

Autotransformers for three-phase motor starting



Motor power: 10 ÷ 300 HP

Working voltage: 380 ÷ 480 VAC

Taps: 70% - 75% - 80%

Technical data

Starts/hour: 5

Consecutive starts: 2

Motor starting time: 10 sec.

Motor inrush current: 5,5 I_n

Frequency: 50/60 Hz

Protection rating: IP 00

Terminal board protection rating: IP00 - IP20

Ambient temperature: +40°C MAX

Thermal insulation class: F/155°C

Protection against direct and indirect contact: class I

Winding material: copper

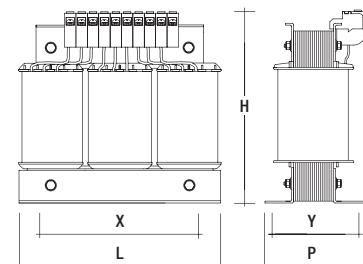
Standards: EN61558-2-13 EN60726

Approvals: cURus (insulation systems AB155 UL CSA file number E340840)



AVM series autotransformers for starting three-phase asynchronous motors with squirrel-cage rotor.

The use of these transformers limits motor inrush current.



Code	Motor power		Length L (mm)	Depth P (mm)	Height H (mm)	Fixing		Weight (Kg)
	HP	kW				X	Y	
AVM005XX	5	3,7	180	120	180	150	90	12
AVM010XX	10	7,5	180	135	180	150	105	14,5
AVM015XX	15	11	240	120	230	200	95	20
AVM020XX	20	15	240	120	230	200	95	21
AVM025XX	25	18,4	240	130	230	200	105	25
AVM030XX	30	22	240	145	230	200	120	30
AVM040XX	40	30	300	160	290	250	112	36
AVM050XX	50	37	300	170	290	250	122	45
AVM060XX	60	45	300	180	290	250	132	53
AVM075XX	75	55	300	190	290	250	142	56
AVM135XX	135	99	360	180-220	350	325	144	78
AVM150XX	150	110	360	190-230	350	325	154	83
AVM180XX	180	133	420	240	420	375	150	110
AVM200XX	200	148	420	250	420	375	160	120
AVM220XX	220	162	420	250	420	375	160	120
AVM250XX	250	184	420	260	420	375	170	140
AVM270XX	270	200	480	320	480	423	195	190
AVM300XX	300	220	480	330	480	423	205	220