

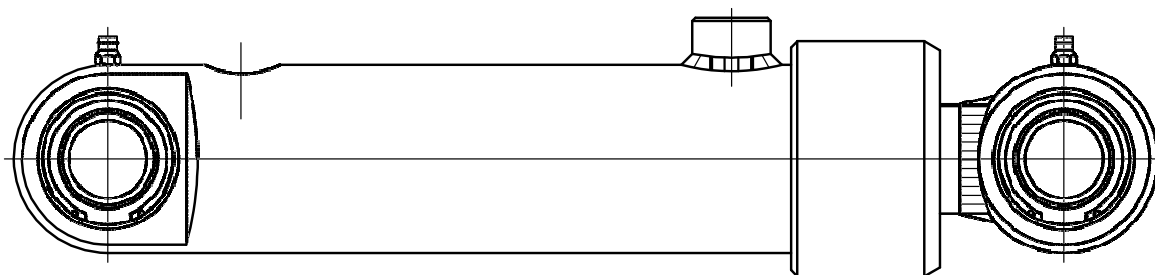


Oversichtsblad / Übersicht / Design features

for NH 25 cylinder

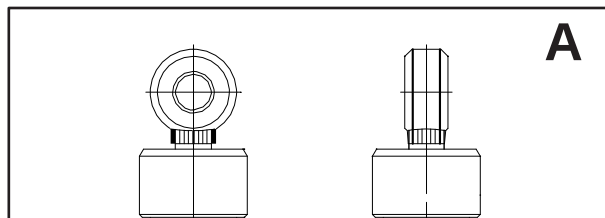
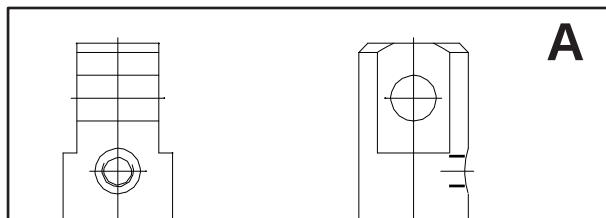
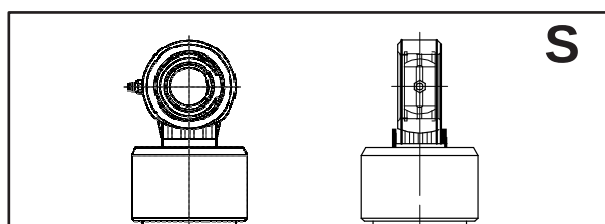
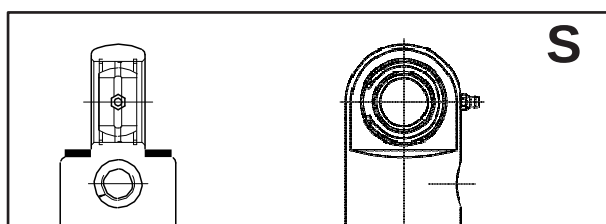
für NH 25 Zylinder

for NH 25 cylinder



* Grundtyper/
Zylinderbefestigung/
Basic types

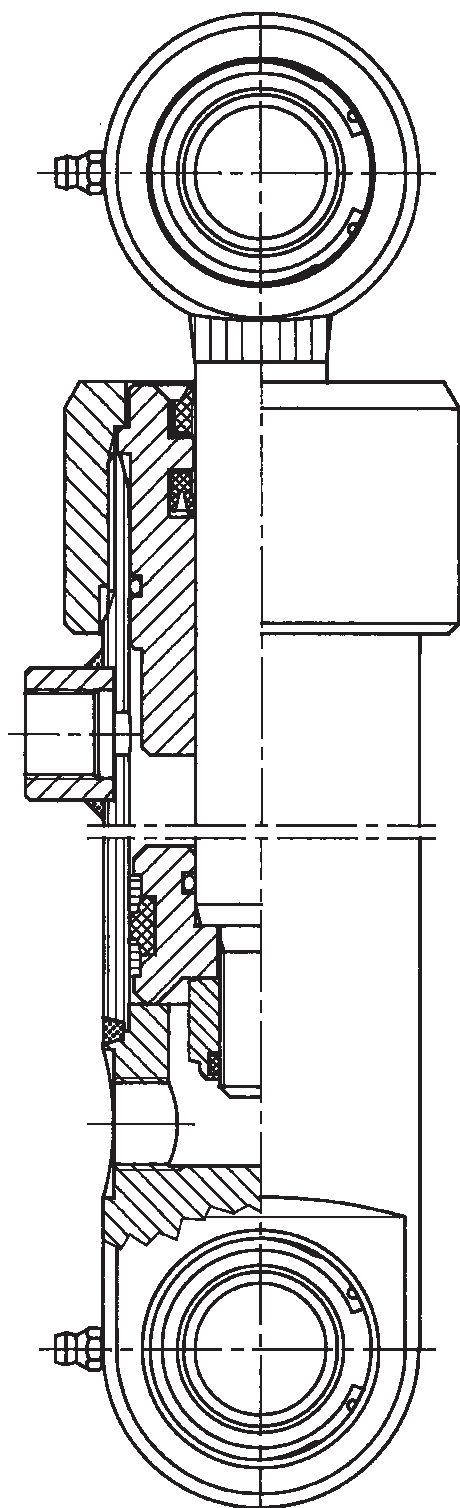
Stempelstangsophæng/
Kolbenstangenbefestigung/
Piston rod mounting





Technical specifications

NH25



General:

NH 25 is a double acting hydraulic cylinder.
Bore from Ø 40 - Ø 160 mm.

Construction:

(See sketch).

Cylinder Tube:

Steel tube.

Surface Ra max. 0,8 µm.

Internal tolerance H9.

Piston rod:

Centerless ground steel,
which is hard-chrome plated min. 20 µm.

Hardness: min. 850 HV.

Ra max. 0.3 µm.

External tolerance h9.

Seals:

(See seal guidance).

Mounting:

A Fixed eyes at both ends.

S Spherical eyes at both ends.

G Thread on rod only.

Connections:

Cylindrical BSP thread, threaded length
corresponding to standard fittings.

Operation pressure:

Operation pressure: max. 225 bar.

Piston velocity:

Max. piston velocity: 0,3 m/s.

Operating temperature:

Temperature range: -20°C to + 100°C.

Pressure medium:

Hydraulic oil on a mineral oil base.

Test:

The cylinders are tested according to spot test.

Order code:

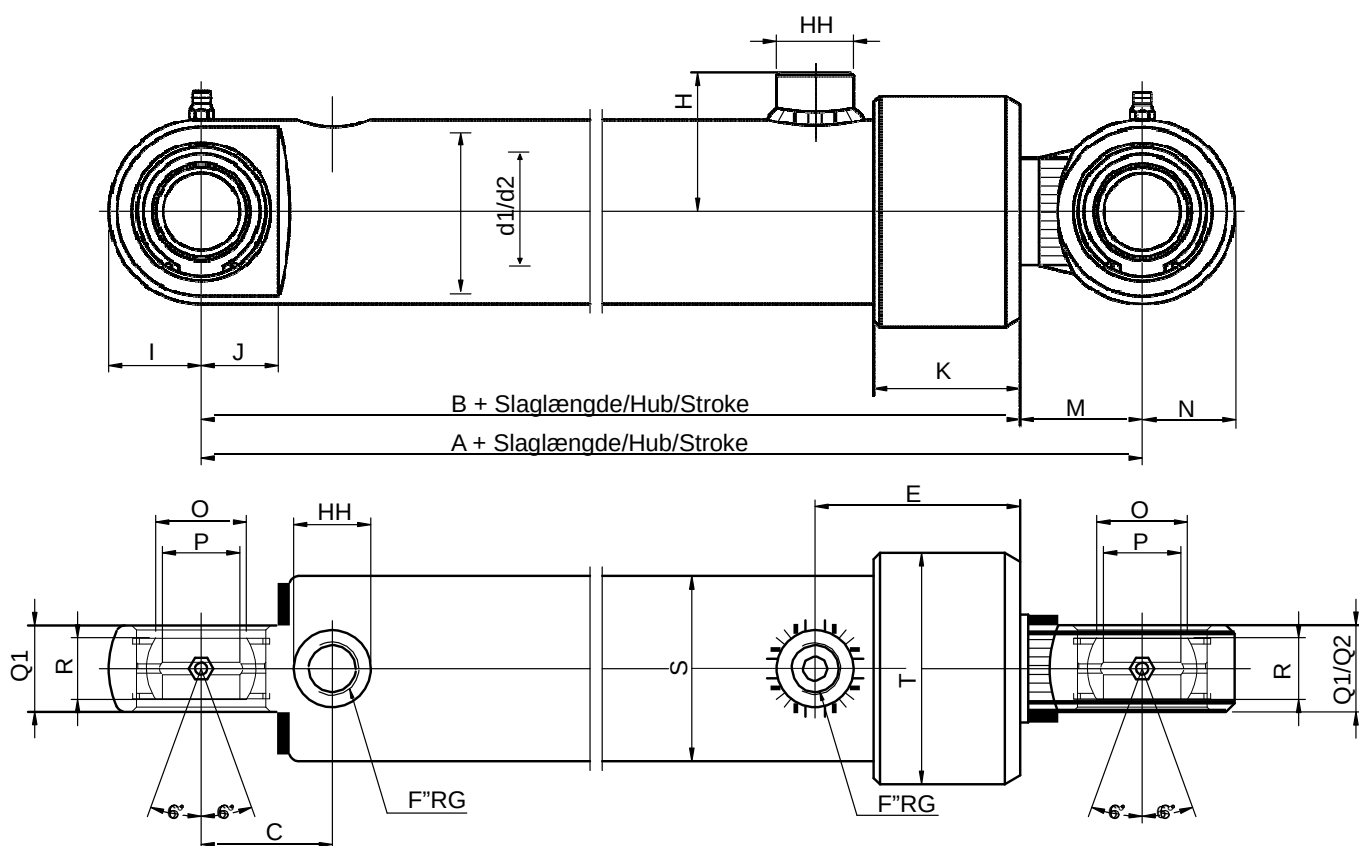
See specification form 9.





Målskitse/Maßblatt/Dimension sketch

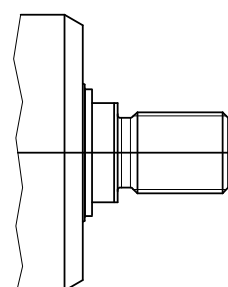
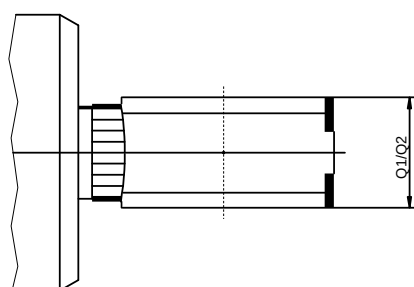
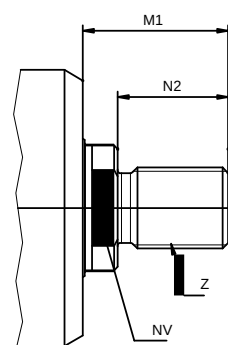
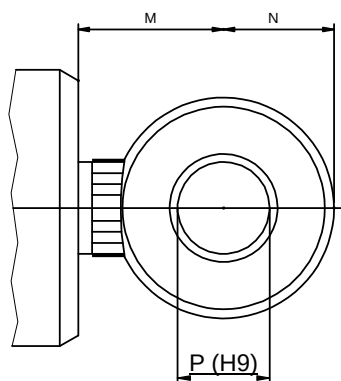
NH25-S



Stempelstangsophæng/Kolbenstangenbefestigung/Piston rod mounting

A

G





Målskema/Maßtabelle/Dimension table

NH25-S

Index \ D	40	50	63	80	100	125	140	160
A	185	205	225	240	280	320	400	450
B	140	165,5	180	185	205	235	300	335
d1 / d2	20 25	25 35	30 40	40 50	50 65	65 80	70 90	80 100
C	31	42,5	40	44	45	78	81	88
E	54,5	66,5	74	80	90	90	112	140
F	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"	1"	1"
H	40	45	51,5	60	77,5	89	106	116
HH	25	25	30	30	40	40	50	50
I	25	30	35	40	52	65	77,5	85
J	25	25	30	38	48	55	75	80
K	37	47,5	45	55	60	63	75	92
M	45	39,5	45	55	75	85	100	115
M1	45	39,5	45	55	75	85	100	115
N	25	30	35	40	50	65	80	85
N2	25	30	35	40	50	65	75	85
O	24	29	34	39	50	66	77	77
P	20	25	30	35	45	60	70	70
Q1 / Q2	25 30	* 30 40	35 45	45 55	55 70	70 85	75 95	85 105
R	16	20	22	25	32	44	49	49
S	50	60	73	90	115	140	160	180
T	60	75	90	106	126	158	178	208
Z	M16x2	M22x2	M24x2	M36x2	M42x2	M52x2	M56x2	M70x2
NV	17 19	22 27	24 32	36 42	46 50	55 60	60 80	70 90

Alle angivne mål er i (mm). Ret til ændringer forbeholdes. (*) På bundstykk Q1=28.

Alle angegebenen Maße sind in (mm). Wir behalten uns das Recht auf Änderungen vor. (*) Am Bodenstück Q1=28.

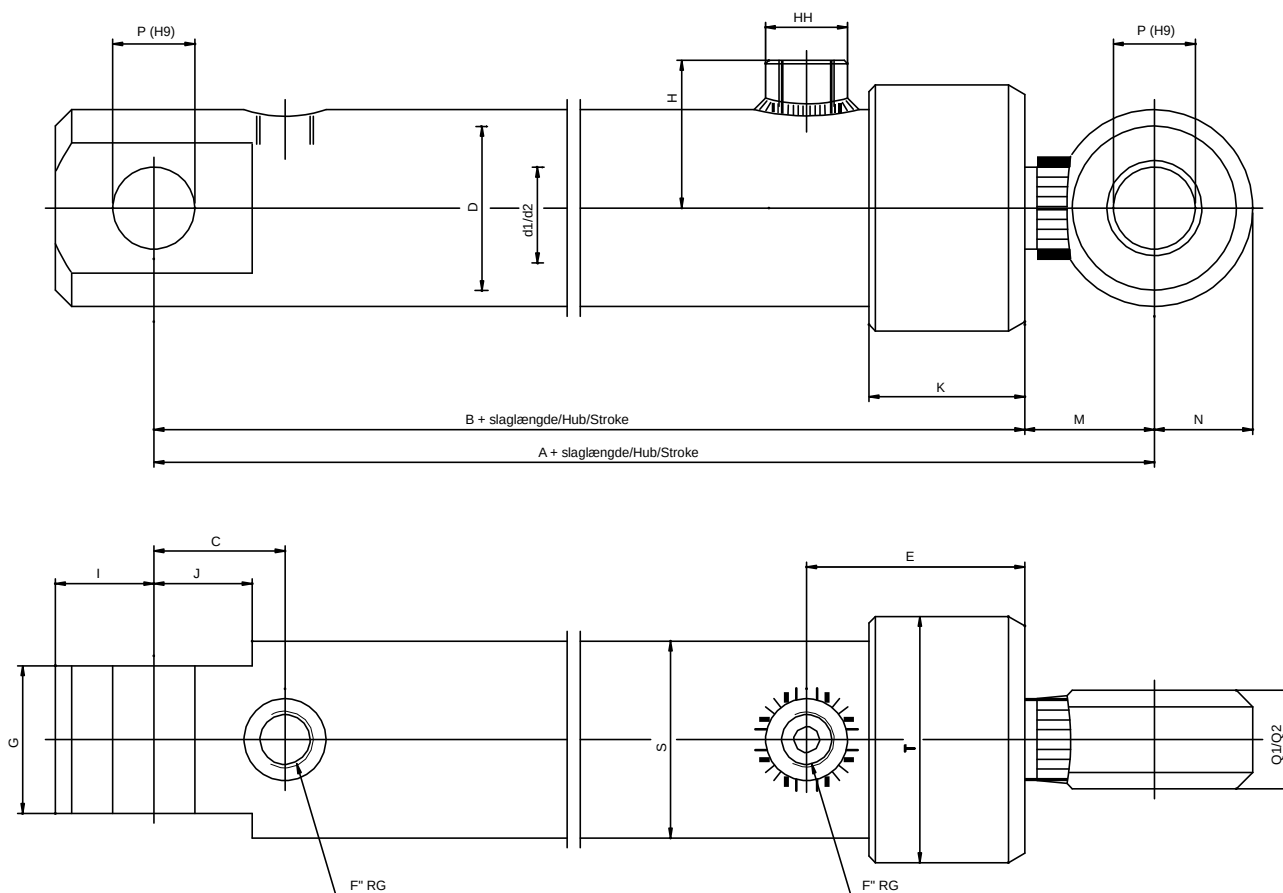
Unless otherwise specified, all dimensions are in (mm). Rights to alterations reserved. (*) On bottom Q1=28.



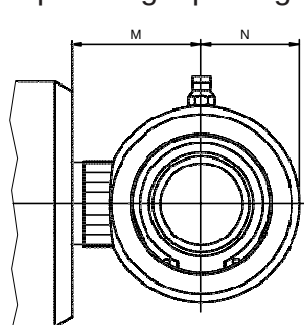


Målskitse/Maßblatt/Dimension sketch

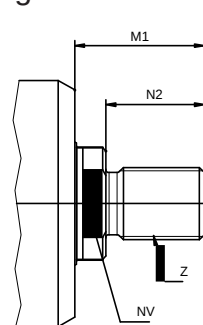
NH25-A



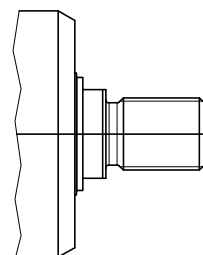
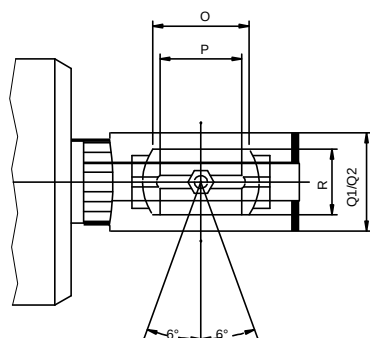
Stempelstangsophæng/Kolbenstangenbefestigung/Piston rod mounting



S



G



Hydraulik



Målskema/Maßtabelle/Dimension table

NH25-A

Index \ D	40	50	63	80	100	125	140	160
A	185	205	225	240	280	320	400	450
B	140	165,5	180	185	205	235	300	335
d1 / d2	20 25	25 35	30 40	40 50	50 65	65 80	70 90	80 100
C	32	40	41	43	48	70	81	91
E	54,5	66,5	74	80	90	90	112	140
F	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"	1"	1"
G	40	45	60	80	95	115	130	140
H	40	45	51,5	60	77,5	89	106	116
HH	25	25	30	30	40	40	50	50
I	20	30	30	35	40	65	75	80
J	20	30	30	35	40	65	75	80
K	37	47,5	45	55	60	63	75	92
M	45	39,5	45	55	75	85	100	115
M1	45	39,5	45	55	75	85	100	115
N	25	30	35	40	50	65	80	85
N2	25	30	35	40	50	65	75	85
P	20	25	30	35	45	60	70	70
Q1 / Q2	25 30	30 40	35 45	45 55	55 70	70 85	75 95	85 105
S	50	60	73	90	115	140	160	180
T	60	75	90	106	126	158	178	208
Z	M16x2	M22x2	M24x2	M36x2	M42x2	M52x2	M56x2	M70x2
NV	17 19	22 27	24 32	36 42	46 50	55 60	60 80	70 90

Alle angivne mål 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.





Specification form 9

Order code NH25

NH 25-X-X-D/d x L-X-X

Model: _____

Internalcode: _____

Basic types: _____

Blank: No mounting

A: Fixed bearing

S: Spherical bearing

Function: _____

D: Double acting

E₁: Single acting, compressive

E₂: Single acting, tractive

Bore: _____

Piston rod diameter: _____

Stroke: _____

e

Digit: Length of spacer bush

Digit: in () = Piston rod extension

Piston rod mounting:

A: Fixed bearing

S: Spherical bearing

G: Thread

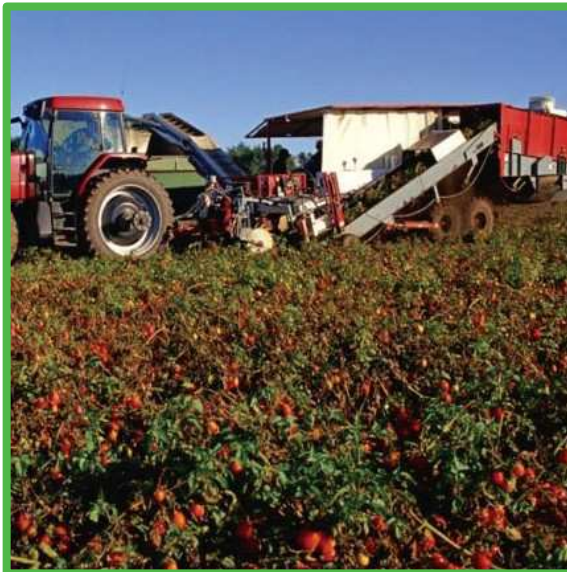
All measures in mm.





Anvendelse/Use/Anwendung

NH21 + NH25





Dutch Hydraulic Consultants	Tel. +31-(0)6-83695868
Achterweg ZZ 8	Mail info@dhc-hydraulic.nl
3216AB Abbenbroek	Web www.dhc-hydraulic.nl
Nederland	

