

EM's range of **AC reactors** (*chokes*) are suited for all series Delta drives and are finely tuned to the manufacturers specifications.

Installing an AC reactor on the **input** side of an AC motor drive can increase line impedance, improve the power factor, reduce input current, and reduce harmonics generated from the motor drive.

Installing the AC reactor on the **output** side can allow the user to extend the output power cable further than otherwise possible (*actual length model dependant*). When multiple motors are installed on a single VFD which are being protected by manual motor starters it is advised to install an output choke.

General features:

- Compact dimensions
- Insulation class H - 1000 VAC
- Rated for Delta 400V drives
- High quality grain orientated silicon steel
- High operation temperature (125 °C)
- Normal operation temperature (40 to 50 °C) above ambient

new



AC Reactors - Input and Output Reactors 400V

type	motor rating	amp	millihenry	(H)	(W)	(D)
VFD022R43	2.2kW	6A	2.7mH	130	110	120
VFD040R43	4.0kW	10.5A	2.315mH	140	110	145
VFD055R43	5.5kW	13A	2.025mH	140	125	155
VFD075R43	7.5kW	18A	1.174mH	150	120	175
VFD110R43	11kW	24A	0.881mH	190	125	180
VFD150R43	15kW	32A	0.66mH	200	135	200
VFD185R43	18.5kW	38A	0.639mH	220	140	200
VFD220R43	22kW	45A	0.541mH	220	130	200
VFD300R43	30kW	60A	0.405mH	240	150	200
VFD370R43	37kW	73A	0.334mH	240	150	200
VFD450R43	45kW	91A	0.276mH	255	150	220
VFD550R43	55kW	110A	0.221mH	255	155	220
VFD750R43	75kW	150A	0.162mH	320	160	265
VFD900R43	90kW	180A	0.135mH	320	160	280
VFD1100R43	110kW	220A	0.110mH	325	190	300
VFD1320R43	132kW	260A	0.098mH	325	190	325
VFD1600R43	160kW	310A	0.078mH	325	200	300
VFD1850R43	185kW	370A	0.66mH	325	200	340
VFD2200R43	220kW	460A	0.054mH	325	220	340
VFD2800R43	280kW	550A	0.044mH	340	225	325
VFD3150R43	315kW	616A	0.039mH	325	235	340
VFD3550R43	355kW	683A	0.036mH	345	250	350
VFD4500R43	450kW	866A	0.028mH	425	280	410

Note: All chokes are based on 3% impedance, 5% available on request.

Other sizes and voltages available on request.

