

.....

NH 55



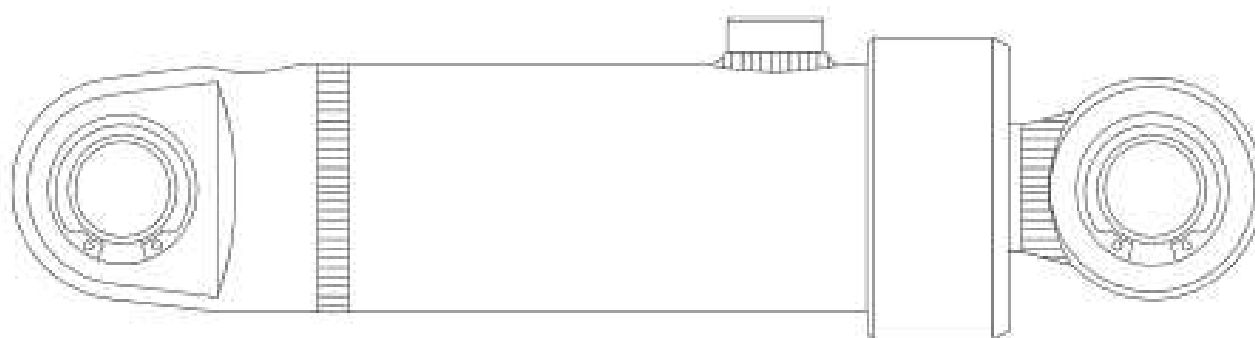


Oversichtsblad / Übersicht / Design features

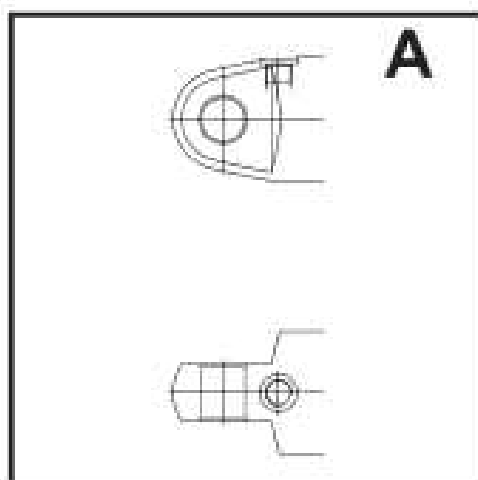
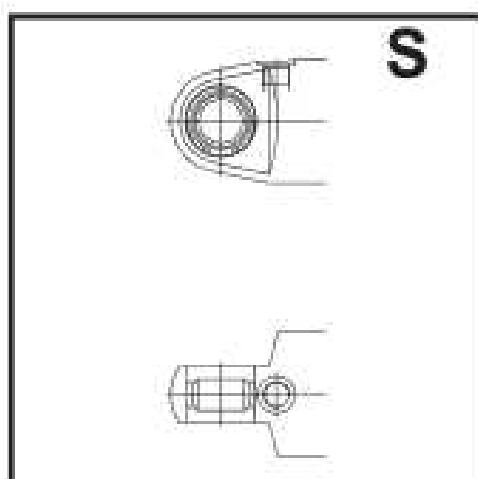
for NH 54/55 cylinder

für NH 54/55 Zylinder

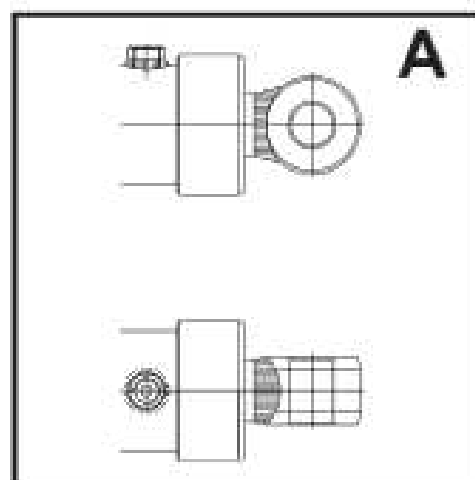
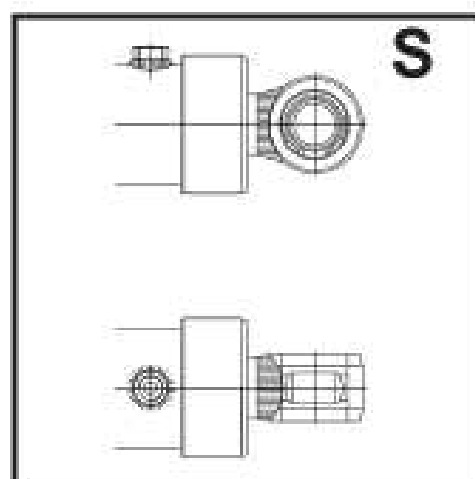
for NH 54/55 cylinder



* Grundtyper/
Zylinderbefestigung/
Basic types



Stempelstangsophæng/
Kolbenstangenbefestigung/
Piston rod mounting



LJM

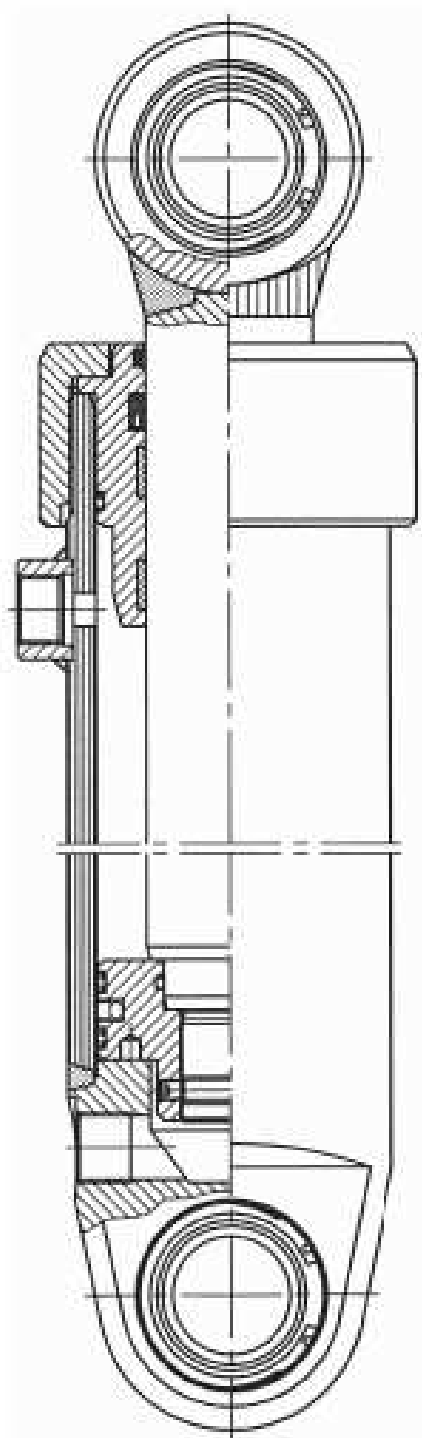
Hydraulik

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Technical specifications

NH55 For water



General:

NH 55 is a double acting stainless acidproof steel hydraulic cylinder.

Bore from $\varnothing 25$ - $\varnothing 160$ mm.

Construction:

(See sketch).

Cylinder tube:

Stainless acidproof steel tube.

Inner surface Ra max. $0.4 \mu\text{m}$.

With tolerance H9.

Piston rod:

Centerless ground stainless acidproof steel, with is hard-chrome plated min. $20 \mu\text{m}$.

Hardness: min. 850 HV.

Ra: max. $0.3 \mu\text{m}$.

External tolerance h9.

Seals:

LJM standard seals for water.

Mountings:

A Fixed eyes at both ends.

S Spherical eyes at both ends.

G Thread.

Connections:

Cylindrical BSP thread, threaded length corresponding to standard fittings.

Operation pressure:

Operation pressure: Max. 70 bar.

Piston velocity:

Max. piston velocity: 0,2 m/s.

Operating temperature:

Temperature range:

+ 1° C to + 50° C.

Pressure medium:

Water.

Test:

The cylinders are tested to 105 bar.

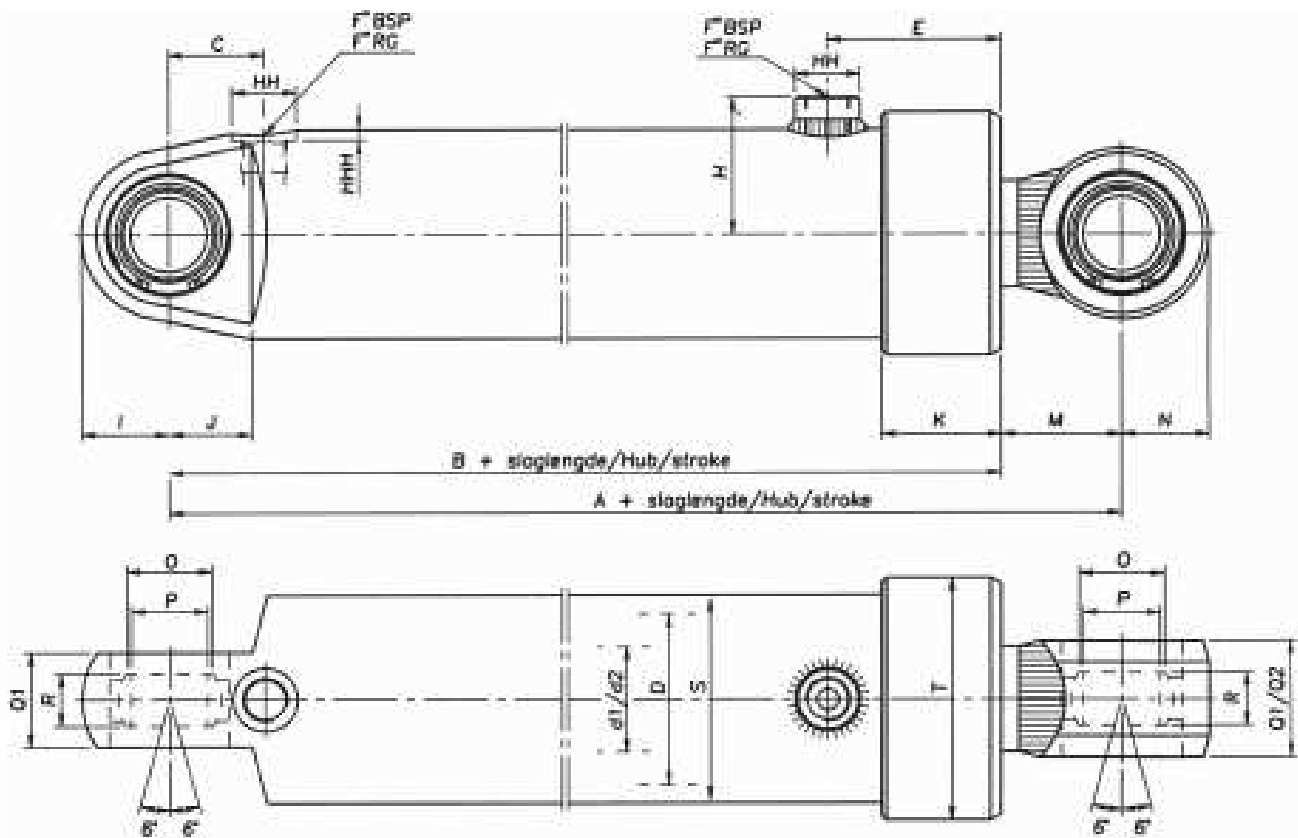
Order code:

See specification form 12.



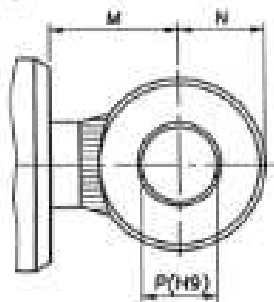


Målskitse / Maßblatt / Dimension sketch NH54/55-S

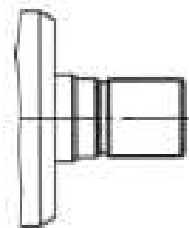
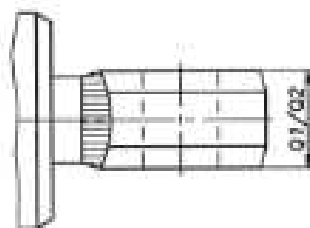
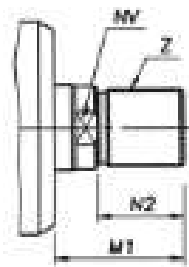


Stempelstangsophæng/Kolbenstangenbefestigung/Piston rod mounting

A



G





Målskema / Maßtabelle / Dimension table

NH54/55-S

Index \ D	25	32	40	50	63	80	100	125	140	160
A	170	170	185	205	225	240	280	320	400	450
B	137,5	135	140	165,5	180	185	205	235	300	335
d1/d2	12/16	16/20	20/25	25/35	30/40	40/50	50/65	65/80	70/90	80/100
C	30	27	31	42,5	40	44	45	78	81	88
E	48	46,5	54,5	66,5	74	80	84,5	90	112	140
F	1/4"	1/4"	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"	1"	1"
H	30	34	40	47	54	64	81	95	111	122
HH	20	20	25	25	30	30	40	40	50	50
I	17,5	20	25	30	35	40	52	65	77,5	85
J	15	20	25	25	30	38	48	55	75	80
K	33	33	37	47,5	45	55	60	63	75	82
M	32,5	35	45	39,5	45	55	75	85	100	115
M1	35	35	45	39,5	45	55	75	85	100	115
N	17,5	20	25	30	35	40	50	65	80	85
N2	24	24	25	30	35	40	50	65	75	85
O	15	18	24	29	34	39	50	66	77	77
P	12	15	20	25	30	35	45	60	70	70
Q1/Q2	15/20	20/25	25/30	30/40	35/45	45/55	55/70	70/85	75/95	85/105
R	10	12	16	20	22	25	32	44	49	49
S	33	41	51	65	78	98	122	152	170	193
T	41	52	61	80	95	114	137	172	188	221
Z	M12x1,25	M14x2	M16x2	M22x2	M24x2	M36x2	M42x2	M52x2	M56x2	M70x2
NV	10/13	13/17	17/19	22/27	24/32	36/42	46/50	55/60	60/80	70/90
HHH	2,7	2,7	2,5	2,1	2,5	2,5	3	3	3,5	3,5

Alle angabe mit er i (mm). Ret til ændringer forbeholdes.

Alle angegebenen Maße sind in (mm). Wir behalten uns das Recht auf Änderungen vor.

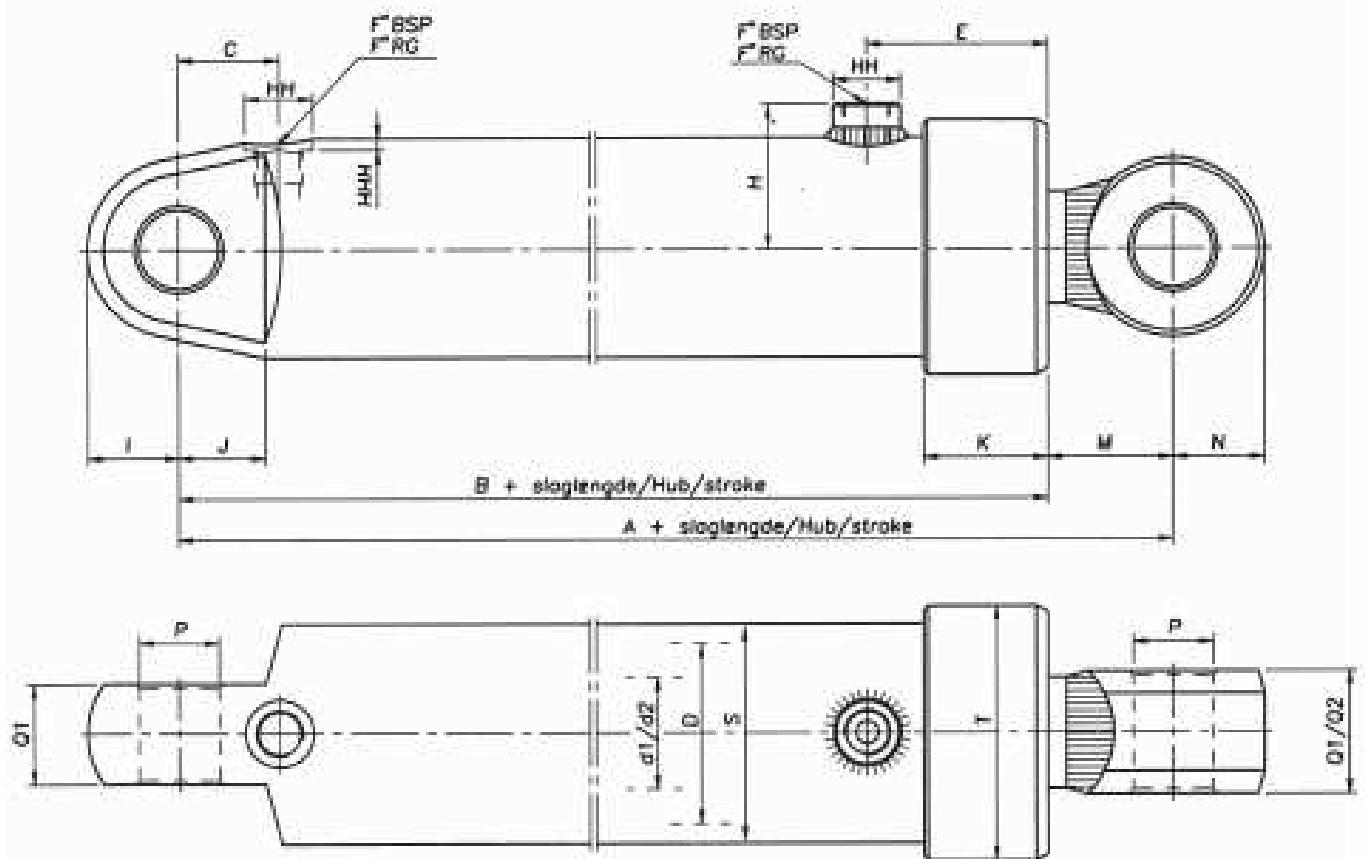
Unless otherwise specified, all dimensions are in (mm). Rights to alterations reserved.



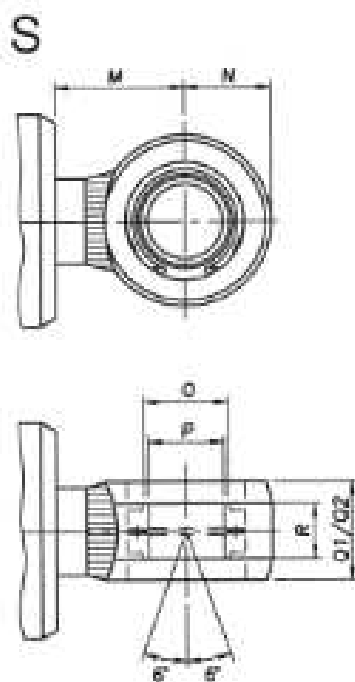


Målskitse / Maßblatt / Dimension sketch

NH54/55-A



Stempelstangsophæng/Kolbenstangenbefestigung/Piston rod mounting



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Målskema / Maßtabelle / Dimension table

NH54/55-A

Index \ D	25	32	40	50	63	80	100	125	140	160
A	170	170	185	205	225	240	280	320	400	450
B	137,5	135	140	165,5	180	185	205	235	300	335
d1/d2	12/16	16/20	20/25	25/35	30/40	40/50	50/65	65/80	70/90	80/100
C	30	27	31	42,5	40	44	45	78	81	88
E	48	46,5	54,5	66,5	74	80	84,5	90	112	140
F	1/4"	1/4"	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"	1"	1"
H	30	34	40	47	54	64	81	95	111	122
HH	20	20	25	25	30	30	40	40	50	50
I	17,5	20	25	30	35	40	52	65	77,5	85
J	15	20	25	25	30	38	48	55	75	80
K	33	33	37	47,5	45	55	60	63	75	92
M	32,5	35	45	39,5	45	55	75	85	100	115
M1	35	35	45	39,5	45	55	75	85	100	115
N	17,5	20	25	30	35	40	50	65	80	85
N2	24	24	25	30	35	40	50	65	75	85
O	15	18	24	29	34	39	50	66	77	77
P	12	15	20	25	30	35	45	60	70	70
Q1/Q2	15/20	20/25	25/30	30/40	35/45	45/55	55/70	70/85	75/95	85/105
R	10	12	16	20	22	25	32	44	49	49
S	33	41	51	65	78	98	122	152	170	193
T	41	52	61	80	95	114	137	172	188	221
Z	M12x1,25	M14x2	M16x2	M22x2	M24x2	M36x2	M42x2	M52x2	M56x2	M70x2
NV	10/13	13/17	17/19	22/27	24/32	36/42	46/50	55/60	60/80	70/90
HHH	2,7	2,7	2,5	2,1	2,5	2,5	3	3	3,5	3,5

Alle angelege Maße in (mm). Rest für Änderungen vorbehalten.

Alle angegebenen Maße sind in (mm). Wir behalten uns das Recht auf Änderungen vor.

Unless otherwise specified, all dimensions are in (mm). Rights to alterations reserved.





Specifikation form 12

Order code NH 54/55

Stainless steel hydraulik cylinder

NH 54 Oil
NH 55 Water **-X-X-D/d x L-X-X**

Model: _____

Basic types: _____

Blank: No mounting
S: Spherical bearing
C: Bottom flange
F: Front flange
V: Trunnion mounting

Function: _____

D: Double acting
E_c: Single acting, compressive
E_t: Single acting, tractive

Bore: _____

Piston rod diameter: _____

Stroke: _____

Digit: Length of spacer bush
Digit: in () = piston rod extension

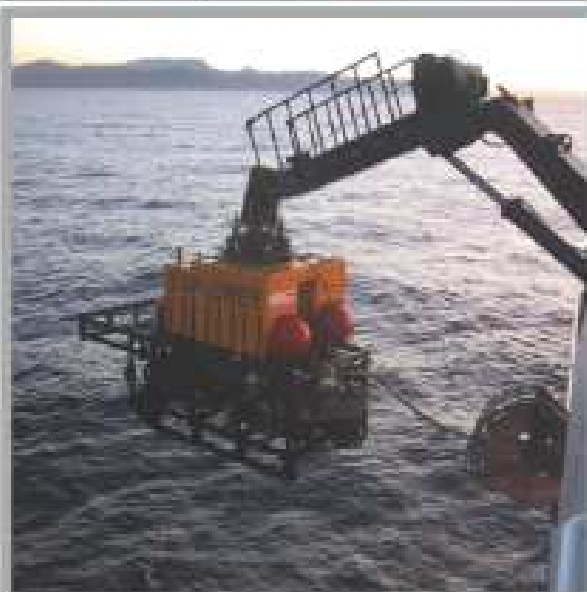
Piston rod mounting:
A: fixed bearing
S: spherical bearing





Anvendelse / Use / Anwendung

NH 46/47 + NH 54/55



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