Declaration of Performance

No. 036 09032017

PRINCESS 1 COLUMN 795MM

Unique Product Code:	**TBK106/107**
Type, batch or serial number:	**TBK106/107-795**
Intended use of the construction product:	Heat emitters for central heating systems to be supplied with hot water or steam below 120°C from a remote heat source.
Manufacturer:	Jig UK Ltd, Hurlingham Business Park, Fulbeck Heath, Grantham NG32 3HL
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA, Bracknell, Berkshire, RG12 7AH (0480)
Test report number:	**59949A17PS**

Declared Performance

Essential Characteristics	Performance	Harmonized Technical Specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure [kPa]	
Surface temperature	Maximum 120°C	
Resistance to pressure	No breakage at 1.69 x maximum operating pressure [kPa]. Maximum operating pressure: 550 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$Ø = Km \cdot \Delta T^n$ See appendix for factor Km and exponent n	
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact	Class 0	

Signed for and on behalf of the manufacturer by:

Brian Athey
Managing Director
Dated: 11/11/2026

APPENDIX 1 - Dimensions and Thermal Outputs

SKU	Sections	Length (inc. bushes)	BTU's (ΔT 30°)	Watts (ΔT 30°)	BTU's (ΔT 50°)	Watts (ΔT 50°)	Factor, Km	Exponent, n
TBK106/107-795-03	3	262mm	495	145	942	276	1.9253357	1.2703
TBK106/107-795-04	4	338mm	659	193	1256	368	2.5671143	1.2703
TBK106/107-795-05	5	414mm	822	241	1570	460	3.2088929	1.2703
TBK106/107-795-06	6	490mm	990	290	1884	552	3.8506714	1.2703
TBK106/107-795-07	7	566mm	1153	338	2197	644	4.49245	1.2703
TBK106/107-795-08	8	642mm	1317	386	2511	736	5.1342286	1.2703
TBK106/107-795-09	9	718mm	1484	435	2825	828	5.7760071	1.2703
TBK106/107-795-10	10	794mm	1648	483	3139	920	6.4177857	1.2703
TBK106/107-795-11	11	870mm	1812	531	3453	1012	7.0595643	1.2703
TBK106/107-795-12	12	946mm	1976	579	3767	1104	7.7013429	1.2703
TBK106/107-795-13	13	1022mm	2143	628	4081	1196	8.3431214	1.2703
TBK106/107-795-14	14	1098mm	2307	676	4395	1288	8.9849	1.2703
TBK106/107-795-15	15	1174mm	2470	724	4709	1380	9.6266786	1.2703
TBK106/107-795-16	16	1250mm	2638	773	5023	1472	10.268457	1.2703
TBK106/107-795-17	17	1326mm	2801	821	5337	1564	10.910236	1.2703
TBK106/107-795-18	18	1402mm	2965	869	5651	1656	11.552014	1.2703
TBK106/107-795-19	19	1478mm	3132	918	5964	1748	12.193793	1.2703
TBK106/107-795-20	20	1554mm	3296	966	6278	1840	12.835571	1.2703
TBK106/107-795-21	21	1630mm	3460	1014	6592	1932	13.47735	1.2703
TBK106/107-795-22	22	1706mm	3624	1062	6906	2024	14.119129	1.2703
TBK106/107-795-23	23	1782mm	3791	1111	7220	2116	14.760907	1.2703
TBK106/107-795-24	24	1858mm	3955	1159	7534	2208	15.402686	1.2703
TBK106/107-795-25	25	1934mm	4118	1207	7848	2300	16.044464	1.2703
TBK106/107-795-26	26	2010mm	4286	1256	8162	2392	16.686243	1.2703
TBK106/107-795-27	27	2086mm	4449	1304	8476	2484	17.328021	1.2703
TBK106/107-795-28	28	2162mm	4613	1352	8790	2576	17.9698	1.2703
TBK106/107-795-29	29	2238mm	4777	1400	9104	2668	18.611579	1.2703
TBK106/107-795-30	30	2314mm	4944	1449	9418	2760	19.253357	1.2703