



### Dimensiones

#### 6MWCP - MONOFASICO / 3 HILOS

MODELO	P2		L		PESO	
	[ HP ]	[ kW ]	[ mm ]	[ plg ]	[ Kg ]	[ lbs ]
6MWCP 75	7.5	5.5	598	23.5	43	95
6MWCP 100	10	7.5	653	25	48	106
6MWCP 150	15	11	718	28	55	121.6

#### 6MWCP- TRIFASICO / 3 HILOS

MODELO	P2		L		PESO	
	[ HP ]	[ kW ]	[ mm ]	[ plg ]	[ Kg ]	[ lbs ]
6MWCP 50	5	3.7	578	22.7	41	90.6
6MWCP 75	7.5	5.5	598	23.5	43	95
6MWCP 100	10	7.5	653	25.7	48	106
6MWCP 150	15	11	718	28.3	55	121.6
6MWCP 200	20	15	798	31.4	61	134.8
6MWCP 250	25	18.5	858	33.8	68	150.3
6MWCP 300	30	22	898	35.3	74	163.6
6MWCP 400	40	30	1063	41.8	88	194.5
6MWCP 500	50	37	1198	47.2	137	302.8

### Datos Eléctricos 60 Hz

#### 6MWCP - MONOFASICO / 3 HILOS

MODELO	P <sub>N</sub>		CARGA AXIAL [ kN ]	VOLT. V	SF	I <sub>n</sub>			I <sub>n</sub> (SF)			N rpm	η %	Cos φ (% carga) sf	CABLE size	CABLE LC ft
	[ kW ]	[ HP ]				A			A							
						line	main	aux	line	main	aux					
6MWCP 75C163V	5.5	7.5	20	230	1.15	36.8	34.6	5.5	42.3	39.8	6.3	3445	73	0.89	3X10 AWG	12
6MWCP 100C163V	7.5	10	20	230	1.15	45.2	40.6	9.5	52	46.7	10.9	3450	75	0.94	3X10 AWG	12
6MWCP 150C163V	11	15	20	230	1.15	62.4	51.8	17.5	71.8	59.6	20.1	3460	78	0.96	3X10 AWG	12

CAPACITOR (μF)		
POWER	CAP. START	CAP. RUN
7,5 HP	145	130
10 HP	280	140
15 HP	300	200

WIRE / CABLE	US	PEARL
Line or Common Winding	(Yellow) lead	(Black) lead
Main Winding	(Black) lead	(Gray) lead
Start or Auxiliar Winding	(Red) lead	(Brown) lead
Ground	(Green) lead	(Yellow/Green) lead

RESISTENCIA [Ω]		
Yellow-Red Wire	Yellow-Black Wire	Red-Black Wire
1.18	0.42	1.57
0.83	0.35	1.14
0.58	0.24	0.80

#### 6MWCP - TRIFASICO / 3 HILOS

MODELO	P <sub>N</sub>		CARGA AXIAL [ kN ]	VOLT. V	N rpm	I <sub>n</sub> A	IN - SF A	I <sub>A</sub> A	η (% carga)			Cos φ (% carga)			TN Nm	TA Nm	RESISTENCIA 3 ~ 60 hz DoI (U1-V1) [Ω]
	[ HP ]	[ kW ]							50	75	100	50	75	100			
6MWCP 50D363V	5	4	20	460	3470	7,8	9	32,0	71.1	75.9	78	0.73	0.79	0.83	10,9	18,1	4.75
6MWCP 50C363V				230	3455	16.3	18.7	66,9	70	75	78	0.73	0.79	0.83	11,2	19,0	1.72
6MWCP 75D363V	7,5	5,5	20	460	3430	9,8	11.3	52,5	73.5	78.6	80	0.79	0.83	0.88	15,2	29,2	3.12
6MWCP 75C363V				230	3415	20.5	23.6	109,8	72.5	77.5	79	0.79	0.83	0.88	15,5	30,1	1.32
6MWCP 100D363V	10	7,5	20	460	3460	14,2	16.3	75,0	69.6	75.6	78	0.74	0.81	0.85	20,5	44,8	1.59
6MWCP 100C363V				230	3445	29.7	34.2	156,8	69	74.7	77	0.79	0.83	0.88	20,8	45,7	0.46
6MWCP 150D363V	15	11	20	460	3490	18,0	20.7	97,2	72.6	78.1	85	0.75	0.81	0.9	30,1	71,0	0.83
6MWCP 150C363V				230	3475	37.6	43.2	203,2	71.6	77.2	84	0.75	0.81	0.9	30,4	71,9	0.51
6MWCP 200D363V	20	15	20	460	3485	26,4	30.4	195,0	72.3	77.9	81	0.77	0.81	0.86	41,1	98,0	0.83
6MWCP 200C363V				230	3470	55.2	63.5	407,7	71.5	77	81	0.77	0.81	0.86	41,4	98,9	0.33
6MWCP 250D363V	25	18,5	20	460	3490	34,1	39.2	265,0	71.8	77.5	82	0.74	0.8	0.85	50,5	138,0	0.95
6MWCP 250C363V				230	3475	71.3	82	554,1	70.9	76.5	82	0.74	0.8	0.85	50,8	138,9	0.25
6MWCP 300D363V	30	22	20	460	3485	39,5	45.4	300,0	74.4	79.3	82	0.75	0.8	0.86	60,2	157,0	0.54
6MWCP 300C363V				230	3470	82.6	95	627,3	73.4	79.3	82	0.75	0.8	0.86	60,5	157,9	0.16
6MWCP 400D363V	40	30	26,5	460	3490	55,6	63.9	444,0	73.1	78.4	83	0.74	0.8	0.84	81,6	240,0	0.42
6MWCP 400C363V				230	3475	116,3	133.7	928,4	72.2	77.5	83	0.74	0.8	0.84	81,9	240,9	0.14
6MWCP 500D363V	50	37	26,5	460	3480	69,0	79.4	516,0	73.4	78.6	83	0.7	0.78	0.83	100,7	249,0	0.33
6MWCP 500C363V				230	3465	144,3	165.9	1.078,9	73.5	77.7	83	0.7	0.78	0.83	101,0	249,9	0.12

P2: Potencia nominal  
 V: Tensión nominal  
 SF: Factor de servicio  
 I<sub>n</sub>: Corriente normal  
 I<sub>n</sub> (SF): Corriente normal  
 I<sub>s</sub>/I<sub>n</sub>: Corriente de arranque-corriente nominal  
 C<sub>s</sub>/C<sub>n</sub>: Torque de arranque-Torque nominal

P1: Potencia absorbida  
 N: RPM Revoluciones por minuto  
 Cos φ: Factor de potencia  
 η: Rendimiento  
 C: Condensador  
 Ø: Sección del cable  
 LC: Longitud de cable