



3.3.3 Types 9326 to 9332

	Type	EVS9326-ES	EVS9327-ES	EVS9328-ES	EVS9329-ES	EVS9330-ES	EVS9331-ES	EVS9332-ES
	Order No.	EVS9326-ES	EVS9327-ES	EVS9328-ES	EVS9329-ES	EVS9330-ES	EVS9331-ES	EVS9332-ES
	Type	EVS9326-CS	EVS9327-CS	EVS9328-CS				
	Order No.	EVS9326-CS	EVS9327-CS	EVS9328-CS				
Mains voltage	a_r [V]	320 V - 0 % ≤ V_r ≤ 528 V + 0 % ; 45 Hz - 0 % ... 65 Hz + 0 %						
Alternative DC supply	a_{DC} [V]	460 V - 0 % ≤ U_{DC} ≤ 740 V + 0 %						
Mains current with mains filter	I_r [A]	20.5	27.0	44.0	53.0	78.0	100	135
Mains current without mains filter		-	43.5	-	-	-	-	-
Ratings for operation at a mains: 3 AC / 400V / 50Hz/60Hz								
Motor power (4-pole ASM)	P_r [kW]	11.0	15.0	22.0	30.0	45.0	55.0	75.0
	P_r [hp]	15.0	20.5	30.0	40.0	60.0	73.5	100.0
Output power U _W (8 kHz*)	S_{r8} [kVA]	16.3	22.2	32.6	40.9	61.6	76.2	100.5
Output power + U_{DC} , - U_{DC} ²⁾	P_{DC} [kW]	0	10	4	0	5	0	0
Output current (8 kHz*) ¹⁾	I_{r8} [A]	23.5	32.0	47.0	59.0	89.0	110.0	145.0
Output current (16 kHz*) ¹⁾	I_{r16} [A]	15.3	20.8	30.6	38.0	58.0	70.0	90.0
Max. output current (8 kHz*)	I_{max8} [A]	35.3	48.0	70.5	88.5	133.5	165.0	217.5
Max. output current (16 kHz*)	I_{max16} [A]	23.0	31.2	45.9	57.0	87.0	105.0	135.0
Max. standstill current (8 kHz*)	I_{08} [A]	23.5	32.0	47.0	52.0	80.0	110.0	126.0
Max. standstill current (16 kHz*)	I_{016} [A]	15.3	20.8	30.6	33.0	45.0	70.0	72.0
Ratings for operation at a mains: 3 AC / 480V / 50Hz/60Hz								
Motor power (4-pole ASM)	P_r [kW]	11.0	18.5	30.0	37.0	45.0	55.0	90.0
	P_r [hp]	15.0	25.0	40.0	49.5	60.0	73.5	120.0
Output power U _W (8 kHz*)	S_{r8} [kVA]	18.5	25.0	37.0	46.6	69.8	87.3	104.0
Output power + U_{DC} , - U_{DC} ²⁾	P_{DC} [kW]	0	12	4.8	0	6	0	6
Output current (8 kHz*)	I_{r8} [A]	22.3	30.4	44.7	56.0	84.0	105.0	125.0
Output current (16 kHz*)	I_{r16} [A]	14.5	19.2	28.2	35.0	55.0	65.0	80.0
Max. output current (8 kHz*) ¹⁾	I_{max8} [A]	33.5	45.6	67.1	84.0	126.0	157.5	187.5
Max. output current (16 kHz*) ¹⁾	I_{max16} [A]	21.8	28.8	42.3	52.5	82.5	97.5	120.0
Max. standstill current (8 kHz*)	I_{08} [A]	22.3	30.4	44.7	49.0	72.0	105.0	111.0
Max. standstill current (16 kHz*)	I_{016} [A]	14.5	19.2	28.2	25.0	36.0	58.0	58.0
Motor voltage	a_M [V]	0 - 3 × V_{Mains}						
Power loss	P_{loss} [W]	360	430	640	810	1100	1470	1960
Power derating	$\left[\begin{array}{l} \%/K \\ \%/K \\ \%/m \end{array} \right]$	9326: at 40 °C < T_a < 55 °C: 2%/K (not UL approved) 9327 - 9332: at 40 °C < T_a < 50 °C: 2.5%/K (not UL approved) 1000 m amsl < h ≤ 4000 m amsl: 5%/1000m						
Weight	m [kg]	7.5	12.5	12.5	12.5	36.5	59	59

- 1) The currents apply to a periodical load cycle with 1 minute overcurrent with the current mentioned here and 2 minutes base load with 75% I_{ratedx}
 - 2) When operated under rated load, the controller can supply this power additionally.
- * Chopper frequency of the inverter (C0018)