

# FW2-dc



# GETEC

2 poles direct-current brushes rotating welders.  
 Protection: IP 23  
 Weldable electrodes: all types, included basic and cellulosic. Electronic regulation of welding current. Supplied with autoresettable thermal breaker against overload. Equipped with Tunable Arc Force, Hot Start and Anti Stick devices.  
 Can also be used as alternator  
 Shape: IM B34 - B3/B14, IM B35  
 B3/B9, IM B35 - J609b, SAE 4, SAE 5

## Technical characteristics of welder

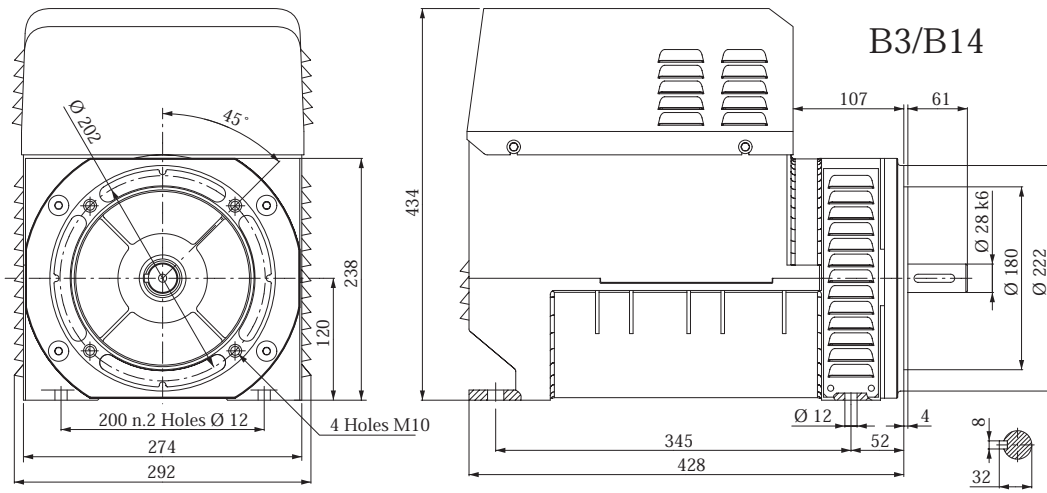
Type		Speed rpm	Weight kg	Welding current DC A	Strike voltage V	Welding voltage V	Duty	Required Input power
FW2 300 MDC		3000	85	30   300	75	21.2   32	300A 35% / 250A 60%	250A: 12 kW - 16Hp / 300A: 15 kW - 20 Hp
FW2 300 TDC		3000	85	30   300	75	21.2   32	300A 35% / 250A 60%	250A: 12 kW - 16Hp / 300A: 15 kW - 20 Hp
FW2 400 MDC		3000	85	30   400	70	21.2   36	400A 60%	400 A: 19 kW - 26 Hp
FW2 400 TDC		3000	85	30   400	70	21.2   36	400A 60%	400 A: 19 kW - 26 Hp
FW2 300 MDC	96312160.F2	3600	85	30   300	70	21.2   32	300A 35% / 250A 60%	250A: 12 kW - 16Hp / 300A: 15 kW - 20 Hp
FW2 300 TDC	96312160.Q2	3600	85	30   300	70	21.2   32	300A 35% / 250A 60%	250A: 12 kW - 16Hp / 300A: 15 kW - 20 Hp
FW2 400 MDC	96512160.F2	3600	85	30   400	70	21.2   36	400A 60%	400 A: 19 kW - 26 Hp
FW2 400 TDC	96512160.Q2	3600	85	30   400	70	21.2   36	400A 60%	400 A: 19 kW - 26 Hp

## Technical characteristics of alternator

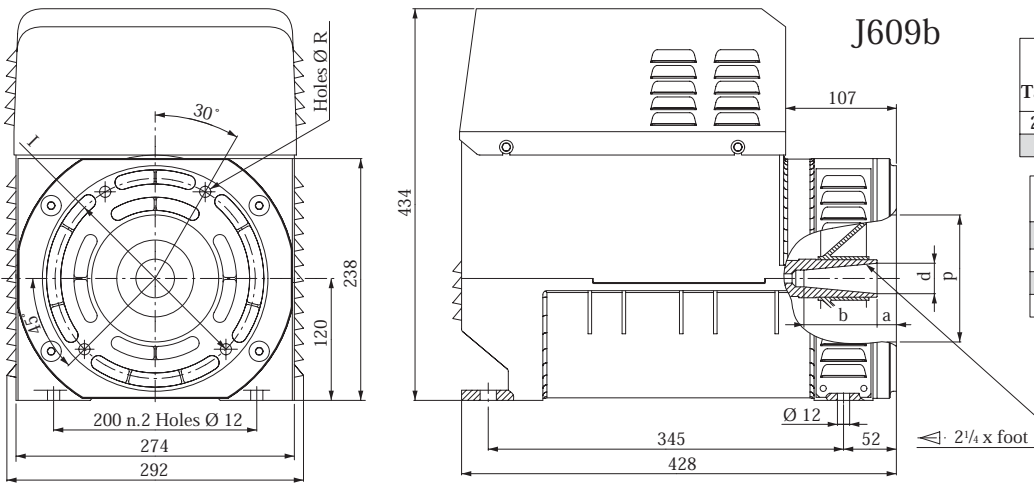
Type	Three phase (cos =0,8)				Single phase (cos =1)			
	Power (S1) - kVA	Voltage V	Current (max S1) A	Frequency Hz	Power (S1) - kVA	Voltage V	Current (max S1) A	Frequency Hz
FW2 300 MDC	-	-	-	-	7.4	230	30,4	50
FW2 300 TDC	10	400	14,4	50	4.0	230	17,4	50
FW2 400 MDC	-	-	-	-	7.0	230	30,4	50
FW2 400 TDC	10	400	14,4	50	4.0	230	17,4	50
FW2 300 MDC	-	-	-	-	9.0	240	37,5	60
FW2 300 TDC	12	416	16,7	60	4.8	240	20,0	60
FW2 400 MDC	-	-	-	-	9.0	240	37,5	60
FW2 400 TDC	12	416	16,7	60	4.8	240	20,0	60

NEW CHOPPER

ELECTRONIC TECHNOLOGY  
 ON FW2 400 MDC AND FW2 400 TDC



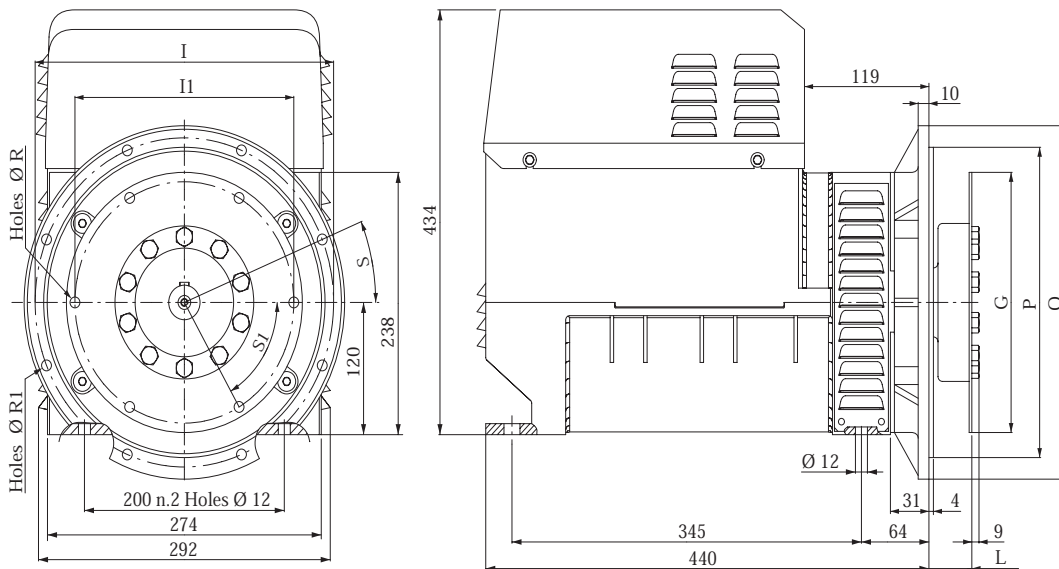
**B3/B14**



**J609b**

		Shaft		
Taper	d	a	b	
25.4	25.4	63.5	48	
35	30	39	72	

		Endbell		
I	p	Holes	R	
165	146.1	4	11	
197	163.6	4	11	
197	177.8	4	11	



**SAE**

		Bell Housing				
SAE	Q	P	I	Holes	R1	S
4	405	362	381	12	11	15°
5	358	314.3	333.4	8	11	22°30'

		Disk				
SAE	L	G	I1	Holes	R	S1
6.5	30.2	215.9	200	6	9	60°
7.5	30.2	241.3	222.2	8	9	45°