	1656,9	10,6	0,60
54	1150	1721,1	1728,1	7,0	0,40
55	1200	1795,9	1811,6	15,7	0,90
56	1250	1870,8	1878,4	7,6	0,40
57	1300	1945,6	1956,4	10,8	0,60
58	1350	2020,4	2029,6	9,2	0,50
59	1400	2095,2	2104,8	9,6	0,50
60	1450	2170,1	2177,6	7,5	0,30
61	1500	2244,9	2259,0	14,1	0,60
	1500	2244,9	2259,0	14,1	0,60

As part of the Danhydra quality assurance program, this measurement protocol was produced for the above mentioned product during final testing:

It is hereby confirmed that delivery will correspond to the agreements made in the order acknowledgement. The product is approved for intended use.

Indicated tensioning force is to be reduced by restaring force of spring depending on cylinder stroke as shown in the spring-force diagram(s. PB7102).

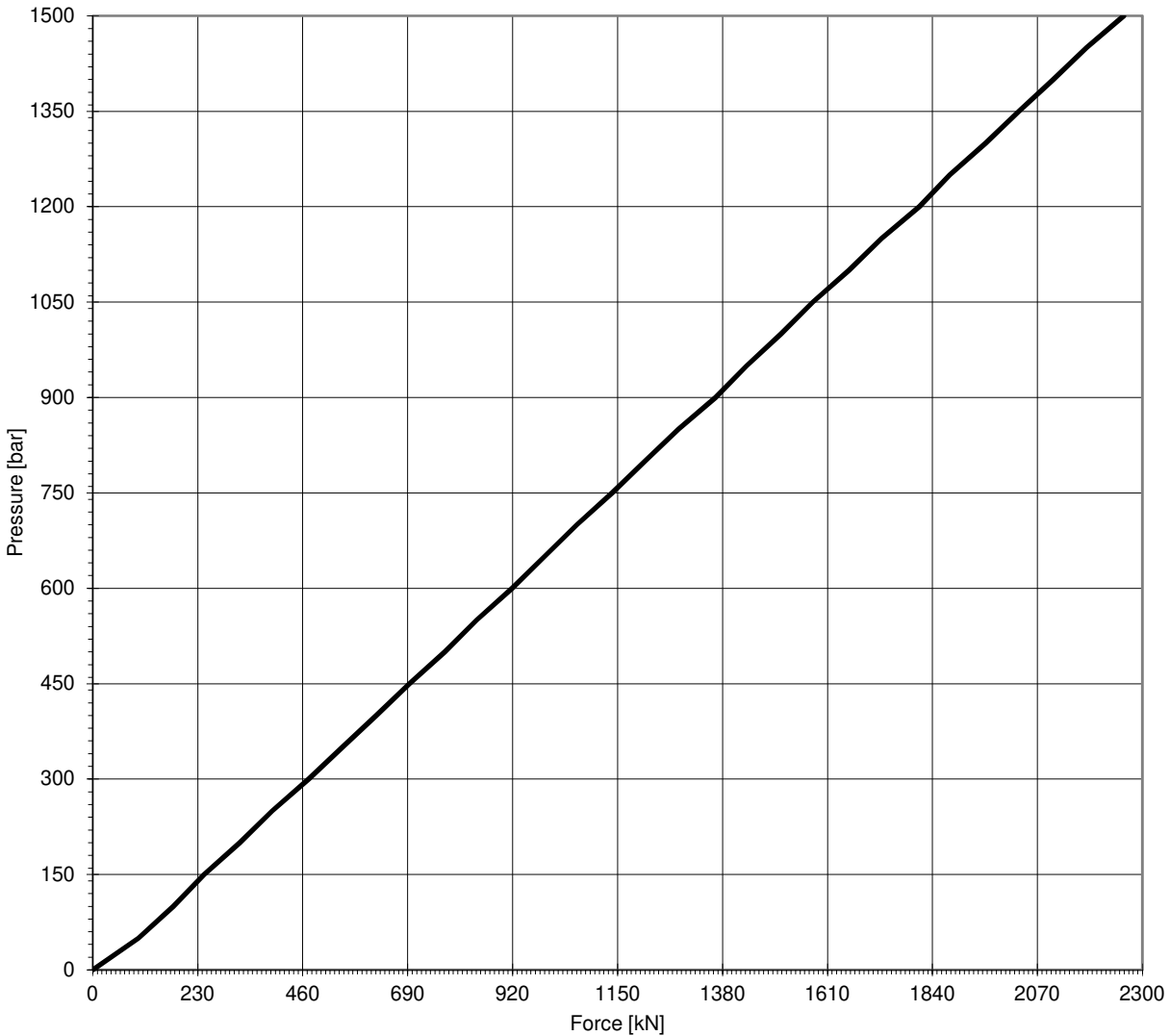
Date:	<u>06/10/2017 09:59</u>	Carried out by:	<u>Dirk Rieger</u>	Signature:
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As part of the Danhydra quality assurance program, this measurement protocol was produced for the following product during final testing:

Tool no:	<u>10100538, B7102</u>	Piston area:	<u>14966 mm²</u>	DH no:	<u>DH00001</u>
Serial no:	<u>NA</u>	Thread size:	<u>M64x6</u>		



As part of the Danhydra quality assurance program, this measurement protocol was produced for the above mentioned product during final testing:

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Indicated tensioning force is to be reduced by restaring force of spring depending on cylinder stroke as shown in the spring-force diagram(s. PB7102).

Date:	<u>06/10/2017 09:59</u>	Carried out by:	<u>Dirk Rieger</u>	Signature:	
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Protocol is created with Danhydra Test Bench Software Version 1.2