

# ZENER AC Variable Speed Drives

MSC-3 Series

## MSC-3R Selection Table

380-480Vac 3 Phase, with EMC Filter

Model	Rating						Int. Amps	DC Choke	Chassis
	Variable Torque - Amps			Constant Torque - Amps					
	40°C	45°C	50°C	40°C	45°C	50°C			
MSC-3R1	2.0	2.0	2.0	1.6	1.6	1.6	3.0	Optional	A
MSC-3R3	3.6	3.3	3.0	3.1	3.1	3.0	4.7	Optional	A
MSC-3R5	5.0	4.5	4.1	4.2	4.2	4.1	6.3	Optional	A
MSC-3R7	7.2	6.6	6.0	6.1	6.1	6.0	9.0	Optional	A
MSC-3R11	10.8	9.9	9.0	9.1	9.1	9.0	13.4	Optional	A
MSC-3R15	14.9	13.7	12.4	12.7	12.7	12.4	19.0	Optional	B
MSC-3R23	22.5	20.7	18.8	19.1	19.1	18.8	28.6	Optional	B
MSC-3R30	30.1	27.6	25.0	25.6	25.6	25.0	38.4	Optional	B
MSC-3R40	40.3	37.1	33.8	34.1	34.1	33.8	51.1	Standard	B
MSC-3R55	55.0	50.6	46.0	46.6	46.6	46.0	69.9	Optional	C
MSC-3R82	82.0	75.7	69.1	68.9	68.9	68.9	104.3	Optional	C
MSC-3R109	109.0	100.3	91.3	92.0	92.0	91.3	138.6	Optional	C
MSC-3R140	140.0	129.7	118.9	116.9	116.9	116.9	178.0	Optional	C
MSC-3R170	170.0	155.9	141.3	132.6	132.6	132.6	199.0	Standard	C
MSC-3R220	220.0	201.0	180.0	161.0	161.0	161.0	242.0	Standard	D
MSC-3R260	260.0	236.0	210.0	191.0	191.0	191.0	286.0	Standard	D
MSC-3R315	315.0	291.0	267.0	231.0	231.0	231.0	346.5	Standard	D
MSC-3R360	360.0	336.0	311.0	264.0	264.0	264.0	396.0	Standard	D
MSC-3R390	390.0	362.0	333.0	286.0	286.0	286.0	429.0	Standard	D
MSC-3R430	430.0	400.0	369.0	315.0	315.0	315.0	473.0	Standard	D
MSC-3R490	490.0	457.0	422.0	359.0	359.0	359.0	539.0	Standard	D

## Dimensions

Chassis	IP30	IP66	IP66 S/Steel	IP54	With Floor mount kit
A	248h 102w 237d	310h 190w 236d	310h 190w 236d	-	-
B	459h 234w 243d	459h 234w 243d	459h 234w 243d	-	-
C	715h 470w 298d	715h 470w 298d	715h 470w 298d	-	-
D	1225h 555w 525d	-	-	1225h 555w 525d	1684h 555w 525d

## Catalogue Number Construction

