

DYSTRYBUTOR



**TECHNICAL**

**GRZEGORZ TĘGOS**

TECHNIKA NAPĘDU I TRANSMISJI MOCY

62-600 Koło, ul. Toruńska 212  
tel. 0-63/ 27 25 478 / fax. 0-63/ 26 16 258

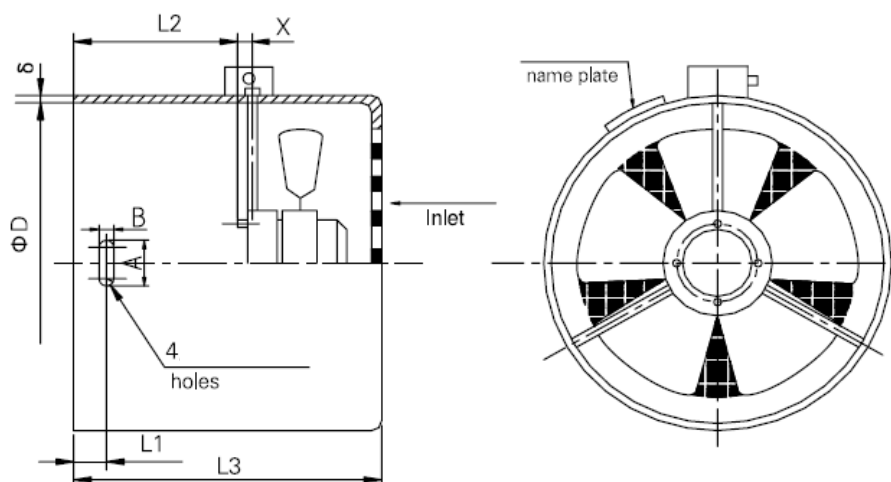
[www.technical.pl](http://www.technical.pl)  
[biuro@technical.pl](mailto:biuro@technical.pl)

Sklep internetowy  
[www.sklep.technical.pl](http://www.sklep.technical.pl)

# Obce chłodzenie silnika

## OBCE CHŁODZENIE SILNIKA

### ROZMIAR 63-132

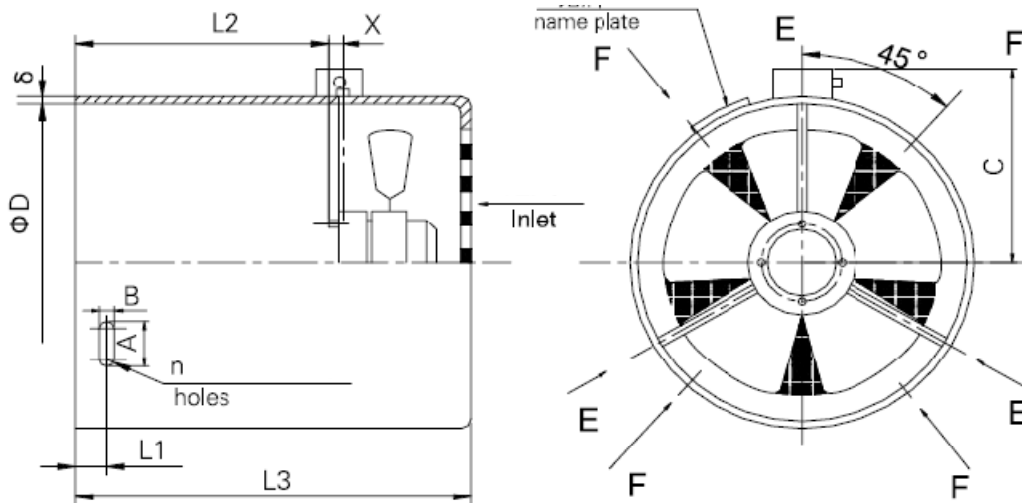


Modelo	$\phi D$	L1	X	L2	L3	$\delta$	A	B	n
G-63D3	$121^{+1}_0$	8±1	7	67	157	1.2	12	6	4
G-71D3	$138^{+1}_0$	13±1	7	77	167	1.2	12	6	4
G-80D3	$154^{+1}_0$	16.5±1	7	93	183	1.5	12	6	4
G-90D3	$173^{+1}_0$	17±1	7	100	192	1.5	12	6	4
G-100D3	$196^{+1}_0$	19±1	10	98	198	1.5	14	7	4
G-112D3	$219^{+1}_0$	18.5±1	10	103	203	1.5	14	7	4
G-132D3	$256^{+1}_0$	18.5±1	10	122	229	1.5	14	7	4

Modelo		50 Hz			60 Hz		
		U (V)	I (A,max)	P (W)	U (V)	I (A,max)	P (W)
G-63D3	1 $\mu$ F - 1 ~ $\Delta$	230	0.10	20	230	0.10	20
	3 ~ $\Delta$	230	0.10	25	230	0.10	25
	3 ~ Y	400	0.057	25	400	0.06	25
G-71D3	1 $\mu$ F - 1 ~ $\Delta$	230	0.12	25	230	0.10	20
	3 ~ $\Delta$	230	0.12	30	230	0.10	25
	3 ~ Y	400	0.072	30	400	0.06	25
G-80D3	1 $\mu$ F - 1 ~ $\Delta$	230	0.11	20	230	0.11	20
	3 ~ $\Delta$	230	0.11	25	230	0.11	25
	3 ~ Y	400	0.065	25	400	0.065	25
G-90D3	1 $\mu$ F - 1 ~ $\Delta$	230	0.1	20	230	0.1	22
	3 ~ $\Delta$	230	0.1	25	230	0.09	25
	3 ~ Y	400	0.057	25	400	0.05	25
G-100D3	2 $\mu$ F - 1 ~ $\Delta$	230	0.3	55	230	0.31	70
	3 ~ $\Delta$	230	0.3	70	230	0.25	70
	3 ~ Y	400	0.175	70	400	0.15	70
G-112D3	2 $\mu$ F - 1 ~ $\Delta$	230	0.33	75	230	0.40	95
	3 ~ $\Delta$	230	0.33	85	230	0.30	95
	3 ~ Y	400	0.175	85	400	0.17	100
G-132D3	2 $\mu$ F - 1 ~ $\Delta$	230	0.35	50	230	0.27	55
	3 ~ $\Delta$	230	0.35	55	230	0.28	55
	3 ~ Y	400	0.21	55	400	0.17	55

**OBCE CHŁODZENIE SILNIKA**

**ROZMIAR 160-355**



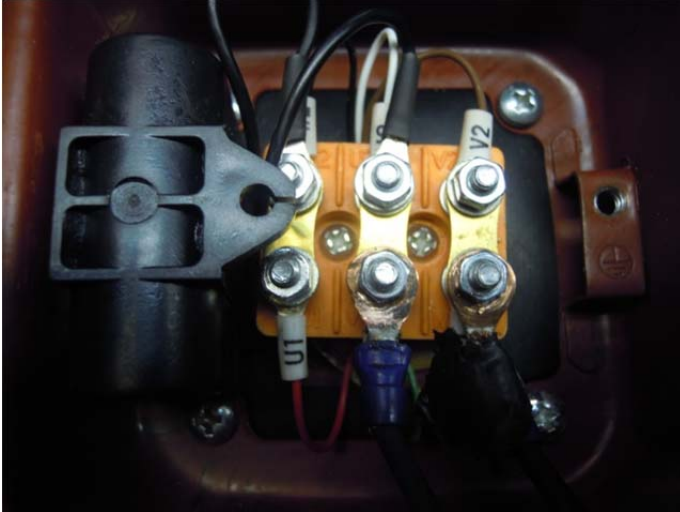
n=3 or 4, direction as E and F

Modelo	φD	L1	L2	X	L3	δ	A	B	n	C
G-160B3	311 <sup>+1</sup> <sub>0</sub>	20±1	149	10	277	1.5	14	7	4	210
G-180B3	352 <sup>+1</sup> <sub>0</sub>	35±1	190	10	312	1.5	14	7	4	231
G-200B3	393 <sup>+1</sup> <sub>0</sub>	40±1	190	10	314	1.5	17	9	4	252
G-225B3	443 <sup>+1</sup> <sub>0</sub>	45±1	220	12	374	2	17	9	4	276
G-250B3	482 <sup>+1</sup> <sub>0</sub>	55±1	240	12	402	2	17	9	4	296
G-280B3	546 <sup>+1</sup> <sub>0</sub>	65±1	265	12	429	2	25	11	4	362
G-315B3	614 <sup>+2</sup> <sub>0</sub>	75±1	310	20	505	2	25	11	4	398
G-355B3	694 <sup>+2</sup> <sub>0</sub>	82±1	380	20	585	2.5	25	13	4	437

		50 Hz			60 Hz		
		U (V)	I (A,max)	P (W)	U (V)	I (A,max)	P (W)
G-160B3	4 μF - 1 ~ Δ	230	0.37	65	230	0.36	80
	3 ~ Δ	230	0.37	65	230	0.36	80
	3 ~ Y	400	0.21	65	400	0.2	80
G-180B3	4 μF - 1 ~ Δ	230	0.42	85	230	0.43	110
	3 ~ Δ	230	0.39	85	230	0.39	110
	3 ~ Y	400	0.23	85	400	0.23	110
G-200B3	4 μF - 1 ~ Δ	230	0.50	100	230	0.55	125
	3 ~ Δ	230	0.40	105	230	0.40	125
	3 ~ Y	400	0.25	105	400	0.25	125
G-225B3	6 μF - 1 ~ Δ	230	0.5	85	230	0.5	100
	3 ~ Δ	230	0.5	85	230	0.45	90
	3 ~ Y	400	0.29	80	400	0.25	95
G-250B3	6 μF - 1 ~ Δ	230	0.9	120	230	1	145
	3 ~ Δ	230	0.9	90	230	0.55	230
	3 ~ Y	400	0.45	130	400	0.4	160
G-280B3	8 μF - 1 ~ Δ	230	1.00	180	230	1.1	240
	3 ~ Δ	230	0.90	180	230	0.9	240
	3 ~ Y	400	0.55	180	400	0.5	245
G-315B3	12 μF - 1 ~ Δ	230	2.5	500	230	3.5	800
	3 ~ Δ	230			230		
	3 ~ Y	400	1.02	555	400	1.3	800
G-355B3	16 μF - 1 ~ Δ	230	2.6	500	230	2.6	500
	3 ~ Δ	230			230		
	3 ~ Y	400	0.96	420	400	1.1	595

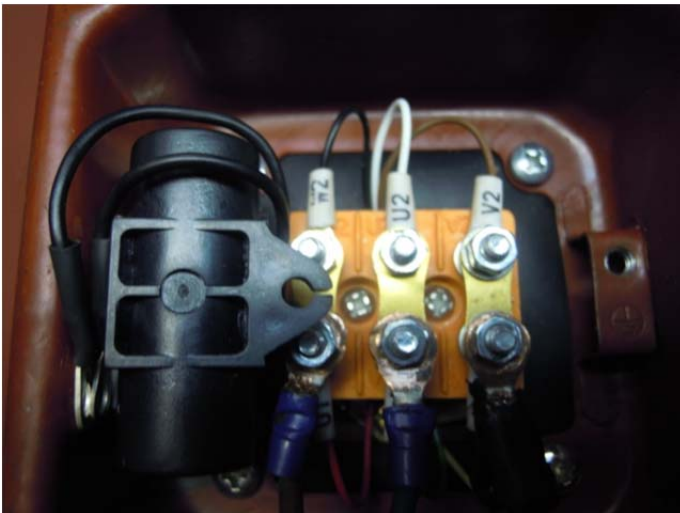
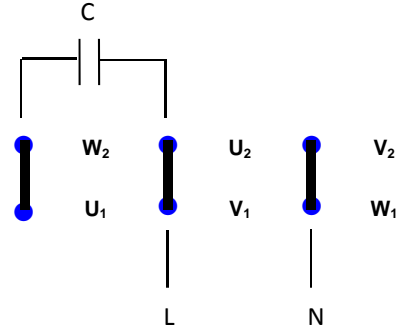
## CAUTION

Pay attention to terminal connection cables  
**ERROR IN CONNECTION MAY DAMAGE THE MOTOR**



### SINGLE-PHASE CONNECTION 230 V 50 Hz / 230 V 60 Hz

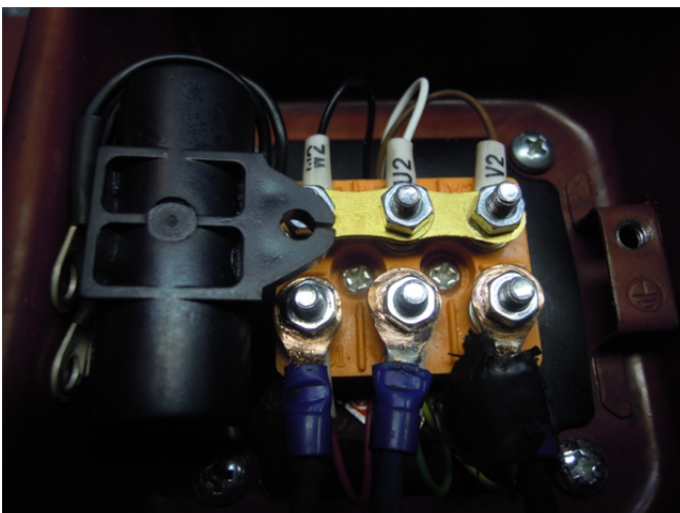
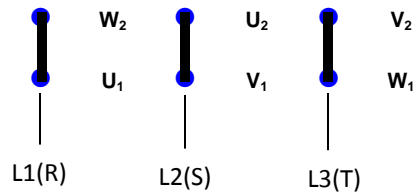
- 1.- Connect bridges in  $\Delta$  connection.
- 2.- Connect the condenser to U2 and W2 terminals.
- 3.- Connect the motor according the graph.



### THREE-PHASE $\Delta$ DELTA CONNECTION 230 V 50 Hz / 230 V 60 Hz

**CAUTION:** Verify that condenser is **NOT** connected

Connect the motor according the graph.



### THREE-PHASE Y STAR CONNECTION 400 V 50 Hz / 400 V 60 Hz

**CAUTION:** Verify that condenser is **NOT** connected

Connect the motor according the graph.

