

## Furuno Transducer Matrix

Revision

Nov. 2019

<u>Single Frequency</u>	<u>Power</u>	<u>FCV-292</u>	<u>FCV-1100 &amp; BBFF 3</u>	<u>FCV-1200 &amp; 1500</u>	<u>FCV-295, DFF3 &amp; 1150</u>	<u>FCV-1900</u>	<u>Man.</u>
CA15F-4S	1 KW		Tap A	42 Volts		80 Volts	Furuno
CA15F-10	2 KW			65 Volts		127 Volts	Furuno
CA15F-10x2	3 KW			65 Volts			Furuno
CA28F-8	1 KW	Jumper B	Tap B	57 Volts	Tap B	109 Volts	Furuno
CA28F-18	2 KW	Jumper C	Tap C	67 Volts	Tap B	128 Volts	Furuno
CA28BL-6HR	2 KW	Jumper B	Tap C	70 Volts	Tap A	68 Volts	Furuno
CA28F-24H	3 KW	Jumper B	Tap D	72 Volts	Tap D	73 Volts	Furuno
CA28BL-12HR	3 KW	Jumper D	Tap D	90 Volts	Tap A	108 Volts	Furuno
CA28F-38M with BT-5	5 KW		Tap D	90 Volts	Tap D	72 Volts	Furuno
CA28F-72 with BT-5	10 KW		Tap C	90 Volts	Tap C		Furuno
CA38BL-9HR	2 KW	Jumper C	Tap C	70 Volts	Tap B	88 Volts	Furuno
CA38BL-15HR	3 KW	Jumper E	Tap E	90 Volts	Tap D	150 Volts	Furuno
CA45F-3H	1 KW		Tap A	41 Volts			Furuno
CA45F-6H	2 KW		Tap B	61 Volts			Furuno
CA45F-12H	3 KW		Tap C	70 Volts			Furuno
CA50B-6/6B	1 KW	Jumper A	Tap A	45 Volts	Tap A	86 Volts	Furuno
CA50B-6G	1 KW					86 Volts	Furuno
CA50B-62M	1 KW	Jumper A	Tap A	45 Volts	Tap A		Furuno
CA50B-9/9B	1 KW	Jumper A	Tap A	42 Volts	Tap A	77 Volts	Furuno
CA50B-92M	1 KW	Jumper A	Tap A	42 Volts	Tap A		Furuno
CA50F-8G	500 W		Tap B	51 Volts			Furuno
CA50B-12	2 KW	Jumper E	Tap B	55 Volts	Tap A		Furuno
CA50BL-12	2 KW	Jumper B	Tap C	60 Volts	Tap A	92 Volts	Furuno
CA50BL-12HR	2 KW	Jumper D	Tap C	70 Volts	Tap B	150 Volts	Furuno
CA50F-24H	3 KW	Jumper D	Tap C	73 Volts	Tap B	116 Volts	Furuno
CA50BL-24H	3 KW	Jumper E	Tap C	80 Volts	Tap D		Furuno
CA50BL-24HR	3 KW	Jumper E	Tap E	90 Volts	Tap D	150 Volts	Furuno
CA50F-38 with BT-5	5 KW		FCV-1100 Tap D	90 Volts	Tap C	104 Volts	Furuno
CA50F-72 with BT-5	10 KW		FCV-1100 Tap D	90 Volts	Tap D		Furuno

<u>Single Frequency</u>	<u>Power</u>	<u>FCV-292</u>	<u>FCV-1100 &amp; BBFF 3</u>	<u>FCV-1200 &amp; 1500</u>	<u>FCV-295, DFF3 &amp; 1150</u>	<u>FCV-1900</u>	<u>Man.</u>
CA68F-8H	1 KW	Jumper B	Tap A	40 Volts	Tap A	78 Volts	Furuno
CA68F-30H	3 KW	Jumper C	Tap B	65 Volts	Tap B	113 Volts	Furuno
82B-35R	2 KW	Jumper E	Tap E	90 Volts	Tap E	112 Volts	Furuno
CA88B-8	1 KW	Jumper E	Tap E	85 Volts	Tap D	150 Volts	Furuno
CA88B-10	2 KW	Jumper C	Tap D	68 Volts	Tap C	125 Volts	Furuno
CA88F-126H	5 KW	Jumper D	Tap E	88 Volts	Tap E	150 Volts	Furuno
CA100B-10R	3 KW		Tap E	70 Volts	Tap E	130 Volts	Furuno
CA150B-12H	3 KW		Tap D	62 Volts	Tap C	125 Volts	Furuno
CA200B-5	1 KW					108 Volts	Furuno
CA200B-5S	1 KW	Jumper D	Tap D	70 Volts	Tap D	118 Volts	Furuno
CA200B-8/8B	2 KW	Jumper C	Tap C	72 Volts	Tap C	129 Volts	Furuno
CA200B-8N	2 KW	Jumper C	Tap B	72 Volts	Tap B		Furuno
CA200B-82M	2 KW	Jumper C	Tap C	72 Volts	Tap C	129 Volts	Furuno
CA200B-12H	5 KW	Jumper D	Tap D	93 Volts	Tap C	150 Volts	Furuno
CA400B-52	2 KW			93 Volts			Furuno
<b><u>Multi. Frequency</u></b>							
CA50/200-1ST	1 KW		50 Khz A - 200 Khz A	50 Khz 45V - 200 Khz 42V	50 Khz B - 200 Khz A		Furuno
CA50/200-1T	1 KW	50-A/200-D	50 Khz A - 200 Khz D	50 Khz 45V - 200 Khz 70V	50 Khz B - 200 Khz C	LF-87 HF-118	Furuno
CA50/200-12M	1 KW	50-A/200-D	50 Khz A - 200 Khz D	50 Khz 45V - 200 Khz 70V	50 Khz B - 200 Khz C	LF-112 HF-96	Furuno
CA50/200/400	2 KW		50 Khz Tap A	50 Khz 45 Volts			Furuno
			200 Khz Tap C	200 Khz 65 Volts			
<b>Other Manufactures Transducers</b>							
<b><u>Multi. Frequency</u></b>							
<b><u>Power</u></b>	<b><u>FCV-292</u></b>	<b><u>FCV-1100 &amp; BBFF 3</u></b>	<b><u>FCV-1200 &amp; 1500</u></b>	<b><u>FCV-295, DFF3 &amp; 1150</u></b>	<b><u>FCV-1900</u></b>	<b><u>Man.</u></b>	
526/527TID-HDN	1 KW	50-B, 200-B	BBFF3 50 Khz A - 200 Khz B 1100 50 Khz B - 200 Khz B	50 Khz 51V - 200 Khz 54V	50 Khz B - 200 Khz A	LF 128-HF 96	Airmar
B260/M260/SS260/SS560	1 KW	50-B, 200-B	BBFF3 50 Khz A - 200 Khz B 1100 50 Khz B - 200 Khz B	50 Khz 51V - 200 Khz 54V	50 Khz B - 200 Khz A	LF 128-HF 96	Airmar
SS-264/270 Widebeam	1 KW	50-B, 200-A	BBFF3 50 Khz A - 200 Khz A 1100 50 Khz B - 200 Khz A	50 Khz 51V - 200 Khz 51V	50 Khz B - 200 Khz A		Airmar
R-99/199	2 KW	50-B, 200-C	50 Khz B - 200 Khz D	50 Khz 62V - 200 Khz 82V	50 Khz C - 200 Khz B		Airmar
R-209/299	3/2 KW	50-D, 200-C	BBFF3 38-C 50-D 200 Khz B 1100 38-50 khz D - 200 Khz D	38-50 Khz 90V - 200 Khz 88V	38-50 Khz C 150 Khz-200 Khz A		Airmar
R-309/399	3/2 KW	200Khz -C	BBFF3 28-38 Khz C - 200 Khz B 1100 28-38 Khz D - 200 Khz D	28-38 Khz 90V - 200 Khz 88V	28 Khz -38 Khz C 150 Khz -200 Khz A	LF 150-HF 140	Airmar
28/55/100	3 KW		Tap E	28 KHz 90 Volts			Hondex
<b><u>Single Frequency</u></b>							
38E-9-18S1	2 KW	Jumper A	Tap B	77 Volts			Simrad
38E-M42	3 KW		Tap D	80 Volts			Simrad
50/3K/3F	3 KW		Tap A	54 Volts			Hondex

## Airmar Chirp Transducers

<b>Model</b>	<b>Power</b>	<b>Frequency</b>	<b>FCV-1200 &amp; 1500</b>	<b>FCV-295 &amp; 1150</b>	<b>FCV-1900</b>	<b>FCV-1900</b>	<b>FCV-1100</b>	<b>DFF3</b>
B175C-L	1 kW	40-60 kHz	42V	TAP A	<u>Chirp mode</u>	<u>CW mode</u>	TAP A	TAP A
B175C-M	1 kW	85-135 kHz	50V	TAP A			TAP A	TAP A
B175C-H	1 kW	130-210 kHz	50V	TAP A			TAP A	TAP A
B175C-HW	1 kW	150-250 kHz	50V	TAP A			TAP A	TAP A
SS175C-L	1 kW	40-60 kHz	42V	TAP A			TAP A	TAP A
SS175C-M	1 kW	85-135 kHz	50V	TAP A			TAP A	TAP A
SS175C-H	1 kW	130-210 kHz	50V	TAP A			TAP A	TAP A
SS175C-HW	1 kW	150-250 kHz	50V	TAP A			TAP A	TAP A
B265C-LH	1 kW	42-65 / 130-210 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A	LF 81-HF 102	LF 81-HF-90	TAP A-TAP A	TAP A-TAP A
B265C-LM	1 kW	42-65 / 85-135 kHz	LF 46V-HF 51V	LF TAP A-HF TAP A	LF 81-MF 85	LF 81-MF 85	TAP A-TAP A	TAP A-TAP A
B275C-LHW	1 kW	42-65 / 150-250 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A	LF 82-HF 94	LF 82-HF 94	TAP A-TAP A	TAP A-TAP A
CM265C-LH	1 kW	42-65 / 130-210 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A	LF 81-HF 102	LF 81-HF-90	TAP A-TAP A	TAP A-TAP A
CM265C-LM	1 kW	42-65 / 85-135 kHz	LF 46V-HF 51V	LF TAP A-HF TAP A	LF 81-MF 85	LF 81-MF 85	TAP A-TAP A	TAP A-TAP A
CM275C-LHW	1 kW	42-65 / 150-250 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A	LF 82-HF 94	LF 82-HF 94	TAP A-TAP A	TAP A-TAP A
PM265C-LH	1 kW	42-65 / 130-210 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A	LF 81-HF 102	LF 81-HF-90	TAP A-TAP A	TAP A-TAP A
PM265C-LM	1 kW	42-65 / 85-135 kHz	LF 46V-HF 51V	LF TAP A-HF TAP A	LF 81-MF 85	LF 81-MF 85	TAP A-TAP A	TAP A-TAP A
PM275C-LHW	1 kW	42-65 / 150-250 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A	LF 82-HF 94	LF 82-HF 94	TAP A-TAP A	TAP A-TAP A
M265C-LH	1 kW	42-65 / 130-210 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A			TAP A-TAP A	TAP A-TAP A
TM265C-LH	1 kW	42-65 / 130-210 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A	LF 81-HF 102	LF 81-HF-90	TAP A-TAP A	TAP A-TAP A
TM265C-LM	1 kW	42-65 / 85-135 kHz	LF 46V-HF 51V	LF TAP A-HF TAP A	LF 81-MF 85	LF 81-MF 85	TAP A-TAP A	TAP A-TAP A
TM275C-LHW	1 kW	42-65 / 150-250 kHz	LF 46V-HF 50V	LF TAP A-HF TAP A	LF 82-HF 94	LF 82-HF 94	TAP A-TAP A	TAP A-TAP A
CM111C-LH	2 kW	38-75 / 130-210 kHz	LF 76V-HF 75V	LF TAP B-HF TAP C			TAP A-TAP A	TAP B-TAP B
CM111C-LM	2 kW	38-75 / 80-130 kHz	LF 76V-HF 67V	LF TAP B-HF TAP B			TAP A-TAP A	TAP B-TAP B
CM111C-LHW	2/1 kW	38-75 / 150-250 kHz	LF 76V-HF 50V	LF TAP B-HF TAP A			TAP A-TAP A	TAP B-TAP A
PM111-LH	2 kW	38-75 / 130-210 kHz	LF 76V-HF 75V	LF TAP B-HF TAP C	LF 147-HF 137	LF 147-HF 135		
PM111-LM	2 kW	38-75 / 80-130 kHz	LF 76V-HF 67V	LF TAP B-HF TAP B	LF 147-MF 134	LF 147-MF 122		
R111C-LH	2 kW	38-75 / 130-210 kHz	LF 76V-HF 75V	LF TAP B-HF TAP C			TAP A-TAP A	TAP B-TAP B
R111C-LM	2 kW	38-75 / 80-130 kHz	LF 76V-HF 67V	LF TAP B-HF TAP B			TAP A-TAP A	TAP B-TAP B
R109C-LH	2 kW	38-75 / 130-210 kHz	LF 76V-HF 75V	LF TAP B-HF TAP C	LF 147-HF 137	LF 147-HF 135	TAP A-TAP A	TAP B-TAP B
R109C-LM	2 kW	38-75 / 80-130 kHz	LF 76V-HF 67V	LF TAP B-HF TAP B	LF 147-MF 134	LF 147-MF 122	TAP A-TAP A	TAP B-TAP B
R109C-LHW	2/1 kW	38-75 / 150-250 kHz	LF 76V-HF 50V	LF TAP B-HF TAP A			TAP A-TAP A	TAP B-TAP A
CM599C-LH	3/2 kW	28-60 / 130-210 KhZ	LF 82V-HF 75V	LF TAP C-HF TAP C	LF 137-HF 112	LF 134-HF 112	TAP B-TAP A	TAP B-TAP B
CM599C-LM	3/2 kW	28-60 / 80-130 Khz	LF 82V-HF 67V	LF TAP C-HF TAP B	LF 137-MF 128	LF 137-MF 128	TAP B-TAP A	TAP B-TAP B
CM599C-LHW	3/1 kW	28-60 / 150-250 kHz	LF 82V-HF 50V	LF TAP C-HF TAP A			TAP B-TAP A	TAP B-TAP A
R509C-LH	3/2 kW	28-60 / 130-210 KhZ	LF 82V-HF 75V	LF TAP C-HF TAP C	LF 137-HF 112	LF 134-HF 112	TAP B-TAP A	TAP B-TAP B
R509C-LM	3/2 kW	28-60 / 80-130 Khz	LF 82V-HF 67V	LF TAP C-HF TAP B	LF 137-MF 128	LF 137-MF 128	TAP B-TAP A	TAP B-TAP B
R509C-LHW	3/1 kW	28-60 / 150-250 kHz	LF 82V-HF 50V	LF TAP C-HF TAP A			TAP B-TAP A	TAP B-TAP A
R599C-LH	3/2 kW	28-60 / 130-210 KhZ	LF 82V-HF 75V	LF TAP C-HF TAP C	LF 137-HF 112	LF 134-HF 112	TAP B-TAP A	TAP B-TAP B
R599C-LM	3/2 kW	28-60 / 80-130 Khz	LF 82V-HF 67V	LF TAP C-HF TAP B	LF 137-MF 128	LF 137-MF 128	TAP B-TAP A	TAP B-TAP B
CM411LWM	2/2 kW	40-60/80-130 Khz			LF 121-MF 116			