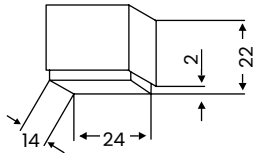


Technical Specifications

Small angle beam transducers— European standards

Type MWB/MWK

Type 23



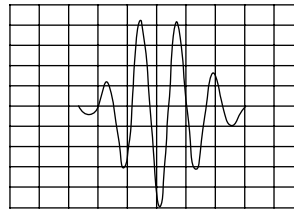
MWB-O



MWB, MWK

MWB45-4

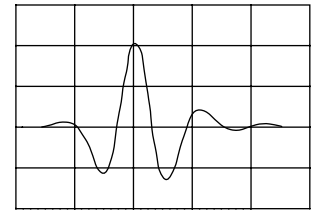
0.2V/Div



0, 2µs/Div

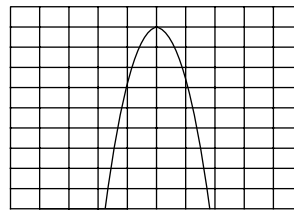
MWK45-4

0.5V/Div



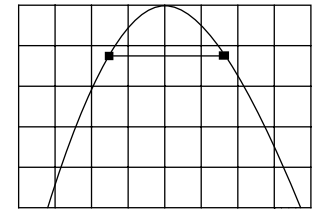
0, 2µs/Div

2dB/Div



0-8 MHz

5dB/Div



0-8 MHz

Typical waveform and frequency spectrum

Type	Order code	a x b mm	in	f (MHz)	β (Steel)	N mm	in	Notes	Sketch
MWB 35-2ISO	0500040	8 x 9	0.31 x 0.35	2	38	15	0.6	ISO 22232-2 compliant	Type 23
MWB 35-O2ISO	0500044	8 x 9	0.31 x 0.35	2	38	15	0.6		
MWB 45-2ISO	0500041	8 x 9	0.31 x 0.35	2	45	15	0.6	ISO 22232-2 compliant	
MWB 45-O2ISO	0500045	8 x 9	0.31 x 0.35	2	45	15	0.6		
MWB 60-2ISO	0500042	8 x 9	0.31 x 0.35	2	60	15	0.6	ISO 22232-2 compliant	
MWB 60-O2ISO	0500046	8 x 9	0.31 x 0.35	2	60	15	0.6		
MWB 70-2ISO	0500043	8 x 9	0.31 x 0.35	2	70	15	0.6	ISO 22232-2 compliant	
MWB 70-O2ISO	0500234	8 x 9	0.31 x 0.35	2	70	15	0.6		
MWB 80-2	0056924	8 x 9	0.31 x 0.35	2	77	15	0.6	Surface wave	
MWB 90-2	0056925	8 x 9	0.31 x 0.35	2	90	15	0.6		

Small angle beam transducers— European standards

Type	Order code	a x b		f (MHz)	β (Steel)	N		Notes	Sketch
		mm	in			mm	in		
MWB 35-4ISO	0500047	8 x 9	0.31 x 0.35	4	38	30	1.2	ISO 22232-2 compliant	Type 23
MWB 35-O4ISO	0500235	8 x 9	0.31 x 0.35	4	38	30	1.2	ISO 22232-2 compliant	
MWB 45-4ISO	0500048	8 x 9	0.31 x 0.35	4	45	30	1.2	ISO 22232-2 compliant	
MWB 45-O4ISO	0500236	8 x 9	0.31 x 0.35	4	45	30	1.2	ISO 22232-2 compliant	
MWB 60-4ISO	0500049	8 x 9	0.31 x 0.35	4	60	30	1.2	ISO 22232-2 compliant	
MWB 60-O4ISO	0500237	8 x 9	0.31 x 0.35	4	60	30	1.2	ISO 22232-2 compliant	
MWB 70-4ISO	0500050	8 x 9	0.31 x 0.35	4	70	30	1.2	ISO 22232-2 compliant	
MWB 70-O4ISO	0500238	8 x 9	0.31 x 0.35	4	70	30	1.2	ISO 22232-2 compliant	
MWB 80-4	0056930	8 x 9	0.31 x 0.35	4	7	30	1.2	Surface wave	
MWB 90-4	0056931	8 x 9	0.31 x 0.35	4	90	30	1.2		
MWK 45-2	0067488	8 x 9	0.31 x 0.35	2	45	15	0.6	Piezocomposite element	Type 23
MWK 60-2	0067489	8 x 9	0.31 x 0.35	2	60	15	0.6		
MWK 70-2	0067490	8 x 9	0.31 x 0.35	2	70	15	0.6		
MWK 45-4	0058938	8 x 9	0.31 x 0.35	4	45	30	1.2		
MWK 60-4	0058939	8 x 9	0.31 x 0.35	4	60	30	1.2		
MWK 70-4	0058940	8 x 9	0.31 x 0.35	4	70	30	1.2		

Custom configurations are available by special order.

[For explanations to the table data, refer to selection criteria on pages 5 through 7.](#)

Accessories

Description	Type	Remark
Cable	MPKL2 (0050486)	for MWB., MWK..
Spare sole (1 set = 10 pcs)	MWP(E) (0057277)	for MWB., MWK..