

Q-Motor

Multifunktionsmotor

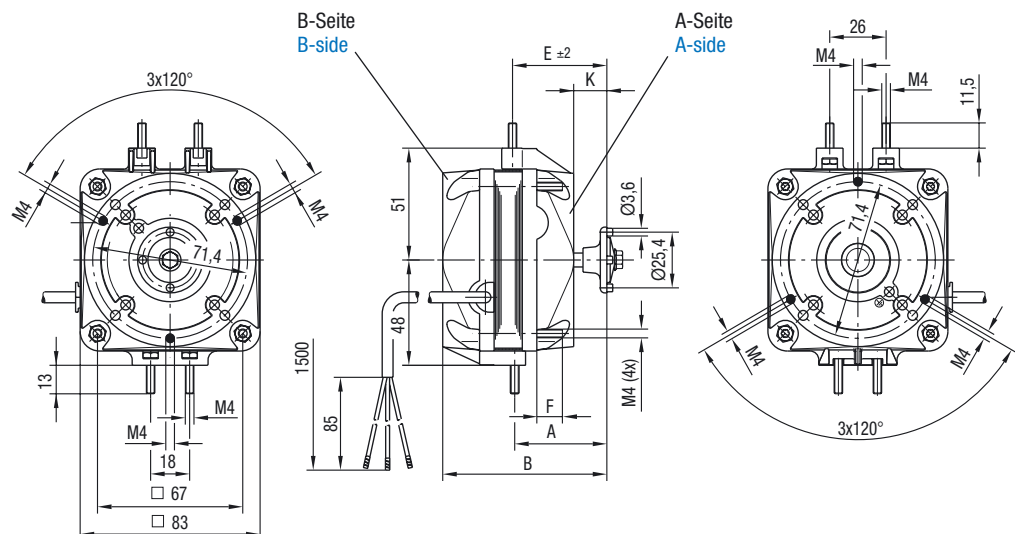
Q-motor

multi-function motor



Leistungsdaten Performance data	Spannung voltage	Frequenz frequency	Drehzahl speed	Leistungsabgabe power output	Leistungsaufnahme power input	Stromaufnahme current draw	Zul. Umgeb. temp. perm. amb. temp.	Masse weight	Maße mm dimensions				
Typ / type	VAC	Hz	min ⁻¹	W	W	A	°C	kg	A	B	E	F	K
M4Q 045 - BD01 - 75	230	50	1300	5	29	0,19	-30 .. + 40	0,9	43	76	43,5	12	15,0
	230	60	1550	5	26	0,17	-30 .. + 40	0,9					
M4Q 045 - CA01 - 75	230	50	1300	7	31	0,20	-30 .. + 40	1,1	49	82	43,5	10	15,0
	230	60	1550	8	30	0,20	-30 .. + 40	1,1					
M4Q 045 - CA03 - 75	230	50	1300	10	36	0,25	-30 .. + 40	1,2	49	82	43,5	10	15,0
	230	60	1550	9	34	0,22	-30 .. + 40	1,2					
M4Q 045 - CF01 - 75	230	50	1300	16	60	0,42	-30 .. + 40	1,3	54	87	43,5	10	15,0
	230	60	1550	16	58	0,36	-30 .. + 40	1,3					
M4Q 045 - DA01 - 75	230	50	1300	18	70	0,48	-30 .. + 40	1,6	59	93	43,5	10	15,0
	230	60	1550	18	62	0,42	-30 .. + 40	1,6					
M4Q 045 - DA05 - 75	230	50	1300	23	86	0,62	-30 .. + 40	1,6	59	93	43,5	10	15,0
	230	60	1550	25	80	0,55	-30 .. + 40	1,6					
M4Q 045 - EA01 - 75	230	50	1300	25	90	0,62	-30 .. + 40	2,0	69	103	44,0	10	15,5
	230	60	1550	26	80	0,55	-30 .. + 40	2,0					
M4Q 045 - EF01 - 75	230	50	1300	34	110	0,75	-30 .. + 40	2,2	92	125	61,0	10	33,0
	230	60	1550	34	100	0,65	-30 .. + 40	2,2					

technische Änderungen vorbehalten / subject to technical alterations



Q-Motor

Optionen

Q-motor

options

Option Anschlussleitungen available lead connections

Standard:

- Schlauchleitung 3 x 0,5 mm²
- Steckeranschluss 3 x 0,5 mm²
- UL/CSA Schlauchleitung 3 x AWG20, 600 V

Option:

- Schlauchleitung 2 x 0,5 mm²
- Steckeranschluss 3 x 0,75 mm²
- UL/CSA Schlauchleitung 2 x AWG20, 600 V

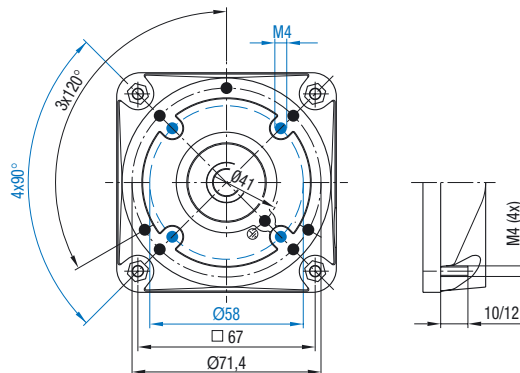
standard:

- jacketed cable 3 x 0.5 mm²
- plug connection 3 x 0.5 mm²
- UL/CSA jacketed cable 3 x AWG20, 600 V

option:

- jacketed cable 2 x 0.5 mm²
- plug connection 3 x 0.75 mm²
- UL/CSA jacketed cable 2 x AWG20, 600 V

Option Befestigung possible mounting



- Befestigungsmöglichkeiten auf A- und B-Seite
- Lochkreis Ø 58 mm, 4 x M4
Lochkreis Ø 71,4 mm, 3 x M4 oder 4 x M4
(jeweils mit oder ohne Erdleiterbohrung möglich)
- 4 x M4 Gewindeenden 10 oder 12 mm lang
(Standard)

- mounting possible on A- and B-side
- bolt circle Ø 58 mm, 4 x M4
bolt circle Ø 71.4 mm, 3 x M4 or 4 x M4
(available with or without ground lead thread)
- 4 x M4 threaded bolts in 10 or 12 mm length
(standard)

Sonderausfertigungen special designs

- Sonderspannungen
- ohne Befestigungsfüße
- Lagerschild am Paket genietet

- special voltages
- without mounting brackets
- end shield riveted to stator lamination

- Kugellager
- unterschiedliche Wellenlänge
- Kältelagerung bis -40 °C
- Feuchtschutz:
Lackierung von Paket und Lagerschilde
(ca. 5 mm überdeckend) einschließlich
Schraubenköpfe und Muttern.
An der Kabelausführung wird zur Abdichtung
eine Silikontülle eingesetzt.
Auf dem Wellenende sitzt eine Kunststoff-
schleuderscheibe.

- ball bearings
- different shaft lengths
- anti-freeze bearing version down to -40 °C
- humidity protection:
Stator lamination and end shields varnished
(overlapping of about 5 mm) and screw heads
and nuts also coated in varnish.
Sealing of cable exit via inserted silicone socket.
Plastic centrifugal disk mounted on shaft end.

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Q-Motor

Luftleistungskennlinien

Q-motor

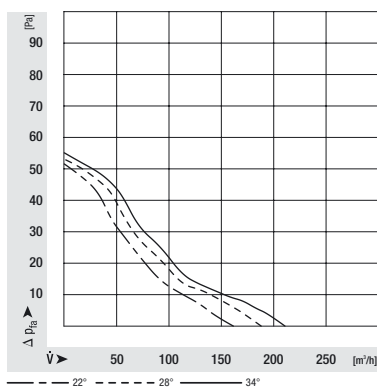
air performance characteristics

Hinweis
please note:

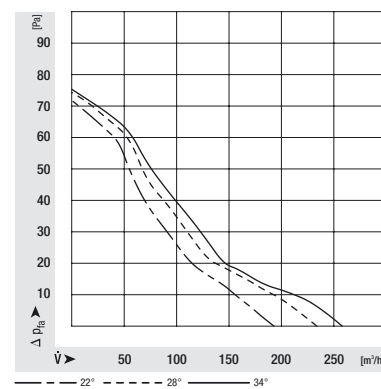
Luftleistungskennlinien von
Flügelrad-Motor-Kombinationen
im Wandring ermittelt.

Air performance characteristics of
motor-impeller combinations
established with wall rings installed.

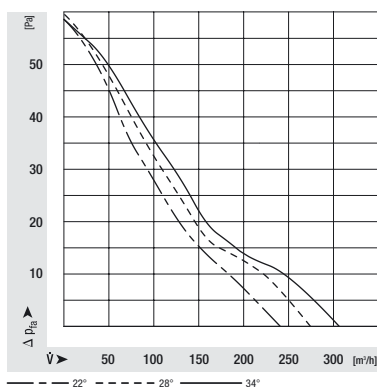
Luftleistungskennlinien / air performance characteristics



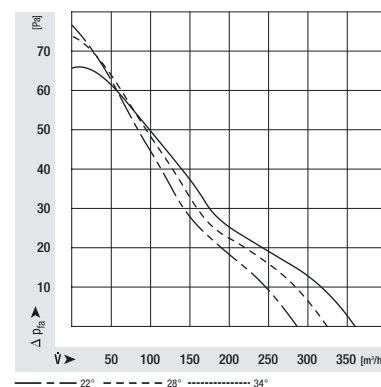
M4Q 045-BD01
Ø154, 50 Hz



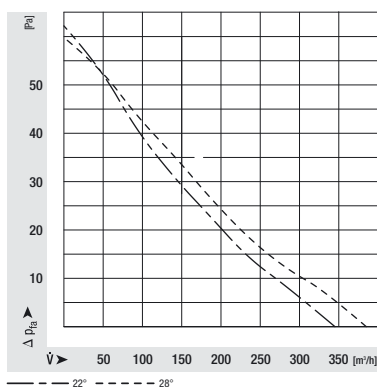
M4Q 045-BD01
Ø154, 60 Hz



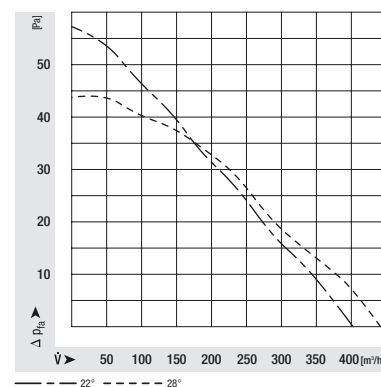
M4Q 045-BD01
Ø172, 50 Hz



M4Q 045-BD01
Ø172, 60 Hz



M4Q 045-BD01
Ø200, 50 Hz



M4Q 045-BD01
Ø200, 60 Hz

technische Änderungen vorbehalten / subject to technical alterations

Q-Motor

Luftleistungskennlinien

Q-motor

air performance characteristics

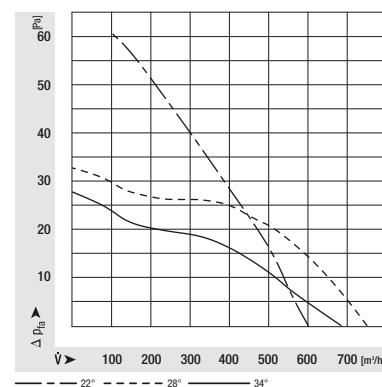
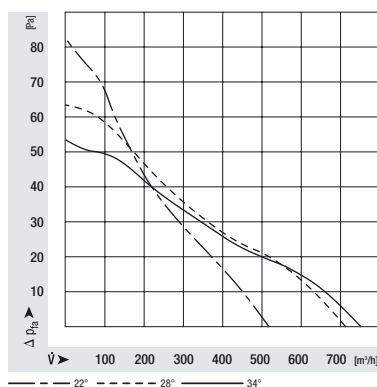
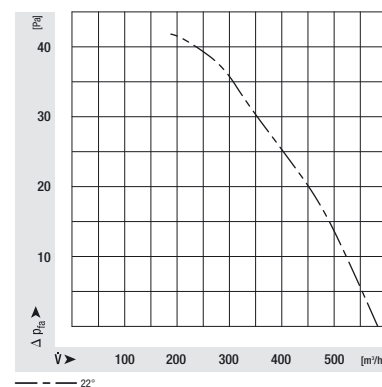
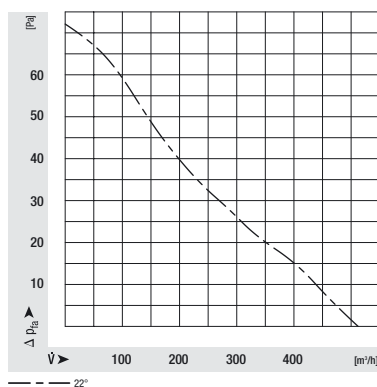
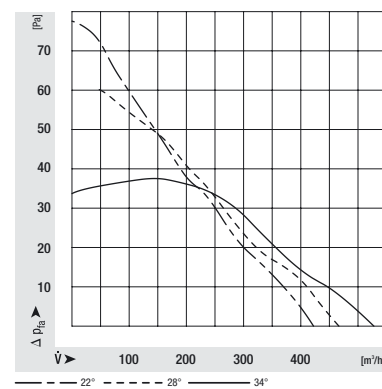
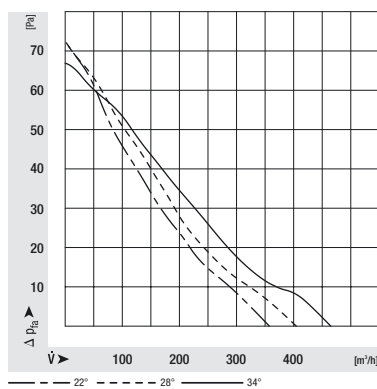
Hinweis

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Luftleistungskennlinien von
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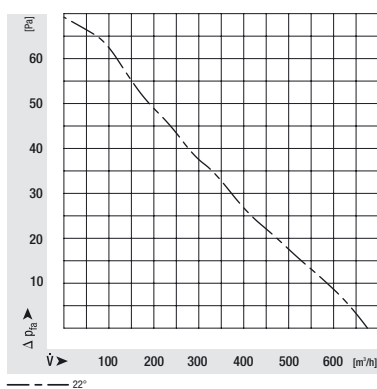
Air performance characteristics of
motor-impeller combinations
established with wall rings installed.

Luftleistungskennlinien / air performance characteristics

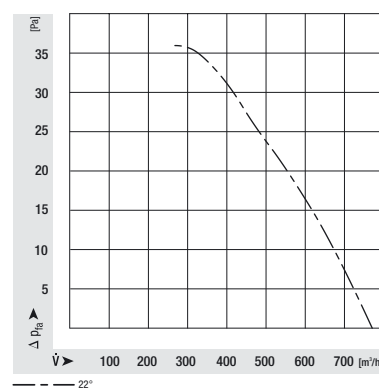


technische Änderungen vorbehalten / subject to technical alterations

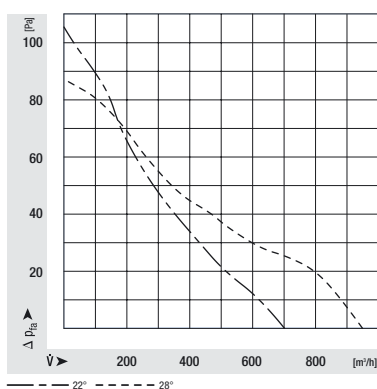
Luftleistungskennlinien / air performance characteristics



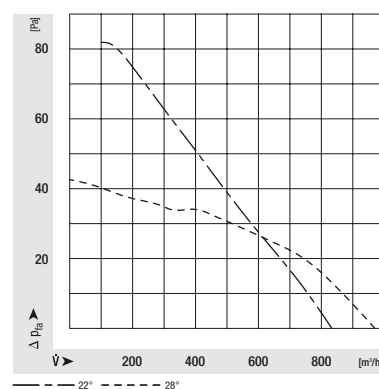
M4Q 045-CA03
Ø254, 50 Hz



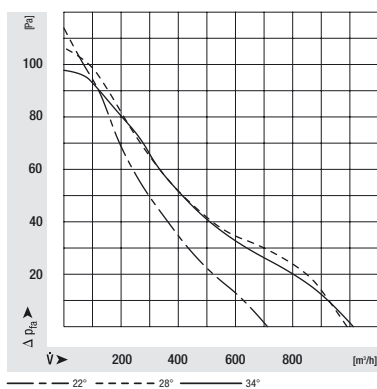
M4Q 045-CA03
Ø254, 60 Hz



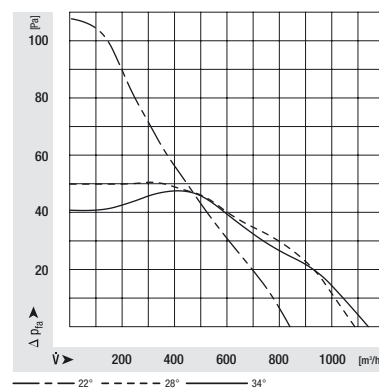
M4Q 045-CF01
Ø254, 50 Hz



M4Q 045-CF01
Ø254, 60 Hz



M4Q 045-DA01
Ø254, 50 Hz



M4Q 045-DA01
Ø254, 60 Hz

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Luftleistungskennlinien

Q-motor

air performance characteristics

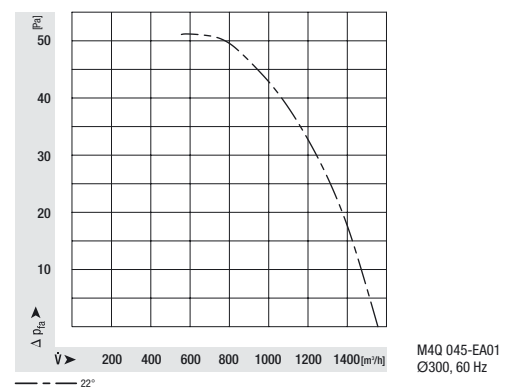
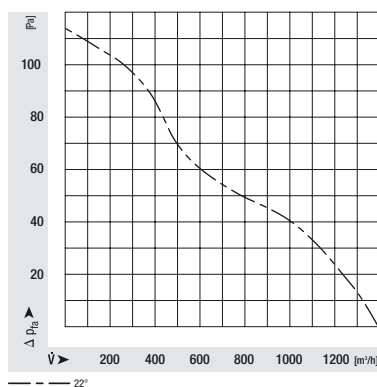
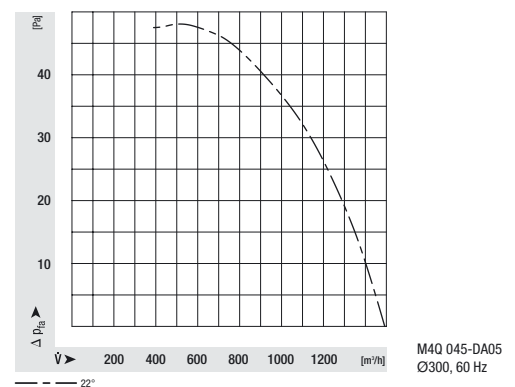
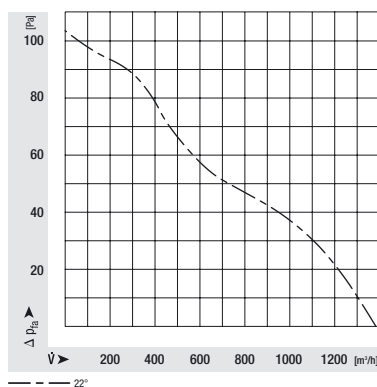
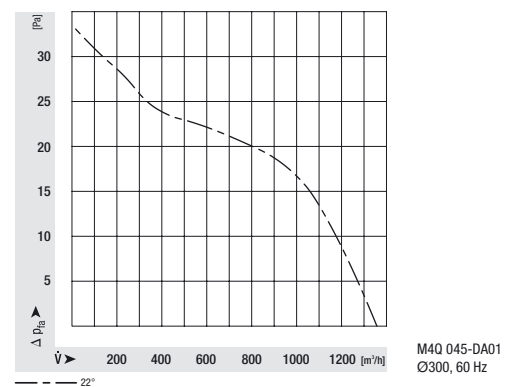
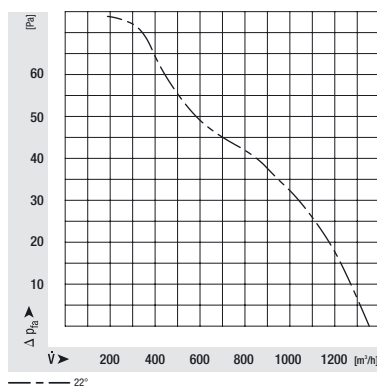
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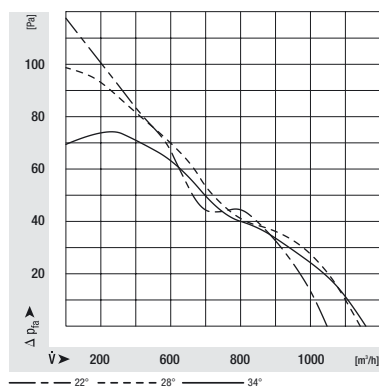
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motor-impeller combinations
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Luftleistungskennlinien / air performance characteristics

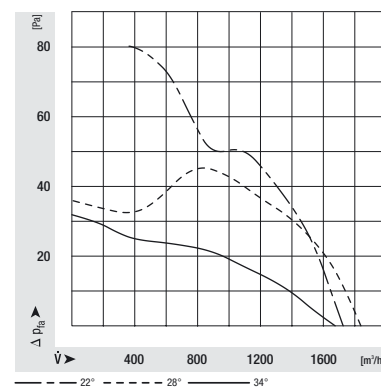


technische Änderungen vorbehalten / subject to technical alterations

Luftleistungskennlinien / air performance characteristics



M4Q 045-EF01
Ø300, 50 Hz



M4Q 045-EF01
Ø300, 60 Hz

technische Änderungen vorbehalten / subject to technical alterations

Q-Motor Zubehör

Axialflügelräder

Q-motor accessories

axial impeller

Förderrichtung "V" direction of airflow "V"	Förderrichtung "A" direction of airflow "A"	Schaufelwinkel blade angle	Maße mm dimensions		
Bestell-Nr. / part no.	Bestell-Nr. / part no.	α	a	b	c
73801-2-3634	73761-2-3634	$22^\circ \pm 1^\circ 30'$	154	27,5	14,0
73802-2-3634	73762-2-3634	$28^\circ \pm 1^\circ 30'$	154	32,0	16,0
73803-2-3634	73763-2-3634	$34^\circ \pm 1^\circ 30'$	154	37,0	18,0
73804-2-3634	73764-2-3634	$22^\circ \pm 1^\circ 30'$	172	31,0	14,5
73805-2-3634	73765-2-3634	$28^\circ \pm 1^\circ 30'$	172	36,0	17,0
73806-2-3634	73766-2-3634	$34^\circ \pm 1^\circ 30'$	172	42,0	21,0
73807-2-3634	73767-2-3634	$22^\circ \pm 1^\circ 30'$	200	32,0	15,5
73808-2-3634	73768-2-3634	$28^\circ \pm 1^\circ 30'$	200	37,5	18,0
73809-2-3634	73769-2-3634	$34^\circ \pm 1^\circ 30'$	200	45,0	22,0
73810-2-3634	73770-2-3634	$22^\circ \pm 1^\circ 30'$	230	35,0	17,5
73811-2-3634	73771-2-3634	$28^\circ \pm 1^\circ 30'$	230	43,0	21,5
73812-2-3634	73772-2-3634	$34^\circ \pm 1^\circ 30'$	230	50,0	24,0
73813-2-3634	73773-2-3634	$22^\circ \pm 1^\circ 30'$	254	37,0	19,0
73814-2-3634	73774-2-3634	$28^\circ \pm 1^\circ 30'$	254	45,0	23,5
73815-2-3634	73775-2-3634	$34^\circ \pm 1^\circ 30'$	254	52,0	26,0
73816-2-3634	73776-2-3634	$22^\circ \pm 1^\circ 30'$	300	43,0	21,5
73817-2-3634	73777-2-3634	$28^\circ \pm 1^\circ 30'$	300	53,5	26,5
73818-2-3634	73778-2-3634	$34^\circ \pm 1^\circ 30'$	300	61,0	30,0

technische Änderungen vorbehalten / subject to technical alterations

Werkstoff / material : Aluminiumblech / sheet aluminium

