

RacloFlex™ N



RacloFlex™ N HD



10/2025

TECHNICAL DATA SHEET

Position	Secondary cleaner
1 or 2 ways working	2 ways
Maximum speed forward	- N: 3m/s - N HD: 5m/s
Maximum speed backward	- N: 2,5m/s - N HD: 3,5m/s
Blade type	Multi-blade independent scraper modules
Tension	Dual shore rubber block
Wear compensation	Manual blade adjustment
Pressure	Pushing screw
Blade fixing	Bolted
Mechanical splicing	Not recommended (tungsten carbide)
Tungsten carbide quality	Abrasion resistant = 93 HRA
Structure quality	Steel ST37 Zinc plated (optional stainless steel)
Shaft size	- N: Ø42,4 th.4 - N HD: 50x50 plain
Bolts quality	Stainless steel
Ambient temperature range	-10°C / +50°C
Product temperature range	0°C / +70°C
Don't use on oil, solvent or hydrocarbon (on standard)	

RacloFlex™

Spare parts
SPRF 180626 161 - EN

N

N°	Designation	Laterality	Quality	Variant(s)
111	Bloc N	NR	NR	121: Synthetic Rubber
112	Bloc N-Profile	NR	NR	122: Synthetic Rubber
133	Blade N - Tungsten 3mm		Tng3 + Galva. ST	134: Ing.Impact / 140: Alumina 141: SST only / 143: Tng3+SST
135	Blade N - Tungsten 5mm		Tng5 + Galva. ST	134: Ing.Impact / 140: Alumina 141: SST only / 145: Tng5+SST
136	Deflector N		PEHD	137: Flexible PEHD / 147: SST
311	Tube Support 50x50		Galva. ST	331: SST
312	Profile		Aluminium	
318	Structure N-NT 42		Galva. ST	338: SST
412	Axle 40x40		Galva. ST	432: SST
452	Cap		PVC	
453	Locking ring		Galva. ST	473: SST
454	Locking ring with hold		Galva. ST	474: SST
525	Bearing QL - Medium		Galva. ST	535: SST
526	Bearing QL - Large		Galva. ST	536: SST
721	Angle Medium only		Galva. ST	731: SST
722	Angle Bridge Medium		Galva. ST	732: SST
723	Pulling Tab Medium		Galva. ST	733: SST
737	Pressure Bolt Medium -long M16x190		SST	
741	Angle Large	L or R	Galva. ST	751: SST
756	Pressure Bolt Large M24x140		SST	

Belt	Bloc Qty 111/112	Tube 311 Length	Profile 312 Length	Axle 412 Length	Bracket Size	Blocs & Tube	Left	Right
400	3	500	0	300	721+525	1+3		
500	4	650	0	300	721+525	1+3		
650	5	800	0	400	721+525	1+3		
800	6	1000	0	400	721+525	1+3		
1001	7	1200	0	600	721+525	1+3		
1002	8	1200	0	600	721+525	1+3		
1200	9	1400	0	600	721+525	1+3		
1401	10	1600	0	600	721+525	1+3		
1402	11	1800	0	600	721+525	1+3		
1600	12	1800	312	600	741+526	1+3+31+2+31		
1801	13	2000	635	1000	741+526	1+3+31+2+31		
1802	14	2000	664	1000	741+526	1+3+31+2+31		
2001	15	2200	890	1000	741+526	1+3+31+2+31		
2002	16	2200	2016	1000	741+526	1+3+31+2+31		

Dimensions in millimeter

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Conveyor Solutions Expert

INSTRUCTIONS



Incompatible avec huile
Not compatible with oil
Nicht kompatibel mit Öl

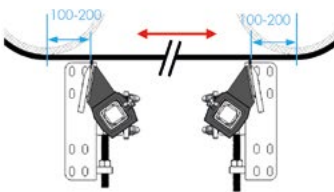


Pas d'impact sur les lames
No impact on blades
Kein Schlag auf die Klingen

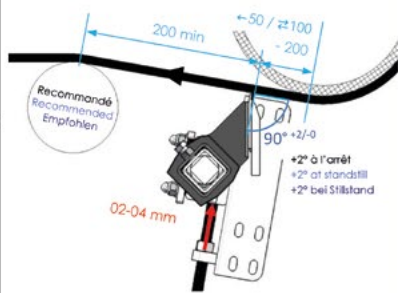


Incompatible avec fil, tissu ou feuille
Not compatible with wire, cloth or sheet
Nicht kompatibel mit Draht, Stoff oder Blatt

Bande reversible / 2 Ways belts /
Reversierbänder



Mise en pression / Pressurization /
Druck Einstellung

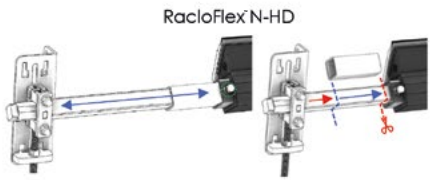


Axes et réglage de la largeur / Axes and
width adjustment / Achsen und
Breiteneinstellung

RacloFlex^N



RacloFlex^N-HD



Désengager /
Desengage /
Ausrücken

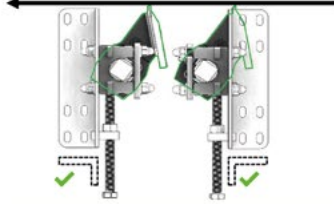
BT / BW / BB < 1600



BT / BW / BB ≥ 1600

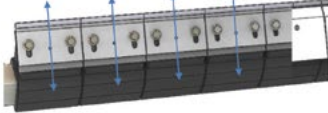


Direction du support / Support
direction / Stützrichtung



Remplacement / Replacing / Ersatz

Régler suivant usure ou forme / Adjustment
according to wear or shape / Folgender
Verschleiß oder Einstellung Form

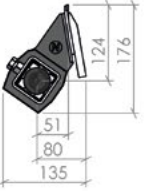


Arrondir les coins extérieurs /
Round the outside corners /
Runde die äußere ecke



Dimensions

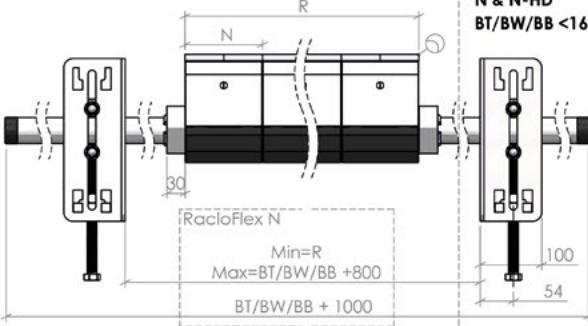
RacloFlex^N 400-1402



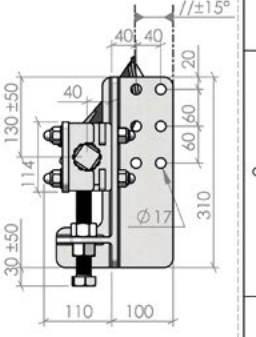
RacloFlex^N-HD 1401-2002



N & N-HD BT/BW/BB < 1600

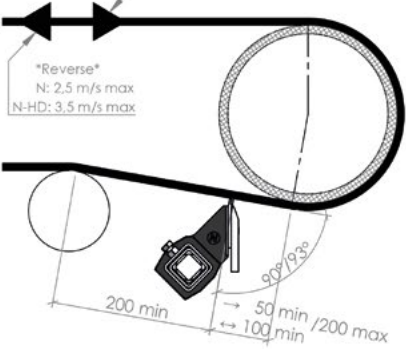


BT/BW/BB ≥ 1600

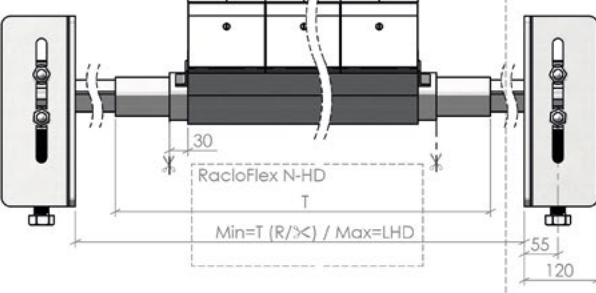


Normal
N: 3 m/s max
N-HD: 5 m/s max

Reverse
N: 2.5 m/s max
N-HD: 3.5 m/s max



RacloFlex^N-HD



Min=T (R/3) / Max=LHD

BT/BW/BB	500	650	800	1000	1100	1200	1400	1500	1600	1800	1900	2000	2200
N=126	18"	24"	30"	36"	42"	48"	54"	60"	62"	72"	74"	78"	84"
	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x16
R	504	630	756	882	1008	1134	1260	1386	1512	1638	1764	1890	2016
	19.8"	24.8"	29.8"	34.7"	39.7"	44.6"	49.6"	54.6"	59.5"	64.5"	69.4"	74.4"	79.4"
LHD	795	1045	1245	1745	1745	1945	2145	2145	2370	2970	2970	3170	3170
T	650	800	1000	1000	1200	1400	1600	1600	1800	2000	2000	2200	2200

T°C min/max -10 +50

pH min/max 4 10

RacloFlex^N RacloFlex^N-HD

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Plan N° 180125 151

Format A4
Échelle 1:8