

*DOSSIER ELECTRIQUE ET MECANIQUE
ELECTRICAL AND MECHANICAL FILE*



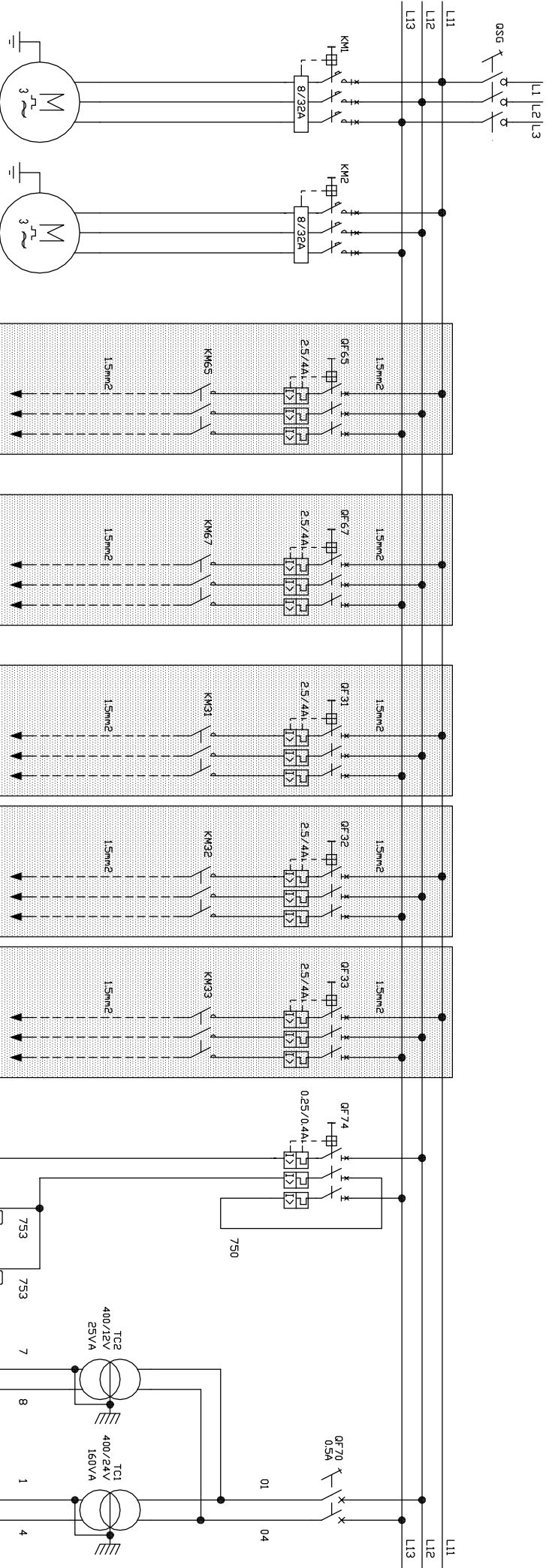
Options

| Index / Index | Date | Nom / Name | Modifications |
|---------------|------|------------|---------------|
| | | | |
| | | | |
| | | | |



| | | | | | |
|-----------|--|---------------------|--|------|-------|
| SW 90E SK | | Nom: / Name: E-R | | SW90 | 0 / 4 |
| | | Date: 26-07-2005 | | | |

0 1 2 3 4 5 6 7 8 9



| | |
|----------------------|----------------------|
| 3x 6 mm ² | 3x 6 mm ² |
| 29A | 29A |
| 4x 6 mm ² | 4x 6 mm ² |
| ZR19M3E-TVD | ZR19M3E-TVD |
| P = 17.7 kW | P = 17.7 kW |
| In = 28.7 A | In = 28.7 A |
| Id = 198 A | Id = 198 A |

M1 M2

M65 M67 M31 M32 M33 M31 M32 M33

| | | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|
| 400V 3-50Hz | M65 (option) | M67 (option) | M31 (option) | M32 (option) | M33 (option) | Total Groupe Standard Total Standard Unit | Total Groupe Standard + Options Total Standard Unit + Options |
| P (kW) | | | | | | 36 | 36 + ∑ P (options) |
| In (A) | 2.5 ÷ 4 | 2.5 ÷ 4 | 2.5 ÷ 4 | 2.5 ÷ 4 | 2.5 ÷ 4 | 58 | 58 + ∑ In (options) |
| Id (A) | | | | | | 228 | 228 + ∑ Id (options) |

ATTENTION / WARNING
 LES COMPRESSEUR COPELAND SCROLL
 N'ONT QU'UN SEUL SENS DE ROTATION
 POUR FONCTIONNER
 COPELAND SCROLL COMPRESSORS
 CAN ONLY BE ALLOWED TO ROTATE
 IN ONE DIRECTION

| | | |
|-------|------|-----|
| Index | DATE | NOM |
|-------|------|-----|

MODIFICATIONS

**SCHEMA ELECTRIQUE
 ELECTRICAL DRAWING**

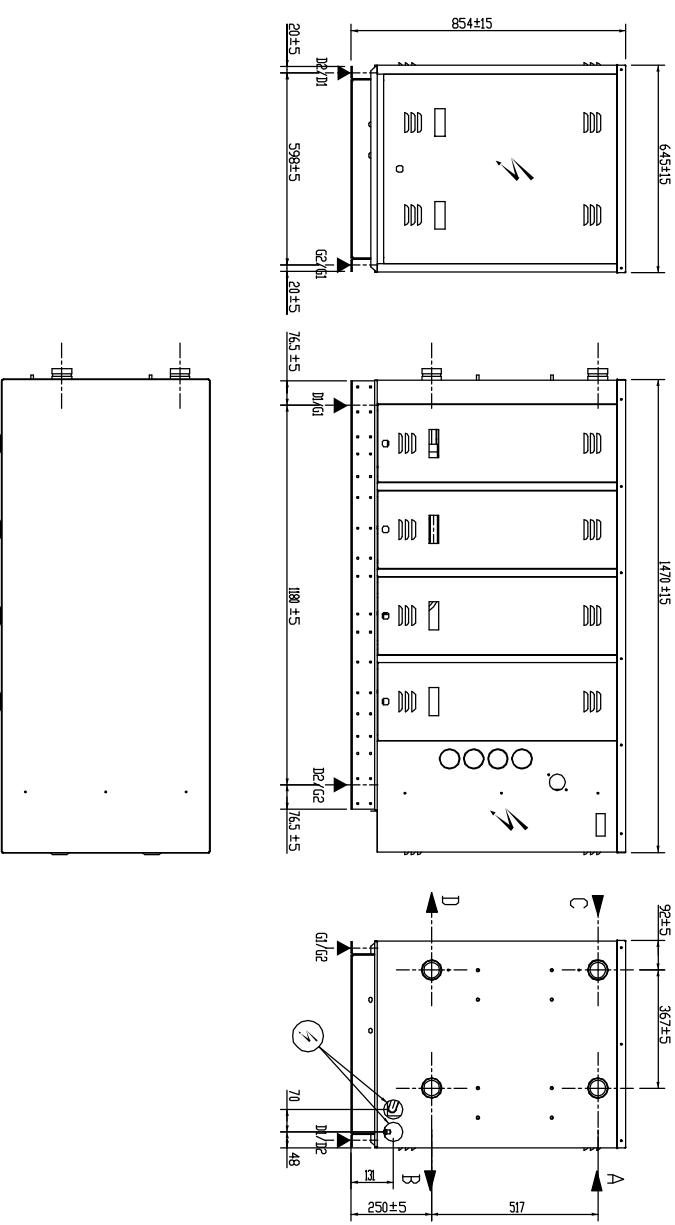
**Load Distribution / Repartition des Poids
(kg-Operating weights / Poids en Marche)**

| | SWC | | SWH | | SWR | |
|-----|-----|-----|-----|-----|-----|-----|
| | G1 | G2 | G1 | G2 | G1 | G2 |
| 050 | 98 | 98 | 050 | 99 | 050 | 95 |
| 065 | 106 | 106 | 065 | 108 | 065 | 101 |
| 080 | 111 | 111 | 080 | 113 | 080 | 102 |
| 090 | 121 | 121 | 090 | 122 | 090 | 110 |
| 100 | 133 | 133 | 100 | 135 | 100 | 122 |
| | D1 | D2 | D1 | D2 | D1 | D2 |
| 050 | 98 | 98 | 050 | 99 | 050 | 95 |
| 065 | 106 | 106 | 065 | 108 | 065 | 101 |
| 080 | 111 | 111 | 080 | 113 | 080 | 102 |
| 090 | 121 | 121 | 090 | 122 | 090 | 110 |
| 100 | 133 | 133 | 100 | 135 | 100 | 122 |

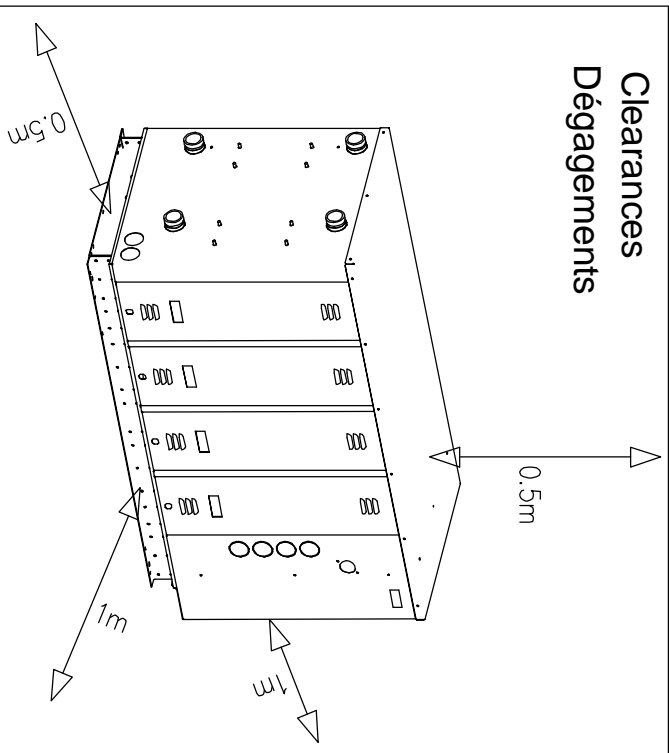
**Piping / Raccordements
B BOX (50/65/80/90/100)**

| | SWC/SWH | SWR |
|--|-----------|-----------------|
| EVAPORATOR EVAPORATEUR | All Units | All Units |
| Inlet Water (A) Entrée d'eau (A) | 2" - DN50 | 2" - DN50 |
| Outlet Water (B) Sortie d'eau (B) | 2" - DN50 | 2" - DN50 |
| CONDENSER CONDENSEUR | All Units | 50>65 80>100 |
| Inlet Water (C) Entrée d'eau (C) | 2" - DN50 | |
| Liquid Line (D) Ligne Liquide (D) | | 7/8" |
| Outlet Water (D) Sortie d'eau (D) | 2" - DN50 | 7/8" |
| Discharge Line (C) Retournelement (C) | | 1"1/8 1"3/8 |

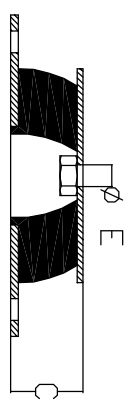
Dimensional Data / Encombrement



**Clearances
Dégagements**



**Rubber Antivibration Mounts (Option)
Plots Antivibratils (Option)**



| Hydrolean SWC | 050 | 065 | 080 | 090 | 100 |
|--|--------------|-----|---------------|-----|-----|
| Rubber Mounts Type Type de Plot caoutchouc | APK80/75Sh A | | APK100/60Sh A | | |
| Number/machine Nombre/machine | 4 | | 4 | | |
| Height (C) mm Hauteur (C) mm | 27 | | 28 | | |
| Thread dia. (E) mm Filetage (E) mm | M8 | | M10 | | |
| Max. Thread Length mm Longueur Max. Filetage mm | 12.8 | | 10 | | |

**MECHANICAL DRAWING
SCHEMA MECANIQUE**