

DATA SHEET

POWER ISOLATORS WITH WATER LOAD

Product specification
Supersedes data of October 1995
File under Professional Components, PC06

1998 Feb 20

POWER ISOLATORS
WITH WATER LOAD

Preferred application: microwave heating

TYPE	DIMENSIONS Fig.	FREQUENCY RANGE MHz	MAXIMUM POWER	
			CW W	REFLECTED W
2722 163 02071	1	2425 to 2475	3000	3000
02061	2			

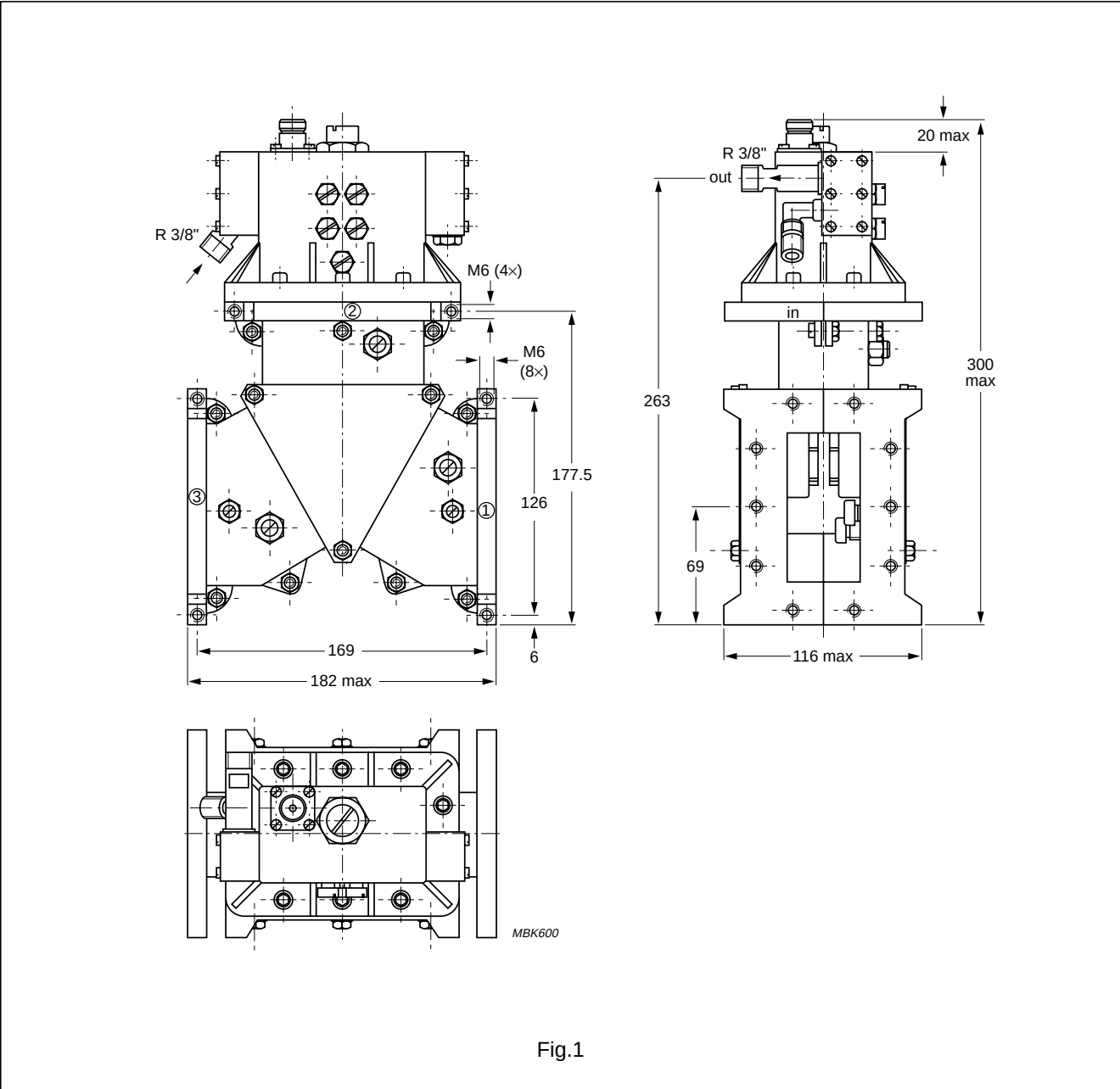


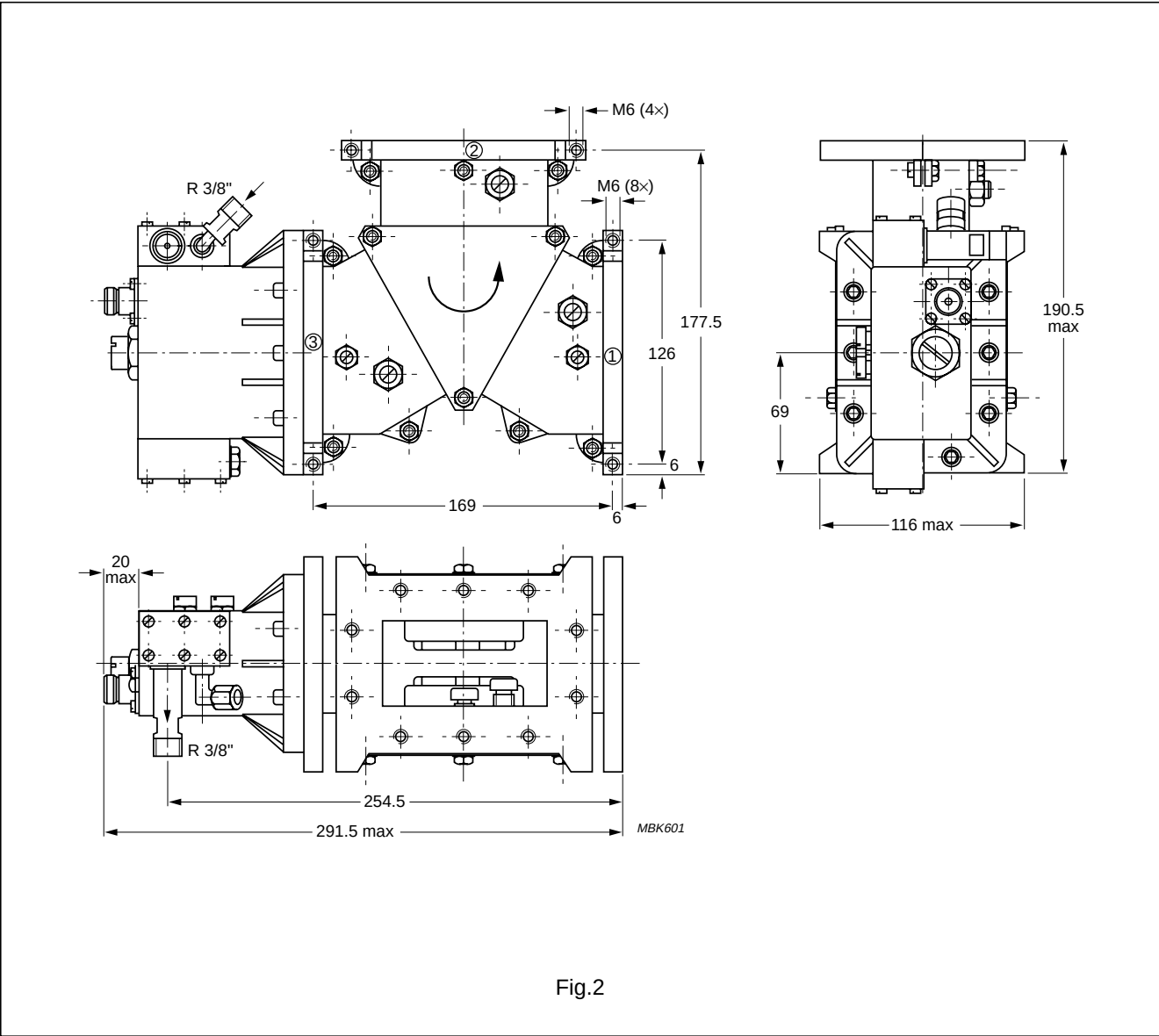
Fig.1

POWER ISOLATORS
WITH WATER LOAD

TYPE	ISOLATION		INSERTION LOSS		VSWR		TEMP. RANGE °C	CONNECTOR	MASS g
	MIN. dB	TYP. dB	MAX. dB	TYP. dB	MAX.	TYP.			
2722 163 02071 02061	20	26	0,3	0,2	1,25 ⁽¹⁾		θ1: max. +40 θ2: max. +50	IEC-PDR 26, monitor output: N female	4500

Note

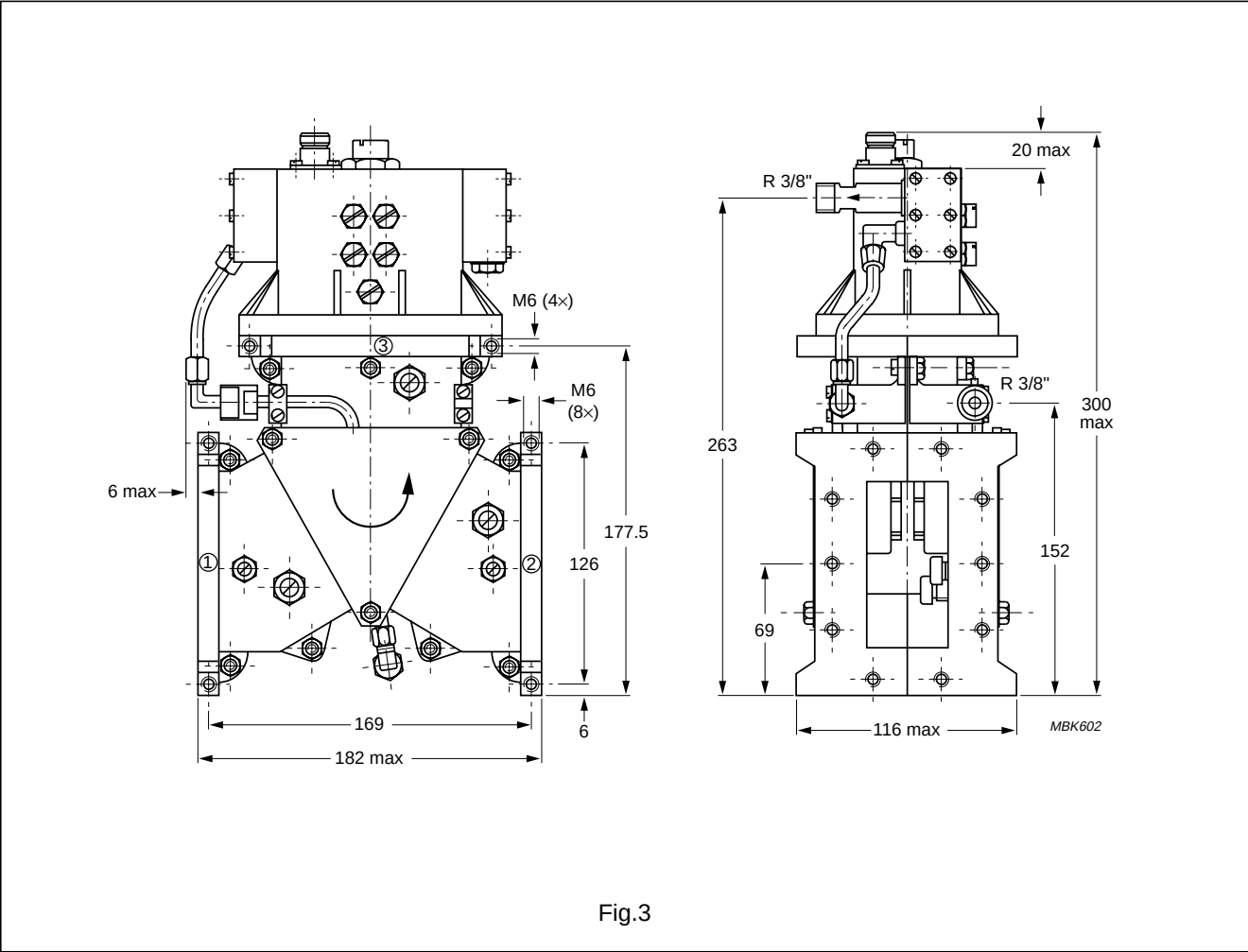
1. With output short-circuited: $S \leq 1,5$.



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TYPE	DIMENSIONS Fig.	FREQUENCY RANGE MHz	MAXIMUM POWER	
			CW W	REFLECTED W
2722 163 02004	3	2425 to 2475	6500	6500
02005	4			



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TYPE	ISOLATION		INSERTION LOSS		VSWR		TEMP. RANGE °C	CONNECTOR	MASS g
	MIN. dB	TYP. dB	MAX. dB	TYP. dB	MAX.	TYP.			
2722 163 02004 02005	20	26	0,3	0,2	1,25 ⁽¹⁾	1,1	θ1: max. +40 θ2: max. +50	IEC-PDR 26, monitor output: N female	4700

Note

1. With output short-circuited: $S \leq 1,5$.

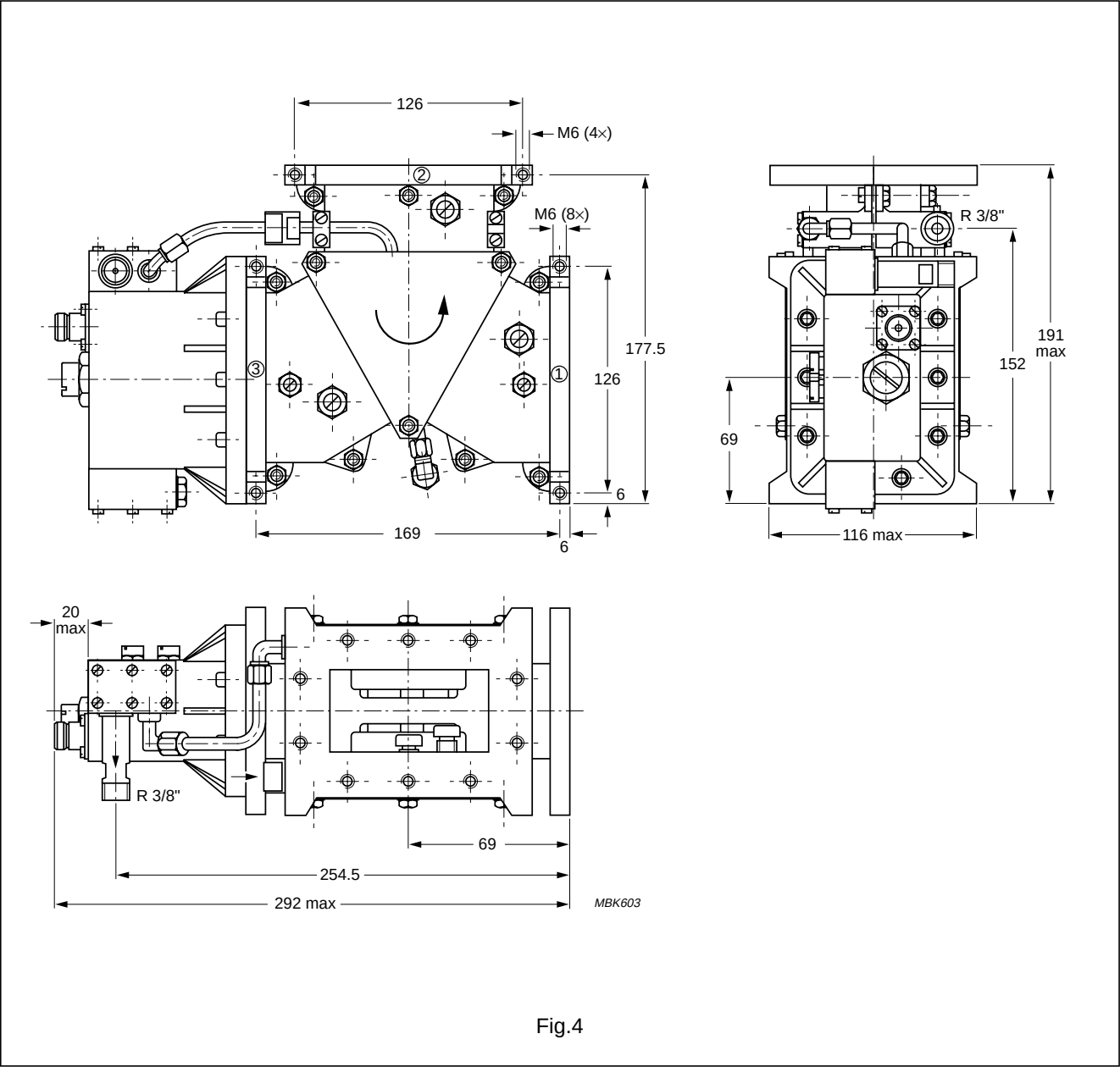


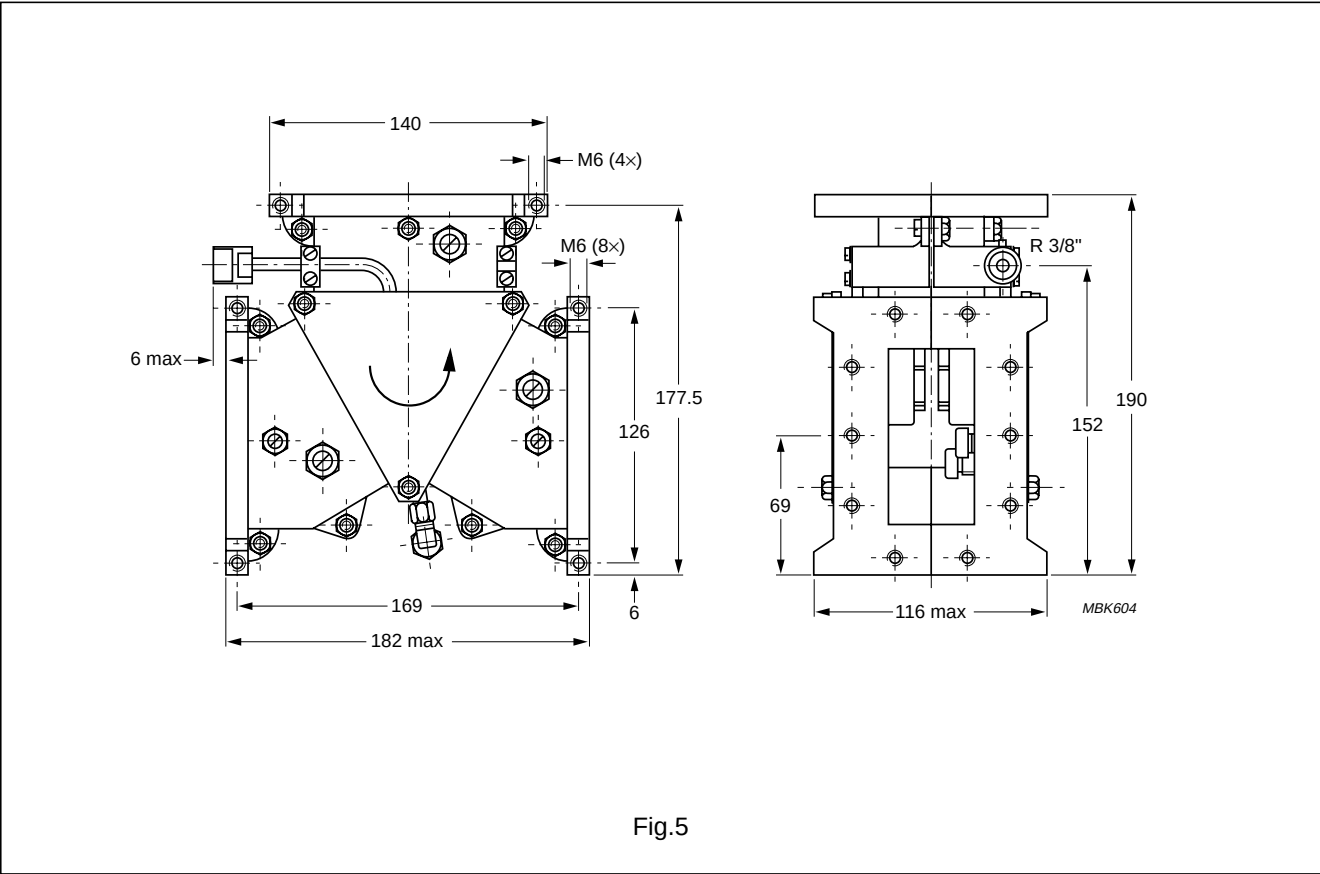
Fig.4

POWER ISOLATORS
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TYPE	DIMENSIONS Fig.	FREQUENCY RANGE MHz	MAXIMUM POWER	
			CW W	REFLECTED W
2722 163 01021	5	2425 to 2475	6500	

Water load; type 2722 163 02051; dimensions Fig.6; $\theta 1$: max. + 40 °C; $\theta 2$: max. 50 °C;
connector: IEC-PDR 26, monitor output: N female.



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TYPE	ISOLATION		INSERTION LOSS		VSWR		TEMP. RANGE °C	CONNECTOR	MASS g
	MIN. dB	TYP. dB	MAX. dB	TYP. dB	MAX.	TYP.			
2722 163 01021	20		0,3		1,25 ⁽¹⁾		θ1: max. + 40 θ2: max. + 50	IEC-PDR 26	

Note

1. With output short-circuited: $S \leq 1,5$.

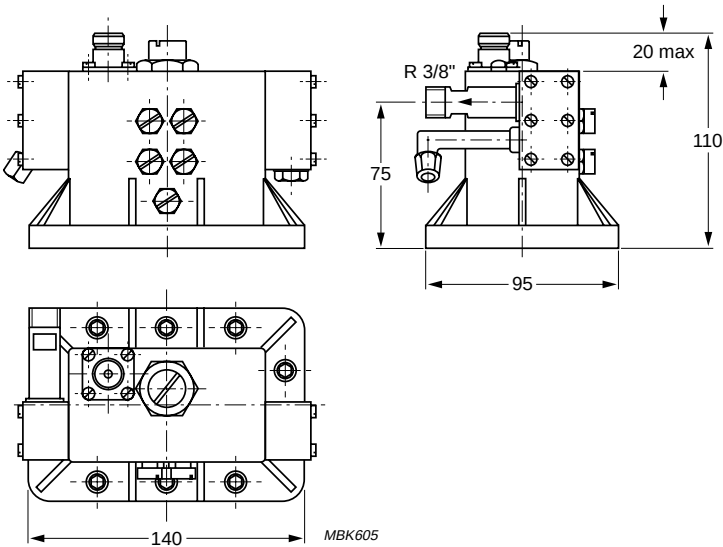


Fig.6

POWER ISOLATORS
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Preferred application: microwave heating

TYPE	DIMENSIONS Fig.	FREQUENCY RANGE MHz	MAXIMUM POWER	
			CW W	REFLECTED W
2722 163 02101	7	2425 to 2475	2000	2000

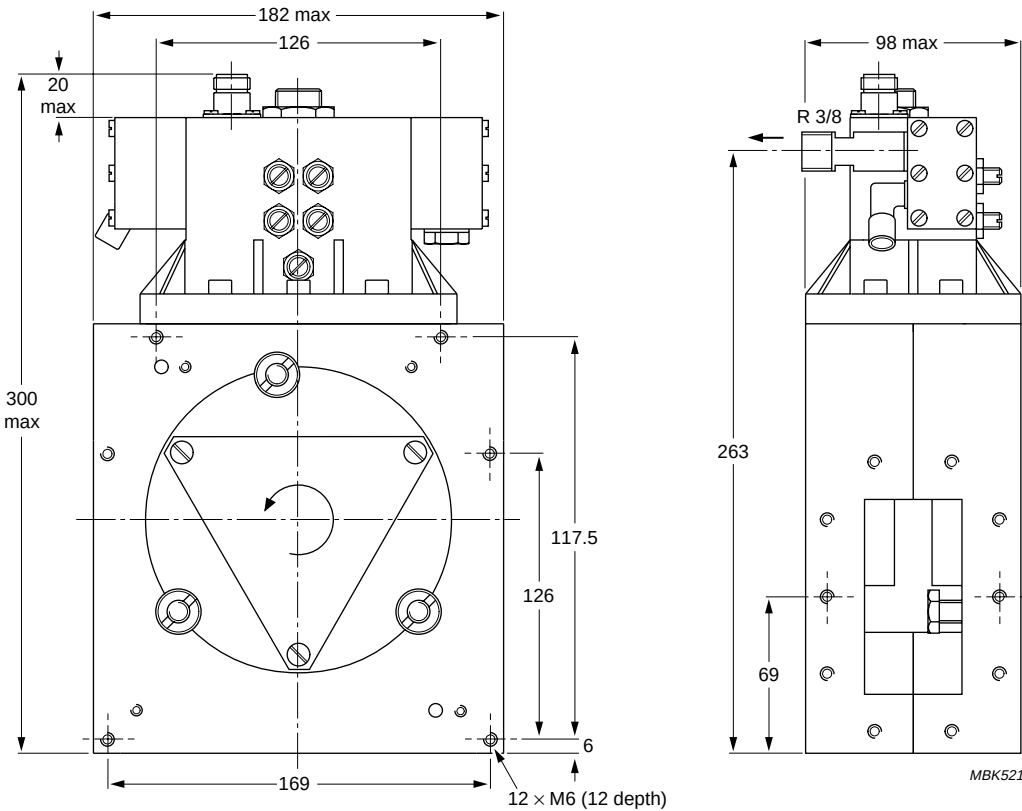


Fig.7

POWER ISOLATORS WITH WATER LOAD

TYPE	ISOLATION		INSERTION LOSS		VSWR		TEMP. RANGE °C	CONNECTOR	MASS g
	MIN. dB	TYP. dB	MAX. dB	TYP. dB	MAX.	TYP.			
2722 163 02101	20	26	0,3	0,2	1,25 ⁽¹⁾		θ1: max. + 40 θ2: max. + 50	IEC-PDR 26, monitor output: N female	9000

Note

1. With output short-circuited: $S \leq 1,5$.