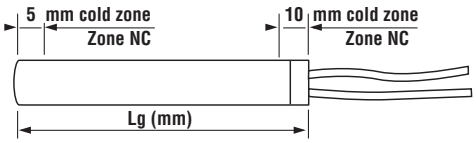
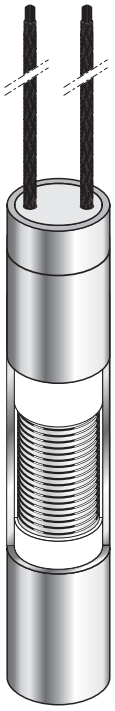
CHDM / CHDP

High Watts density cartridge heaters
Cartouches haute charge

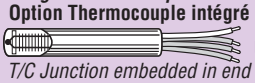




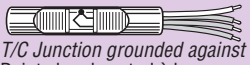
Cartridges are made with a nickel-chrome resistance wire spiral wound around a magnesia former, which is then sheathed, with stainless steel and magnesium oxide. The whole assembly is then swaged to achieve a high compaction ratio.
This compaction gives the heater its excellent thermal conductivity properties that allow very high power densities.
Over 500 versions are available from stock or on short delivery.
They are designed for industrial applications where high power density is required. Cartridge heaters of this type are used extensively in the plastics industry and other tool or mould heating applications where there compact size to power ratio is an advantage.
Standard features
- *Thick wall stainless steel sheath*
- *CHDP range available 1/4", 3/8", 1/2", 5/8", and 3/4"*
- *CHDM range available 6.5, 8,12.5, 16, and 20mm*
- *Watts density up to 80w/cm2 **
- *Max working temp 800 C*
- *Stock units are rated 230v*
- *Standard connection is 250mm high temp leads*
- *J or K Thermocouples can be fitted*

Cartouches à fil nickel-chrome bobiné sur noyau de magnésie pré-compriméé tolérancé, parfaitement centré au cœur du blindage métallique, garantissant un échange thermique et un isolement électrique optimal après remplissage de l'interstice par de la poudre d'oxyde de magnésium et compression par martellage.
Plus de **500** modèles standardisés disponibles sous délais court, pour applications industrielles les plus exigeantes (compacité / flux thermique élevé / hautes températures / résistances aux vibrations / grande fiabilité):
Plasturgie - Machines outils
Echangeurs haut flux.
- Blindage AISI 321 de forte épaisseur
- Ø 1/4" - 3/8" - 1/2" - 5/8" - 3/4" (CHDP) ou métrique Ø 6,5 - 8 - 10 - 12,5 - 16 - 20mm (CHDM)
- Charge 4 à 80W/cm² - **T max 800C**
- Puissance 75 à 5000W
- Tension nominale 230V
- Câble d'alimentation en nickel pur isolé soie de verre (Lg standard 250mm) ou sorties optionnelles standardisées.
- Option thermocouple intégré (type "J" ou "K" à préciser)

Integral thermocouple
Option Thermocouple intégré


UTC 1
T/C Junction embedded in end disc
Point chaud d'extrémité à la masse

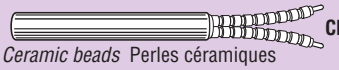
UTC 2
T/C Junction in core
Point chaud central isolé

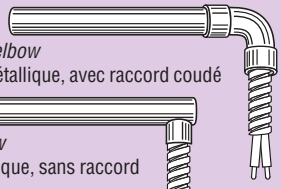

UTC 3
T/C Junction grounded against sheath
Point chaud central à la masse

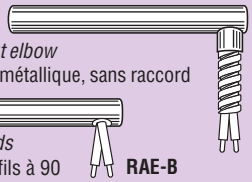
Optional standardized terminals
Sorties optionnelles standardisées

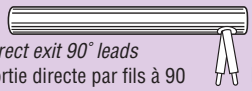
PFC
Flexible metal conduit Gaine métallique flexible

PFT
Flexible metal braid Tresse métallique flexible


CBI
Ceramic beads Perles céramiques


Metal conduit with 90° elbow
Sortie à 90 par gaine métallique, avec raccord coudé
RAE-C


Metal conduit without elbow
Sortie à 90 par gaine métallique, sans raccord
RAE-A


Direct exit 90° leads
Sortie directe par fils à 90
RAE-B

Standard flange dimension
Dimension des brides inox standard

Ø		D	C	H	S
6,5 - 1/4"	8 - 5/16"	25	19	3,5	2
10 - 3/8"	12,5 - 1/2"				
6,5 - 1/4"	8 - 5/16"	35	28	4,5	2
10 - 3/8"	12,5 - 1/2"				
16 - 5/8"	20 - 3/4"				

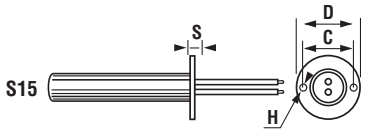
Dimension of small right angle flanges
Dimension des brides à angle droit

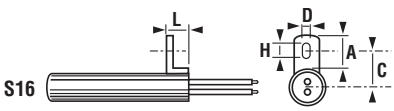
Ø	6,5 - 1/4"	8 - 5/16"	10 - 3/8"	12,5 - 1/2"	16 - 5/8"	20 - 3/4"
A	10	11	13	15	18	22
C	8,7	10	13	15,8	18	23
D	3,2	3,2	4,2	5,3	5,4	6,2
H	6	7	9	11	13,5	16,6
L	5,7	6	6,6	6,8	10,3	12

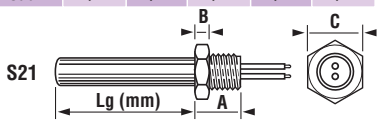
Table of standard stainless steel threaded fittings
Carractéristiques des raccords filetés inox

Ø mm	6,5	8	10	12,5	16	20
A	11	13	15	17	20	25
B	4	4,5	5	5,5	6	7
C	12	14	17	19	24	30
Thread	10x1	12x1,5	14x1,5	16x1,5	20x1,5	27x1,5

Ø inches	1/4"	3/8"	1/2"	5/8"	3/4"
A	11	15	17	20	25
B	4	5	5,5	6	7
C	12	17	19	24	30
Thread	1/8"	1/4"	3/8"	1/2"	3/4"







Please note that the maximum power and temperature limits are governed by the fit of the cartridge and the application.

Maximum admissible clearance between hole and cartridge, as a function of density W/cm² and working temperature
Jeu maximal admissible entre perçage et cartouche, en fonction de la charge W/cm² et de la température d'utilisation

Using temperature Température d'utilisation	*Watt density* W/cm² Charge W/cm²																				
	2	3	4	5	6	7	8	9	10	12	15	18	20	25	30	35	40	50	60	70	80
100°C							2,00	1,75	1,50	1,00	0,65	0,55	0,50	0,40	0,30	0,25	0,22	0,20	0,15	0,13	0,10
200°C						2,00	1,75	1,50	1,25	0,75	0,60	0,50	0,45	0,35	0,25	0,20	0,17	0,15	0,12	1,00	0,08
300°C						1,75	1,50	1,30	1,00	0,70	0,55	0,50	0,40	0,35	0,25	0,18	0,15	0,10	0,085	0,075	0,06
400°C						1,30	1,20	1,00	0,70	0,60	0,50	0,40	0,35	0,30	0,20	0,10	0,08	0,07	0,065	0,060	0,050
500°C					2,00	1,50	1,30	1,00	0,60	0,50	0,35	0,30	0,20	0,15	0,10	0,085	0,075	0,050	0,045	0,040	0,035
600°C				2,00	1,50	0,70	0,55	0,45	0,35	0,25	0,20	0,15	0,10	0,075	0,050	0,045	0,040	0,035	0,030	0,025	0,020
700°C			1,00	0,60	0,50	0,30	0,20	0,15	0,10	0,085	0,065	0,050	0,040	0,030	0,025	0,020	0,015				
800°C	1,30	0,35	0,15	0,08	0,065	0,040	0,035	0,030	0,025	0,020	0,015	0,010									

CHDM

Metric high watt density cartridges
Cartouches chauffantes haute charge (côtes métriques)

Ø 6,5mm (– 0.03 / – 0.05)

Leng./Long.	W/230V	W/cm sq	Ref.
25mm	75	25	CHDM10102
	100	33	CHDM10103
	150	50	CHDM10105
	175	58	CHDM10106
40mm	100	18	CHDM10203
	125	22	CHDM10204
	150	27	CHDM10205
	175	31	CHDM10206
	200	36	CHDM10207
	250	44	CHDM10208
50mm	125	17	CHDM10304
	150	20	CHDM10305
	175	24	CHDM10306
	200	27	CHDM10307
	250	34	CHDM10308
60mm	125	13	CHDM10404
	150	16	CHDM10405
	175	19	CHDM10406
	200	21	CHDM10407
	250	26	CHDM10408
	300	32	CHDM10409
80mm	125	9	CHDM10504
	175	13	CHDM10505
	200	15	CHDM10507
	250	19	CHDM10508
	300	22	CHDM10509
100mm	125	7	CHDM10604
	150	9	CHDM10605
	200	12	CHDM10607
	250	15	CHDM10608
	300	17	CHDM10609
	350	20	CHDM10610
	400	23	CHDM10611
130mm	125	7	CHDM10704
	150	8	CHDM10705
	200	9	CHDM10707
	250	17	CHDM10709
	350	20	CHDM10710
	400	23	CHDM10711
160mm	150	5	CHDM10805
	200	7	CHDM10807
	300	10	CHDM10809
	350	12	CHDM10810
	400	14	CHDM10811
	500	17	CHDM10812

Ø 8mm (– 0.04 / – 0.06)

Leng./Long.	W/230V	W/cm sq	Ref.
40mm	125	18	CHDM20204
	150	21	CHDM20205
	200	28	CHDM20207
50mm	125	13	CHDM20304
	150	16	CHDM20305
	200	22	CHDM20307
	250	27	CHDM20308
60mm	125	11	CHDM20404
	150	13	CHDM20405
	200	17	CHDM20407
	250	21	CHDM20408
	300	25	CHDM20409
	400	34	CHDM20411
80mm	150	9	CHDM20505
	175	11	CHDM20506
	200	12	CHDM20507
	250	15	CHDM20508
	300	18	CHDM20509
	400	24	CHDM20511
100mm	175	8	CHDM20606
	200	9	CHDM20607
	250	12	CHDM20608
	300	14	CHDM20609
	400	19	CHDM20611
130mm	175	6	CHDM20706
	200	7	CHDM20707
	250	9	CHDM20708
	300	10	CHDM20709
	400	14	CHDM20711
160mm	200	6	CHDM20807
	250	7	CHDM20808
	300	8	CHDM20809
	400	11	CHDM20811
	500	14	CHDM20812
	600	17	CHDM20813

Ø 10mm (– 0.04 / – 0.07)

Leng./Long.	W/230V	W/cm sq	Ref.
25mm	75	16	CHDM30102
	100	21	CHDM30103
	150	32	CHDM30105
	200	43	CHDM30107

Ø 10mm (*follow* / suite)

Leng./Long.	W/230V	W/cm sq	Ref.
40mm	100	12	CHDM30203
	125	15	CHDM30204
	150	18	CHDM30205
	200	24	CHDM30207
	250	30	CHDM30208
	300	37	CHDM30209
50mm	125	11	CHDM30304
	150	13	CHDM30305
	200	18	CHDM30307
	250	22	CHDM30308
	300	26	CHDM30309
	400	36	CHDM30311
60mm	125	9	CHDM30404
	150	11	CHDM30405
	200	14	CHDM30407
	250	18	CHDM30408
	300	21	CHDM30409
	400	28	CHDM30411
80mm	150	7	CHDM30505
	200	10	CHDM30507
	250	12	CHDM30508
	300	15	CHDM30509
	400	20	CHDM30511
	500	25	CHDM30512
100mm	200	8	CHDM30607
	250	9	CHDM30608
	300	11	CHDM30609
	350	13	CHDM30610
	400	15	CHDM30611
	500	19	CHDM30612
	600	23	CHDM30613
130mm	250	7	CHDM30708
	300	8	CHDM30709
	400	11	CHDM30711
	500	14	CHDM30712
	600	17	CHDM30713
	800	22	CHDM30715
160mm	300	7	CHDM30809
	400	9	CHDM30811
	500	44	CHDM30812
	600	13	CHDM30813
	800	18	CHDM30815
200mm	400	7	CHDM30911
	500	9	CHDM30912
	600	10	CHDM30913
	800	14	CHDM30915
	1000	18	CHDM30916

Ø 12,5mm (– 0.05 / – 0.08)

Leng./Long.	W/230V	W/cm sq	Ref.
40mm	125	13	CHDM40204
	160	16	CHDM40206
	200	20	CHDM40207
	250	25	CHDM40208
	300	30	CHDM40209
	350	25	CHDM40210
	400	40	CHDM40211
	500	50	CHDM40212
50mm	160	12	CHDM40306
	200	15	CHDM40307
	250	18	CHDM40308
	300	22	CHDM40309
	350	25	CHDM40310
	400	29	CHDM40311
	500	38	CHDM40312
	600	44	CHDM40313
60mm	125	7	CHDM40404
	160	9	CHDM40405
	200	12	CHDM40407
	250	15	CHDM40408
	300	17	CHDM40409
	350	20	CHDM40410
	400	23	CHDM40411
	500	29	CHDM40412
	600	35	CHDM40413
80mm	125	5	CHDM40504
	160	6	CHDM40506
	200	8	CHDM40507
	250	10	CHDM40508
	300	12	CHDM40509
	350	14	CHDM40510
	400	16	CHDM40511
	500	20	CHDM40512
	600	24	CHDM40513
	750	30	CHDM40514
100mm	160	5	CHDM40606
	200	6	CHDM40607
	250	8	CHDM40608
	300	9	CHDM40609
	400	12	CHDM40611
	500	15	CHDM40612

Ø 12,5mm (*follow* / suite)

Leng./Long.	W/230V	W/cm sq	Ref.
100mm	600	18	CHDM40613
	800	25	CHDM40615
	1000	31	CHDM40616
130mm	250	6	CHDM40708
	300	7	CHDM40709
	400	9	CHDM40711
	500	11	CHDM40712
	600	14	CHDM40713
	800	18	CHDM40715
	1000	22	CHDM40716
160mm	400	7	CHDM40811
	500	8	CHDM40812
	600	10	CHDM40813
	800	13	CHDM40815
	1000	17	CHDM40816
	1200	20	CHDM40817
200mm	300	4	CHDM40909
	500	7	CHDM40912
	600	8	CHDM40913
	800	11	CHDM40915
	1000	14	CHDM40916
	1200	17	CHDM40917
	1500	21	CHDM40920
250mm	500	5	CHDM41012
	800	9	CHDM41015
	1000	11	CHDM41016
	1250	14	CHDM41018
	1500	17	CHDM41020
	2000	22	CHDM41023
300mm	500	5	CHDM41112
	800	7	CHDM41115
	1000	9	CHDM41116
	1250	11	CHDM41118
	1500	14	CHDM41120
	2000	18	CHDM41123

Ø 16mm (– 0.05 / – 0.08)

Leng./Long.	W/230V	W/cm sq	Ref.
40mm	160	13	CHDM50206
	200	16	CHDM50207
	250	20	CHDM50208
	300	24	CHDM50209
	400	32	CHDM50211
	500	40	CHDM50212
50mm	160	9	CHDM50306
	200	11	CHDM50307
	250	14	CHDM50308
	300	17	CHDM50309
	400	23	CHDM50311
	500	28	CHDM50312
	600	34	CHDM50313
60mm	160	8	CHDM50406
	200	10	CHDM50407
	250	12	CHDM50408
	300	15	CHDM50409
	400	20	CHDM50411
	500	24	CHDM50412
	600	30	CHDM50413
80mm	250	8	CHDM50508
	300	10	CHDM50509
	400	13	CHDM50511
	500	16	CHDM50512
	600	20	CHDM50513
	800	26	CHDM50515
	1000	33	CHDM50516
100mm	300	7	CHDM50609
	400	10	CHDM50611
	500	12	CHDM50612
	600	15	CHDM50613
	800	20	CHDM50615
	1000	25	CHDM50616
	1200	30	CHDM50617
130mm	400	7	CHDM50711
	500	10	CHDM50712
	600	12	CHDM50713
	800	15	CHDM50715
	1000	20	CHDM50716
	1200	25	CHDM50717
160mm	400	6	CHDM50811
	500	7	CHDM50812
	600	8	CHDM50813
	800	11	CHDM50815
	1000	14	CHDM50816
	1300	19	CHDM50819
	1600	23	CHDM50821
200mm	500	6	CHDM50912
	800	7	CHDM50915
	1000	8	CHDM50916
	1250	11	CHDM50918
	1500	14	CHDM50920
	2000	19	CHDM50923
250mm	500	4	CHDM51012

Ø 16mm (*follow* / suite)

Leng./Long.	W/230V	W/cm sq	Ref.
250mm	800	7	CHDM51015
	1000	9	CHDM51016
	1300	11	CHDM51019
	1600	14	CHDM51021
	2000	17	CHDM51023
300mm	500	4	CHDM51112
	800	6	CHDM51115
	1000	7	CHDM51116
	1300	9	CHDM51119
	1500	11	CHDM51120
	1800	13	CHDM51122
	2000	14	CHDM51123
	2500	18	CHDM51124
350mm	750	5	CHDM51214
	1000	6	CHDM51216
	1300	8	CHDM51219
	1600	10	CHDM51221
	2000	12	CHDM51223
	2500	15	CHDM51224
400mm	1000	5	CHDM51316
	1300	7	CHDM51319
	1600	8	CHDM51321
	2000	10	CHDM51323
	2500	13	CHDM51324

Ø 20mm (– 0.06 / – 0.10)

Leng./Long.	W/230V	W/cm sq	Ref.
60mm	200	8	CHDM60407
	300	12	CHDM60409
	500	20	CHDM60412
	600	24	CHDM60413
	800	32	CHDM60415
80mm	300	8	CHDM60509
	400	11	CHDM60511
	500	14	CHDM60512
	600	16	CHDM60513
	800	22	CHDM60515
	1000	27	CHDM60516
	1250	34	CHDM60518
100mm	400	8	CHDM60611
	600	12	CHDM60613
	800	16	CHDM60615
	1000	20	CHDM60616
	1300	27	CHDM60619
	1600	32	CHDM60621
130mm	400	6	CHDM60711
	500	7	CHDM60712
	600	9	CHDM60713
	800	12	CHDM60715
	1000	15	CHDM60716
	1500	22	CHDM60720
	2000	30	CHDM60723
160mm	500	6	CHDM60812
	800	9	CHDM60815
	1000	12	CHDM60816
	1500	18	CHDM60820
	2000	23	CHDM60823
200mm	800	7	CHDM60915
	1000	9	CHDM60916
	1300	12	CHDM60919
	1600	15	CHDM60921
	2000	18	CHDM60923
	2500	23	CHDM60924
250mm	800	6	CHDM61015
	1000	7	CHDM61016
	1500	11	CHDM61020
	2000	14	CHDM61023
	2500	18	CHDM61024
300mm	1000	6	CHDM61116
	1500	9	CHDM61120
	2000	12	CHDM61123
	2500	15	CHDM61124
350mm	1500	7	CHDM61220
	2000	10	CHDM61223
	2500	12	CHDM61224
	3000	15	CHDM61225
	3500	17	CHDM61226
400mm	1500	6	CHDM61320
	2000	9	CHDM61323
	2500	11	CHDM61324
	3000	13	CHDM61325
	2500	15	CHDM61326
	4000	17	CHDM61327
450mm	2000	7	CHDM61423
	2500	9	CHDM61424
	3000	12	CHDM61425
	2500	15	CHDM61426
	4000	23	CHDM61427
500mm	2000	7	CHDM61523
	3000	10	CHDM61525
	4000	14	CHDM61527
	5000	17	CHDM61528

Note: *All stock items are complete with 250mm fibre glass insulated power leads.*
Tolerance on wattage +5 to -10% (Norm EN 60335)

Nota: Toutes les références ont une sortie par fils de 250mm – Tolérance sur la puissance + 5 à -10% (Norme EN 60335)

CHDP

Imperial high watt density cartridges
Cartouches chauffantes haute charge (côtes en pouces)

Ø 1/4" (– 0.03 / – 0.05)			
Leng./Long.	W/230V	W/cm sq	Ref.
1"	75	25	CHDP10102
	100	33	CHDP10103
	150	50	CHDP10105
	175	58	CHDP10106
1 1/2"	75	14	CHDP10202
	100	19	CHDP10203
	125	24	CHDP10204
	150	29	CHDP10205
	175	34	CHDP10206
	200	38	CHDP10207
	250	48	CHDP10208
2"	100	13	CHDP10303
	125	16	CHDP10304
	150	20	CHDP10305
	175	23	CHDP10306
	200	16	CHDP10307
	250	34	CHDP10308
	300	38	CHDP10309
2 1/2"	100	10	CHDP10403
	125	13	CHDP10404
	150	15	CHDP10405
	175	18	CHDP10406
	200	20	CHDP10407
	250	25	CHDP10408
	300	30	CHDP10409
3"	100	8	CHDP10503
	150	12	CHDP10505
	175	14	CHDP10506
	200	16	CHDP10507
	250	20	CHDP10508
	300	24	CHDP10509
	400	32	CHDP10511
3 1/2"	150	10	CHDP10605
	200	13	CHDP10607
	250	16	CHDP10608
	300	20	CHDP10609
4"	125	7	CHDP10704
	150	9	CHDP10705
	175	10	CHDP10706
	200	11	CHDP10707
	250	14	CHDP10708
	300	17	CHDP10709
	350	19	CHDP10710
5"	150	7	CHDP10905
	200	9	CHDP10907
	250	11	CHDP10908
	300	13	CHDP10909
	350	15	CHDP10910
	400	18	CHDP10911
6"	150	5	CHDP11105
	200	7	CHDP11107
	300	11	CHDP11109
	350	13	CHDP11110
	400	15	CHDP11111
	500	18	CHDP11112

Ø 3/8" (– 0.04 / – 0.07)			
Leng./Long.	W/230V	W/cm sq	Ref.
1"	75	17	CHDP20102
	100	22	CHDP20103
	150	33	CHDP20105
	200	44	CHDP20107
1 1/2"	100	14	CHDP20203
	125	17	CHDP20204
	150	21	CHDP20205
	200	28	CHDP20207
	250	35	CHDP20208
	300	42	CHDP20209
2"	100	9	CHDP20303
	125	11	CHDP20304
	150	14	CHDP20305
	175	16	CHDP20306
	200	18	CHDP20307
	250	22	CHDP20308
	300	27	CHDP20309
	400	36	CHDP20311
	500	45	CHDP20312
2 1/2"	100	7	CHDP20403
	125	8	CHDP20404
	150	10	CHDP20405
	200	14	CHDP20407
	250	17	CHDP20408
	300	20	CHDP20409
	350	24	CHDP20410
	400	27	CHDP20411
3"	150	8	CHDP20505
	200	11	CHDP20507
	250	14	CHDP20508
	300	16	CHDP20509
	400	22	CHDP20511
	500	27	CHDP20512
	600	33	CHDP20513

Ø 3/8" (*follow* / suite)			
Leng./Long.	W/230V	W/cm sq	Ref.
3 1/2"	250	9	CHDP20608
	300	11	CHDP20609
	350	13	CHDP20610
	400	15	CHDP20611
	500	23	CHDP20612
4"	150	6	CHDP20705
	200	8	CHDP20707
	250	10	CHDP20708
	300	12	CHDP20709
	400	15	CHDP20711
	500	19	CHDP20712
	600	23	CHDP20713
	750	29	CHDP20714
5 1/2"	200	6	CHDP20907
	250	8	CHDP20908
	300	9	CHDP20909
	400	12	CHDP20911
	500	15	CHDP20912
	800	24	CHDP20915
	1000	30	CHDP20916
6"	250	6	CHDP21108
	300	7	CHDP21109
	400	10	CHDP21111
	500	12	CHDP21112
	600	15	CHDP21113
	800	20	CHDP21115
	1000	25	CHDP21116
7"	350	7	CHDP21210
	400	8	CHDP21211
	500	10	CHDP21212
	600	12	CHDP21213
	800	16	CHDP21215
	1000	21	CHDP21216
8"	400	7	CHDP21311
	500	9	CHDP21312
	600	11	CHDP21313
	800	14	CHDP21315
	1000	18	CHDP21316

Ø 1/2" (– 0.05 / – 0.08)			
Leng./Long.	W/230V	W/cm sq	Ref.
1 1/2"	125	14	CHDP30204
	150	16	CHDP30205
	200	22	CHDP30207
	250	27	CHDP30208
	300	33	CHDP30209
2"	150	10	CHDP30305
	200	13	CHDP30307
	250	16	CHDP30308
	300	21	CHDP30309
	400	26	CHDP30311
2 1/2"	150	8	CHDP30405
	250	13	CHDP30408
	300	16	CHDP30409
	400	21	CHDP30411
	500	27	CHDP30412
3"	200	8	CHDP30507
	250	10	CHDP30508
	300	1 3	CHDP30509
	400	17	CHDP30511
	500	21	CHDP30512
	600	25	CHDP30513
	750	31	CHDP30514
3 1/2"	250	9	CHDP30608
	300	10	CHDP30609
	350	12	CHDP30610
	500	17	CHDP30612
	750	26	CHDP30614
4"	250	7	CHDP30708
	300	9	CHDP30709
	350	10	CHDP30710
	400	12	CHDP30711
	500	15	CHDP30712
	600	18	CHDP30713
	800	24	CHDP30715
	1000	30	CHDP30716
5"	300	7	CHDP30909
	350	8	CHDP30910
	400	9	CHDP30911
	500	11	CHDP30912
	600	14	CHDP30913
	750	17	CHDP30914
	800	18	CHDP30915
	1000	23	CHDP30916
6"	300	6	CHDP31109
	400	7	CHDP31111
	500	9	CHDP31112
	600	11	CHDP31113
	750	14	CHDP31114
	800	15	CHDP31115
	1000	19	CHDP31116

Ø 1/2" (*follow* / suite)			
Leng./Long.	W/230V	W/cm sq	Ref.
7"	500	8	CHDP31212
	600	9	CHDP31213
	800	12	CHDP31215
	1000	15	CHDP31216
8"	500	7	CHDP31312
	800	11	CHDP31315
	1000	14	CHDP31316
	1500	20	CHDP31320
	2000	27	CHDP31323
9"	500	6	CHDP31412
	600	7	CHDP31413
	750	9	CHDP31414
	1000	12	CHDP31416
	1200	14	CHDP31417
	1500	18	CHDP31420
10"	500	5	CHDP31512
	600	8	CHDP31514
	750	11	CHDP31516
	1250	13	CHDP31517
	1500	16	CHDP31520
	2000	21	CHDP31523
12"	600	5	CHDP31612
	800	7	CHDP31615
	1000	9	CHDP31616
	1500	13	CHDP31620
	2000	17	CHDP31623

Ø 5/8" (– 0.05 / – 0.08)			
Leng./Long.	W/230V	W/cm sq	Ref.
2"	200	16	CHDP40307
	300	24	CHDP40309
	500	40	CHDP40312
2 1/2"	175	8	CHDP40406
	250	11	CHDP40408
	300	14	CHDP40409
	400	18	CHDP40411
	500	23	CHDP40412
	750	34	CHDP40414
3"	250	9	CHDP40508
	300	11	CHDP40509
	400	14	CHDP40511
	500	18	CHDP40512
	600	21	CHDP40513
	750	26	CHDP40514
	1000	35	CHDP40516
4"	300	7	CHDP40709
	400	10	CHDP40711
	500	12	CHDP40712
	600	14	CHDP40713
	750	18	CHDP40715
	1000	24	CHDP40716
	1200	29	CHDP40717
5"	400	7	CHDP40911
	500	9	CHDP40912
	600	11	CHDP40913
	800	15	CHDP40915
	1000	19	CHDP40916
	1300	24	CHDP40919
6"	400	6	CHDP41111
	600	9	CHDP41113
	800	12	CHDP41115
	1000	15	CHDP41116
	1500	23	CHDP41120
7"	500	6	CHDP41212
	750	9	CHDP41214
	100	13	CHDP41216
	1500	19	CHDP41220
8"	500	5	CHDP41312
	750	8	CHDP41314
	100	11	CHDP41316
	1200	13	CHDP41317
	1500	16	CHDP41320
	2000	22	CHDP41323
9"	500	5	CHDP41412
	750	7	CHDP41414
	1000	10	CHDP41416
	1300	13	CHDP41419
	1600	15	CHDP41421
10"	750	6	CHDP41514
	1000	9	CHDP41516
	1300	11	CHDP41519
	1600	14	CHDP41521
	2000	17	CHDP41523
12"	750	5	CHDP41614
	1000	7	CHDP41616
	1500	11	CHDP41620
	1800	13	CHDP41622
	2000	14	CHDP41623
	2500	18	CHDP41624

Ø 5/8" (suite)			
Leng./Long.	W/230V	W/cm sq	Ref.
14"	1000	6	CHDP41716
	1600	10	CHDP41721
	2000	12	CHDP41723
	2500	15	CHDP41724
16"	1000	5	CHDP41816
	1600	8	CHDP41821
	2000	10	CHDP41823
	2500	13	CHDP41824

Ø 3/4" (– 0.06 / – 0.10)			
Leng./Long.	W/230V	W/cm sq	Ref.
3"	300	9	CHDP50509
	400	12	CHDP50511
	500	15	CHDP50512
4 1/2"	400	8	CHDP50711
	600	12	CHDP50713
	800	16	CHDP50715
	1000	24	CHDP50720
5"	400	6	CHDP50911
	500	8	CHDP50912
	1000	16	CHDP50916
	1500	24	CHDP50920
6"	400	5	CHDP51111
	600	8	CHDP51113
	1000	13	CHDP51116
	1500	19	CHDP51120
8"	500	5	CHDP51312
	600	6	CHDP51313
	1000	9	CHDP51316
	2000	18	CHDP51323
10"	800	6	CHDP51515
	1000	7	CHDP51516
	2000	14	CHDP51523
12"	800	5	CHDP51615
	1000	6	CHDP51616
	1500	9	CHDP51620
	2000	12	CHDP51623
	2500	15	CHDP51624
14"	1500	8	CHDP51720
	2000	10	CHDP51723
	2500	13	CHDP51724
	3000	15	CHDP51725
	3500	18	CHDP51726

Note: *All stock items are complete with 250mm fibre glass insulated power leads. Tolerance on wattage +5 to -10% (Norm EN 60335)*

Nota: Toutes les références ont une sortie par fils de 250mm
Tolérance sur la puissance + 5 à -10% (Norme EN 60335)