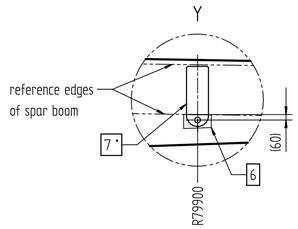
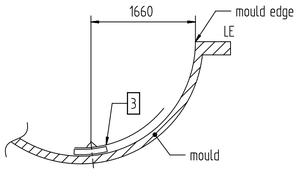
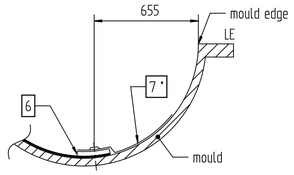
Pos.1

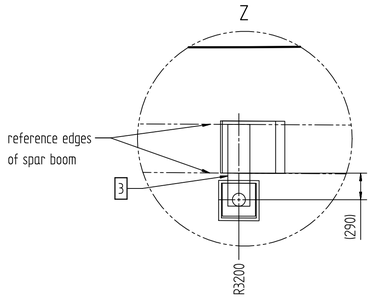


A–A
sketch



B–B
sketch



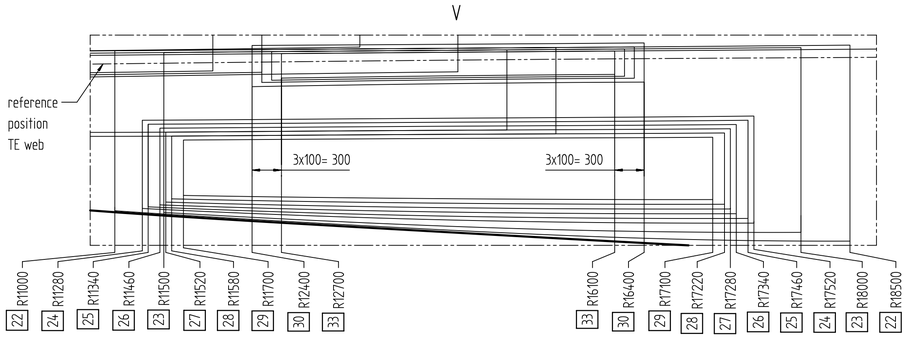


radian measure [mm]				
layer	article no.	material	distance to reference edge of spar boom TE	width
1	–	G-1/1/0/1-1114	80	440
2	–	G-1/1/0/1-1114	110	380
3	1080034	CU-Fabric Disk incl. core inlay R3200	see section A–A	–
4	–	C-0/1/0/1-214	0	600
5	–	C-0/1/0/1-214	0	600
6	1082082	core material LPS-T E175EP5RB01	see section B–B	–
7 *	1083236	CU-mesh patch	see section B–B	–

See general dimension D02904613.

* Layer 7 is layed in D02897138 in Pos. 7.

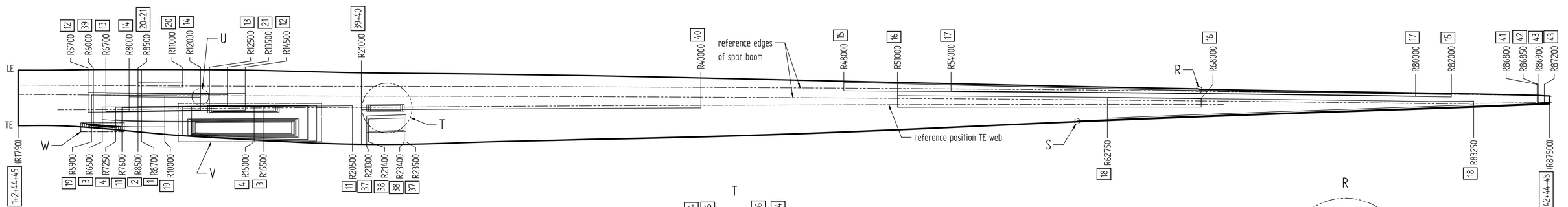
Pos.2

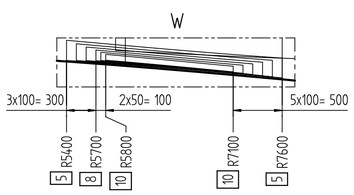


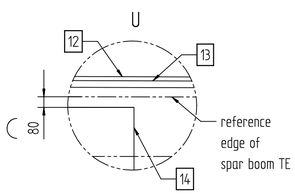
radian measure [mm]							
layer	material	distance to mould edge LE	distance to mould edge TE	overlapping with position of reference TE web *	overlapping with reference edge of spar boom LE *	overlapping with reference edge of spar boom TE *	width
1	G-0/1/0/1-1264	0	0	–	–	–	all over
2	HMR-1/0-1188	0	0	–	–	–	all over
3	G-0/1/0/1-1264	–	1600	150	–	–	–
4	HMR-1/0-1188	–	1650	125	–	–	–
5	G-0/1/0/1-1264	–	400	–	–	–	750
6	G-0/1/0/1-1264	–	450	–	–	–	650
7	HMR-1/0-1188	–	500	–	–	–	550
8	G-0/1/0/1-1264	–	550	–	–	–	450
9	G-0/1/0/1-1264	–	600	–	–	–	350
10	G-0/1/0/1-1264	–	650	–	–	–	250
11	G-1/1/0/1-1114	–	135	100	–	–	–
12	G-1/1/0/1-1114	–	–	150	–	150	–
13	G-1/1/0/1-1114	–	–	125	–	120	–
14	G-1/1/0/1-1114	–	–	100	–	-80 (see detail U)	–
15	G-1/1/0/1-1114	140	–	–	150	–	–
16	G-1/1/0/1-1114	–	–	150	–	150	–
17	G-1/1/0/1-1114	130	–	–	125	–	–
18	G-1/1/0/1-1114	–	130	–	–	125	–
19	G-0/1/0/1-1264	–	–	–	–	0	2000
20	G-1/1/0/1-1114	–	–	–	70	–	250

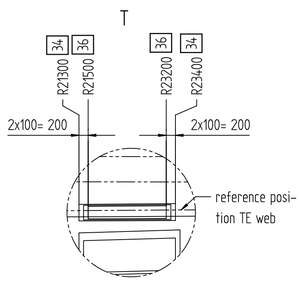
* See general dimension D02904613.

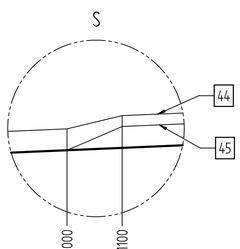
radian measure [mm]										
layer	material	distance to mould edge LE			distance to mould edge TE			overlapping with position of reference TE web *	overlapping with reference edge of spar boom LE *	overlapping with reference edge of spar boom TE *	width
		up to R66700	from R66800	from R86800	up to R61000	from R61100	from R86800				
21	G-1/1/0/1-1114	–	–	–	–	–	–	–	–	70	700
22	G-0/1/0/1-1264	–	–	–	400	–	–	150	–	–	–
23	G-0/1/0/1-1264	–	–	–	500	–	–	125	–	–	–
24	G-0/1/0/1-1264	–	–	–	600	–	–	–	–	–	1200
25	HMR-1/0-1188	–	–	–	650	–	–	–	–	–	1100
26	G-0/1/0/1-1264	–	–	–	700	–	–	–	–	–	1000
27	G-0/1/0/1-1264	–	–	–	750	–	–	–	–	–	900
28	HMR-1/0-1188	–	–	–	800	–	–	–	–	–	800
29	G-0/1/0/1-1264	–	–	–	850	–	–	–	–	–	700
30	G-0/1/0/1-1264	–	–	–	–	–	–	200	–	–	500
31	G-0/1/0/1-1264	–	–	–	–	–	–	150	–	–	400
32	HMR-1/0-1188	–	–	–	–	–	–	125	–	–	350
33	G-0/1/0/1-1264	–	–	–	–	–	–	100	–	–	300
34	G-0/1/0/1-1264	–	–	–	–	–	–	150	–	–	400
35	HMR-1/0-1188	–	–	–	–	–	–	125	–	–	350
36	G-0/1/0/1-1264	–	–	–	–	–	–	100	–	–	300
37	G-0/1/0/1-1264	–	–	–	850	–	–	–	–	–	1000
38	G-0/1/0/1-1264	–	–	–	910	–	–	–	–	–	750
39	G-1/1/0/1-1114	0	–	–	0	–	–	–	–	–	–
40	G-1/1/0/1-1114	0	–	–	–	–	–	150	–	–	–
41	G-1/1/0/1-1114	–	–	0	–	–	70	–	–	–	–
42	G-1/1/0/1-1114	–	–	0	–	–	95	–	–	–	–
43	G-1/1/0/1-1114	–	–	0	–	–	100	–	–	–	–
44	G-1/1/0/1-1114	0	10	–	40	60	–	–	–	–	–
45	G-1/1/0/1-1114	0	10	–	0	40	–	–	–	–	–

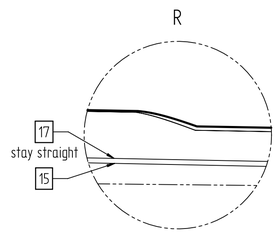












model according to D02903519-x

rotor blade	I assembly-no.
E-175 EP5-RB-01	130

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WF0004167571

Size / Maßstab | projected weight / errechnetes Gewicht: kg

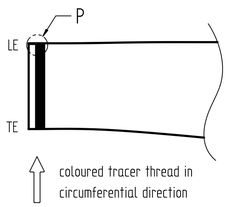
Material / Werkstoff: SH-PS

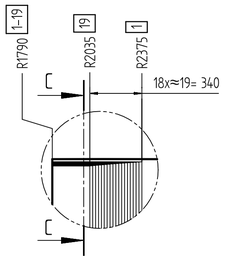
Document Type / Dokumentart: Part drawing / Einzelteilzeichnung | DCI: TB

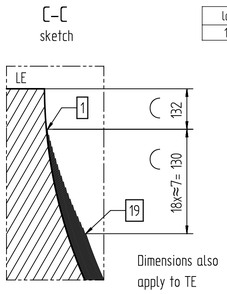
Name / additional name / Benennung / Zusatzbenennung:
pressure side rotor blade shell
inner laminate
RBL Schale Druckseite
Innenlaminat

Material Number / Materialnummer	Drawing Number / Zeichnungsnummer	Sheet / ofy / Blatt / Blätter
1070416	D02904945/2.1-de/en	1/2

Pos.3





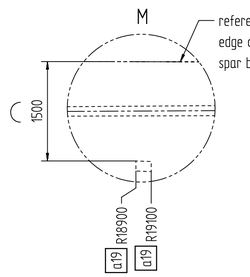


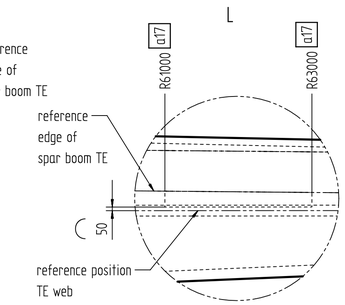
layer	material
1-19	G-0/1/4/1-2528

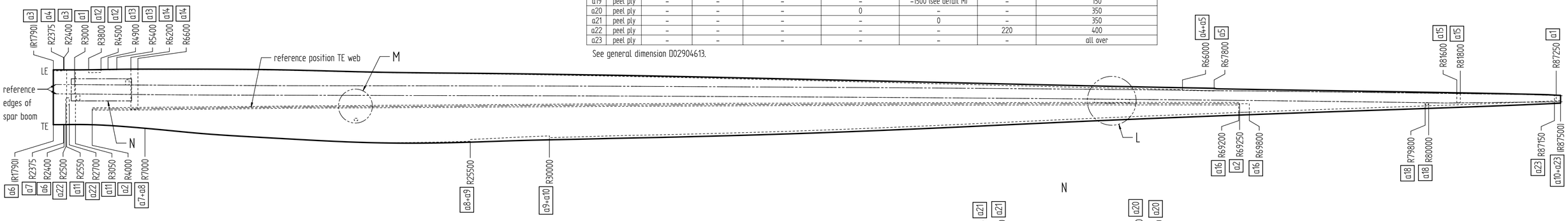
Pos.4

		radian measure [mm]						
layer	material	distance to mould edge LE	distance to mould edge TE	overlapping with position of reference TE web *	overlapping with reference edge of spar boom LE *	overlapping with reference edge of spar boom TE *	distance to ref. TE spar boom *	width
a1	peel ply	–	–	–	–	–	–	all over spar boom
a2	peel ply	–	–	–	–	–	–	150 mm, centrally below position TE web
a3	peel ply	0	–	–	–	–	–	300
a4	peel ply	0	–	–	–	–	–	150
a5	peel ply	0	–	–	–	–	–	200
a6	peel ply	–	0	–	–	–	–	300
a7	peel ply	–	0	–	–	–	–	250
a8	peel ply	–	0	–	–	–	–	150
a9	peel ply	–	0	–	–	–	–	250
a10	peel ply	–	0	–	–	–	–	150
a11	peel ply	150	250	–	–	–	–	–
a12	peel ply	150	–	–	–	–	–	450
a13	peel ply	150	–	–	–	–	–	50
a14	peel ply	150	–	–	50	–	–	–
a15	peel ply	–	–	–	–	–	–	500 mm, central on spar boom
a16	peel ply	–	150	0	–	–	–	–
a17	peel ply	–	–	-50 (see detail L)	–	0	–	–
a18	peel ply	–	–	–	–	0	–	100
a19	peel ply	–	–	–	–	-1500 (see detail M)	–	150
a20	peel ply	–	–	–	0	–	–	350
a21	peel ply	–	–	–	–	0	–	350
a22	peel ply	–	–	–	–	–	220	400
a23	peel ply	–	–	–	–	–	–	all over

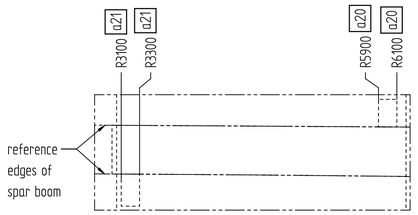
See general dimension D02904613.





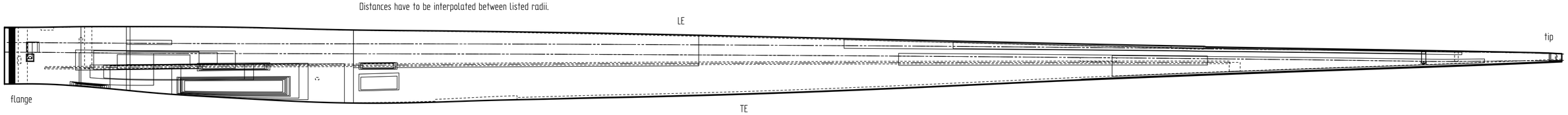


Note: The specified peel ply layers are showing the minimal surfaces which have to be covered with peel ply.
Longer or wider layers are allowed. Uniting several layers to one layer is also allowed.



Info

Distances have to be interpolated between listed radii.



model according to D02903519

rotor blade	I assembly-no.
E-175 EP5-RB-01	130

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Material / Werkstoff: SH-PS	Size / Maßstab	Expected weight / Erwartetes Gewicht: kg
Document Type / Dokumentart: Part drawing / Einzelteilzeichnung		DCC: TB
Name / additional name / Benennung / Zusatzbenennung: pressure side rotor blade shell inner laminate RBL Schale Druckseite Innenlaminat		
Material Number / Materialnummer: 1070416	Drawing Number / Zeichnungsnummer: D02904945/2.1-de/en	Sheet / qty / Blatt / Blätter: 2/2

0