



Netti Dynamic System – Gas cylinder for FREE solution 2019

The following pages illustrates the different back support angles and how to adjust it when working with the new NDS-FREE gas cylinder.

A description on how to adjust the Free-gas cylinder is found under the individual chair models.

It contains also a short description of how to adjust the FREE-Gas cylinder at the front and back part of the frame for CED and BASE.

For Netti III and Netti Mobile it is only needed to adjust the Gas cylinder at the front part.



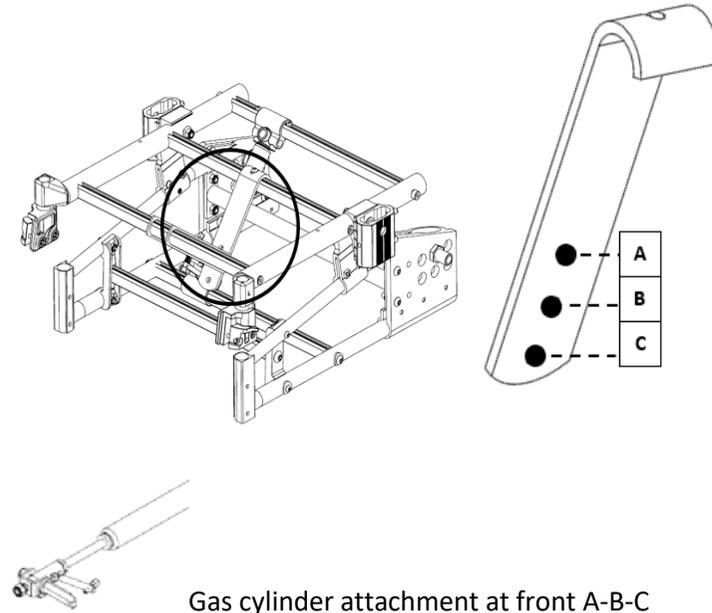
1. Netti III - Cylinder adjustment in the front of the chair
2. CED and BASE - Cylinder adjustment in the front and back of the chair -
3. Netti Mobile - Cylinder adjustment in the front of the chair

Be aware that a shorter seat depth requires a short NDS-Seat plate.

Here you have an overview of the new item numbers.

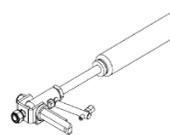
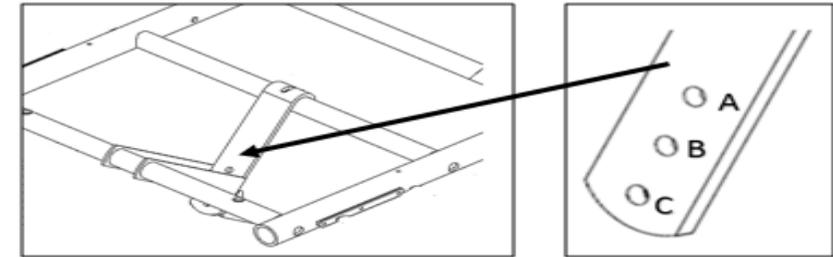
No.	Description	Description 2
85330	Cylinder	KONOK-3-90-290-0XX 200N
85331	Cylinder	KONOK-3-90-290-0XX 300N
85332	Cylinder	KONOK-3-90-290-0XX 400N
85333	Cylinder	KONOK-3-90-290-0XX 500N
85334	Cylinder	KONOK-3-90-290-0XX 600N
85335	Cylinder	KONOK-3-90-290-0XX 700N
85336	Cylinder	KONOK-3-90-290-0XX 800N
85337	Cylinder	KONOK-3-90-290-0XX 900N
85338	Cylinder	KONOK-3-90-290-0XX 1000N
85339	Cylinder	KONOK-3-90-290-0XX 1100N
85340	Cylinder	KONOK-3-90-290-0XX 1200N
85341	Cylinder	KONOK-3-90-290-0XX 1300N
89468	Back locking head	51 mm

Adjusted seat depth at back hinge	Adj. front attachment gas cylinder (A-B-C)	Cylinder head short – 38 mm item no. 20383	Cylinder head long – 96 mm item no. 21888	Starting angle	Ending angle
40	B	X		81°	110°
40	C	X		91°	120°
42,5	A	X		82°	111°
42,5	C		X	75°	104°
42,5	B	X		91°	120°
45	C		X	85°	114°
45	B		X	75°	104°
45	A	X		93°	122°
47,5	A		X	77°	116°
47,5	B		X	87°	126°
47,5	C		X	96°	125°
50	A		X	88°	117°
50	B		X	98°	127°

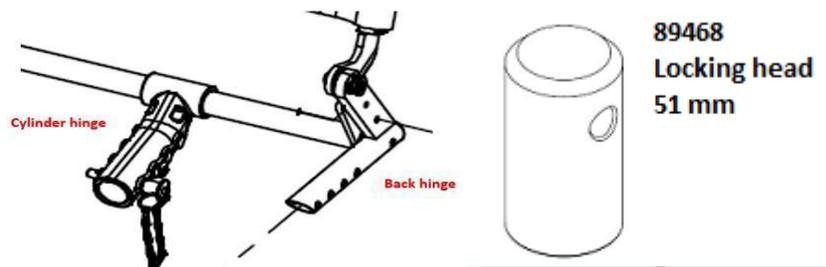


Instruction of this table		
Green = Standard adjustment for the chosen seat depth	Green line shows the standard setting.	<p>Short cylinder head - 38 mm</p> <p>Long cylinder head - 96 mm</p>
Yellow= Alternative adjustment with lower starting angle	Yellow line shows the alternative setting. This adjustment you can use if you need a more closed starting angle.	
Blue = Alternative adjustment with higher starting angle	The blue line shows the possibility to adjust the setting to a more open angle, which can be used for users having a locked hip joint.	

Adjusted set depth at back hinge	Front cylinder attachment must always be in hole B (see drawing)	Adjusted seat depth at cylinder hinge use 89468 Locking head 51 mm	Starting angle	Ending angle
42,5	B	42,5	88°	129°
42,5	B	45	76°	119°
45	B	45	88°	129°
45	B	47,5	76°	119°
45	B	42,5	96°	
47,5	B	47,5	88°	129°
47,5	B	50	76°	119°
47,5	B	45	98°	139°
50	B	50	88°	129°
50	B	47,5	98°	139°



Gas cylinder attachment at front (A-B-C)



89468 is required to be used together with the new gas cylinder
When working with a CED(S) SD37,5 to 45cm, you can follow same scheme

Using instruction for this scheme

Green = Standard adjustment for the chosen seat depth

Green line shows the standard setting when the adjustment of the cylinder hinge goes align with the adjustment of the back hinge. At the cylinder hinge you will find marks for the seat depth.

Yellow= Alternative adjustment with lower starting angle

Yellow line shows the alternative setting when the cylinder hinge is adjusted to the next higher seat depth. This adjustment you can use if you need a more closed starting angle.

Blue = Alternative adjustment with higher starting angle

The blue line shows the possibility to adjust the setting to a more open angle, which can be used for users having a locked hip joint. The cylinder hinge is adjusted to the next lower seat depth.

Seat depth in cm	Item 80172 - mounting direction	Position of 80172 at bracket at seat frame	Locking head medium - 82 mm - Item 23880	Starting angle	Angle range	Seat Type
40,00	opposite	C + D	23880	92°	40°	short
42,50	standard	E + F	23880	92°	40°	short
45,00	standard	D + E	23880	92°	40°	short
47,50	standard	C + D	23880	92°	40°	long
50,00	standard	B + C	23880	92°	40°	long

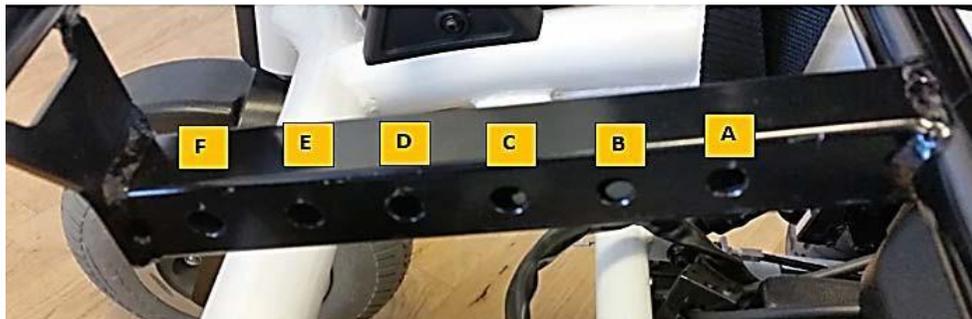
80172 - Standard mounting direction for SD 42,5 - 50,0 cm



80172 - **Opposite** mounting direction only for SD 40,0 cm



Holes A - F to position 80172 at seat frame bracket



A + B = 50,0 cm

B + C = 47,5 cm

C + D = 45,0 cm

D + E = 42,5 cm

E + F = 40,0 cm - only one SD with opposite mounted 80172