

APPENDICE TECNICA
TECHNICAL APPENDIX
APÉNDICE TÉCNICO
ANNEXE TECHNIQUE



Technical drawing showing various views of a mechanical component, including a cross-section and a perspective view. The drawing is overlaid on a blue background with water splashes. The drawing includes a table with the following data:

| MODIFICAZIONE | | AUTORE | | REVISIONE | |
|---------------|----|--------|----|-----------|----|
| 1 | 01 | 01 | 01 | 01 | 01 |
| 2 | 02 | 02 | 02 | 02 | 02 |
| 3 | 03 | 03 | 03 | 03 | 03 |
| 4 | 04 | 04 | 04 | 04 | 04 |
| 5 | 05 | 05 | 05 | 05 | 05 |
| 6 | 06 | 06 | 06 | 06 | 06 |
| 7 | 07 | 07 | 07 | 07 | 07 |
| 8 | 08 | 08 | 08 | 08 | 08 |
| 9 | 09 | 09 | 09 | 09 | 09 |
| 10 | 10 | 10 | 10 | 10 | 10 |

APD Technology Srl
Cod. 421-001



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Dimensionamento Cavi / Cables sizing / Dimensionamiento de los cables / Dimensionnement des câbles

| SERIE S3M - NS4M | | | Sezione in mm ² / Section in mm ² / Sección en mm ² / Section en mm ² | | | | | | |
|------------------|------|-------|---|-------|-------|-----|-----|------|------|
| 3" | KW | HP | 4x1 | 4x1.5 | 4x2.5 | 4x4 | 4x6 | 4x10 | 4x16 |
| 1 ~ 220V 60Hz | 0.37 | 0.50 | 45 | 65 | 105 | | | | |
| | 0.55 | 0.75 | 35 | 55 | 90 | 140 | | | |
| | 0.75 | 1.00 | 20 | 35 | 55 | 80 | 125 | 210 | |
| | 1.10 | 1.50 | | 20 | 35 | 60 | 90 | 145 | 230 |
| 3 ~ 380V 60Hz | 0.37 | 0.50 | 165 | 240 | | | | | |
| | 0.55 | 0.75 | 130 | 190 | 300 | | | | |
| | 0.75 | 1.00 | 110 | 160 | 255 | | | | |
| | 1.10 | 1.50 | 90 | 130 | 220 | 350 | | | |
| 3 ~ 220V 60Hz | 0.37 | 0.50 | 45 | 65 | 105 | | | | |
| | 0.55 | 0.75 | 40 | 60 | 95 | 145 | | | |
| | 0.75 | 1.00 | 35 | 50 | 80 | 125 | | | |
| | 1.10 | 1.50 | 20 | 35 | 55 | 80 | 125 | 210 | |
| 4" | KW | HP | 4x1 | 4x1.5 | 4x2.5 | 4x4 | 4x6 | 4x10 | 4x16 |
| 1 ~ 220V 60Hz | 0.37 | 0.50 | 55 | 80 | 130 | | | | |
| | 0.55 | 0.75 | 35 | 55 | 90 | 140 | | | |
| | 0.75 | 1.00 | 25 | 40 | 65 | 105 | 160 | | |
| | 1.10 | 1.50 | 20 | 30 | 50 | 75 | 115 | 190 | |
| | 1.50 | 2.00 | | 22 | 36 | 60 | 90 | 145 | 230 |
| | 2.20 | 3.00 | | | 30 | 48 | 72 | 120 | 185 |
| | 3.70 | 5.00 | | | | 30 | 55 | 90 | 155 |
| | 4.00 | 5.50 | | | | 30 | 55 | 90 | 155 |
| 3 ~ 380V 60Hz | 0.37 | 0.50 | 315 | | | | | | |
| | 0.55 | 0.75 | 210 | 315 | | | | | |
| | 0.75 | 1.00 | 165 | 240 | | | | | |
| | 1.10 | 1.50 | 120 | 180 | 285 | | | | |
| | 1.50 | 2.00 | 90 | 135 | 225 | 360 | | | |
| | 2.20 | 3.00 | 65 | 100 | 165 | 255 | 390 | | |
| | 3.00 | 4.00 | 45 | 65 | 110 | 180 | 255 | 420 | |
| | 4.00 | 5.50 | 35 | 50 | 85 | 135 | 195 | 330 | 516 |
| | 5.50 | 7.50 | | 42 | 70 | 110 | 165 | 270 | 422 |
| | 7.50 | 10.00 | | 32 | 53 | 84 | 126 | 207 | 324 |
| 3 ~ 220V 60Hz | 0.37 | 0.50 | 105 | 155 | | | | | |
| | 0.55 | 0.75 | 70 | 105 | 170 | 270 | | | |
| | 0.75 | 1.00 | 55 | 80 | 135 | 210 | | | |
| | 1.10 | 1.50 | 40 | 60 | 95 | 150 | 225 | | |
| | 1.50 | 2.00 | 30 | 45 | 75 | 120 | 180 | 300 | |
| | 2.20 | 3.00 | | 33 | 55 | 85 | 130 | 210 | |
| | 3.00 | 4.00 | | | 37 | 60 | 85 | 140 | 220 |
| | 4.00 | 5.50 | | | | 45 | 65 | 110 | 172 |
| | 5.50 | 7.50 | | | | 37 | 56 | 90 | 149 |
| | 7.50 | 10.00 | | | | | 45 | 60 | 90 |

Lunghezza del cavo in metri dal motore al quadro di comando / Cable length in metres, from the motor to the control box
 Longitud del cable en metros del motor al panel de control / Longueur du câble en mètres, du moteur au tableau de commande



Dimensionamento Cavi / Cables sizing / Dimensionamiento de los cables / Dimensionnement des câbles

| SERIE S6M | | | Sezione in mm ² / Section in mm ² / Sección en mm ² / Section en mm ² | | | | | | | | | | | |
|---------------------------|-------|-------|---|-------|-------|-----|------|------|------|------|------|------|------|------|
| 6" DOL | kW | HP | 4x1 | 4x1.5 | 4x2.5 | 4x4 | 4x6 | 4x10 | 4x16 | 4x25 | 4x35 | 4x50 | 4x70 | 4x95 |
| 3 ~ 220V 60Hz DOL | 4.00 | 5.50 | | 22 | 37 | 59 | 89 | 149 | 238 | 371 | 519 | | | |
| | 5.50 | 7.50 | | 17 | 27 | 44 | 65 | 107 | 171 | 267 | 374 | 533 | | |
| | 7.50 | 10.00 | | | 22 | 36 | 54 | 89 | 143 | 222 | 311 | 444 | | |
| | 9.30 | 12.50 | | | | 27 | 41 | 67 | 107 | 167 | 234 | 333 | 467 | |
| | 11.00 | 15.00 | | | | 24 | 36 | 60 | 95 | 149 | 208 | 297 | 415 | |
| | 15.00 | 20.00 | | | | | | 44 | 71 | 111 | 156 | 222 | 311 | |
| | 18.50 | 25.00 | | | | | | 39 | 62 | 95 | 133 | 191 | 267 | 362 |
| | 22.00 | 30.00 | | | | | | | 48 | 74 | 104 | 149 | 208 | 282 |
| | 30.00 | 40.00 | | | | | | | | 56 | 78 | 111 | 156 | 212 |
| | 37.00 | 50.00 | | | | | | | | | 67 | 95 | 133 | 181 |
| 3 ~ 380V 60Hz DOL | 4.00 | 5.50 | | 70 | 115 | 185 | 277 | 461 | | | | | | |
| | 5.50 | 7.50 | | 50 | 83 | 132 | 198 | 329 | 527 | | | | | |
| | 7.50 | 10.00 | | 38 | 64 | 103 | 154 | 256 | 410 | | | | | |
| | 9.30 | 12.50 | | 35 | 58 | 93 | 138 | 230 | 369 | | | | | |
| | 11.00 | 15.00 | | 28 | 46 | 74 | 110 | 185 | 295 | 461 | | | | |
| | 15.00 | 20.00 | | | 34 | 53 | 79 | 131 | 210 | 329 | 461 | | | |
| | 18.50 | 25.00 | | | | 46 | 70 | 115 | 184 | 288 | 403 | | | |
| | 22.00 | 30.00 | | | | | 55 | 92 | 164 | 230 | 322 | 460 | | |
| | 30.00 | 40.00 | | | | | | 66 | 106 | 165 | 230 | 329 | 461 | |
| | 37.00 | 50.00 | | | | | | | 92 | 144 | 201 | 288 | 403 | 547 |
| 6" Y - Δ | kW | HP | 7x1.5 | 7x2.5 | 7x4 | 7x6 | 7x10 | 7x16 | 7x25 | 7x35 | 7x50 | 7x70 | 7x95 | |
| 3 ~ 220V 60Hz Y - Δ | 4.00 | 5.50 | 34 | 56 | 89 | 133 | 222 | 356 | 556 | | | | | |
| | 5.50 | 7.50 | 24 | 40 | 64 | 96 | 160 | 257 | 400 | 561 | | | | |
| | 7.50 | 10.00 | 20 | 34 | 54 | 80 | 133 | 213 | 334 | 467 | | | | |
| | 9.30 | 12.50 | 15 | 25 | 40 | 61 | 101 | 160 | 250 | 350 | 500 | | | |
| | 11.00 | 15.00 | 13 | 22 | 35 | 54 | 89 | 142 | 222 | 311 | 445 | | | |
| | 15.00 | 20.00 | | 16 | 27 | 40 | 67 | 107 | 167 | 234 | 334 | 467 | | |
| | 18.50 | 25.00 | | | 23 | 35 | 58 | 92 | 143 | 200 | 286 | 400 | 543 | |
| | 22.00 | 30.00 | | | | 27 | 44 | 71 | 111 | 156 | 222 | 311 | 423 | |
| | 30.00 | 40.00 | | | | | 34 | 54 | 84 | 117 | 167 | 234 | 317 | |
| | 37.00 | 50.00 | | | | | | 46 | 72 | 101 | 143 | 200 | 272 | |
| 3 ~ 380V 60Hz Y - Δ | 4.00 | 5.50 | 110 | 185 | 310 | | | | | | | | | |
| | 5.50 | 7.50 | 80 | 142 | 240 | 352 | | | | | | | | |
| | 7.50 | 10.00 | 58 | 96 | 154 | 231 | 384 | | | | | | | |
| | 9.30 | 12.50 | 52 | 87 | 139 | 207 | 346 | 553 | | | | | | |
| | 11.00 | 15.00 | 42 | 70 | 110 | 166 | 276 | 443 | | | | | | |
| | 15.00 | 20.00 | 30 | 50 | 79 | 119 | 198 | 316 | 494 | | | | | |
| | 18.50 | 25.00 | 26 | 43 | 70 | 104 | 173 | 277 | 432 | | | | | |
| | 22.00 | 30.00 | | 34 | 55 | 83 | 139 | 221 | 346 | 484 | | | | |
| | 30.00 | 40.00 | | | | 59 | 99 | 158 | 247 | 346 | 494 | | | |
| | 37.00 | 50.00 | | | | | 87 | 139 | 216 | 302 | 432 | | | |

Lunghezza del cavo in metri dal motore al quadro di comando / Cable length in metres, from the motor to the control box / Longitud del cable en metros del motor al panel de control / Longueur du câble en mètres, du moteur au tableau de commande

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Dimensionamento Cavi / Cables sizing / Dimensionamiento de los cables / Dimensionnement des câbles

| SERIE AS6M | | | Sezione in mm ² / Section in mm ² / Sección en mm ² / Section en mm ² | | | | | | | | | | | | | | |
|---------------------------|-------|-------|---|-------|-----|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|
| 6" DOL | kW | HP | 4x1.5 | 4x2.5 | 4x4 | 4x6 | 4x10 | 4x16 | 4x25 | 4x35 | 4x50 | 4x70 | 4x95 | 4x120 | 4x150 | 4x185 | 4x240 |
| 3 ~ 220V 60Hz DOL | 4.00 | 5.50 | 13 | 31 | 59 | 95 | 172 | 276 | 427 | | | | | | | | |
| | 5.50 | 7.50 | | 20 | 41 | 69 | 128 | 207 | 322 | 448 | | | | | | | |
| | 7.50 | 10.00 | | | 27 | 47 | 92 | 151 | 236 | 331 | 477 | | | | | | |
| | 9.30 | 12.50 | | | 10 | 37 | 73 | 122 | 193 | 270 | 391 | | | | | | |
| | 11.00 | 15.00 | | | | 28 | 59 | 100 | 160 | 225 | 326 | 450 | | | | | |
| | 13.00 | 17.50 | | | | 12 | 48 | 83 | 134 | 190 | 277 | 383 | | | | | |
| | 15.00 | 20.00 | | | | 8 | 41 | 72 | 117 | 168 | 245 | 341 | 438 | | | | |
| | 18.50 | 25.00 | | | | | 22 | 58 | 95 | 136 | 200 | 277 | 355 | 439 | | | |
| | 22.00 | 30.00 | | | | | 14 | 46 | 78 | 113 | 167 | 234 | 301 | 375 | 449 | | |
| | 26.00 | 35.00 | | | | | | 26 | 62 | 91 | 136 | 191 | 246 | 306 | 367 | 428 | |
| | 30.00 | 40.00 | | | | | | | 52 | 78 | 117 | 165 | 214 | 267 | 321 | 376 | 460 |
| 37.00 | 50.00 | | | | | | | 30 | 60 | 92 | 132 | 171 | 215 | 258 | 298 | 371 | |
| 3 ~ 380V 60Hz DOL | 4.00 | 5.50 | 67 | 122 | 205 | 312 | | | | | | | | | | | |
| | 5.50 | 7.50 | 48 | 89 | 152 | 234 | 411 | | | | | | | | | | |
| | 7.50 | 10.00 | 32 | 63 | 110 | 171 | 303 | 479 | | | | | | | | | |
| | 9.30 | 12.50 | 14 | 50 | 88 | 139 | 248 | 394 | | | | | | | | | |
| | 11.00 | 15.00 | | 39 | 72 | 115 | 206 | 329 | | | | | | | | | |
| | 13.00 | 17.50 | | 21 | 59 | 96 | 174 | 279 | | | | | | | | | |
| | 15.00 | 20.00 | | 16 | 51 | 83 | 152 | 245 | 380 | | | | | | | | |
| | 18.50 | 25.00 | | | 40 | 67 | 124 | 202 | 313 | 436 | | | | | | | |
| | 22.00 | 30.00 | | | | 44 | 102 | 167 | 262 | 366 | | | | | | | |
| | 26.00 | 35.00 | | | | 32 | 82 | 136 | 215 | 301 | 434 | | | | | | |
| | 30.00 | 40.00 | | | | 60 | 117 | 186 | 261 | 378 | | | | | | | |
| 37.00 | 50.00 | | | | 44 | 93 | 148 | 210 | 305 | 424 | | | | | | | |
| 6" Y - Δ | kW | HP | 7x1.5 | 7x2.5 | 7x4 | 7x6 | 7x10 | 7x16 | 7x25 | 7x35 | 7x50 | 7x70 | 7x95 | 7x120 | 7x150 | 7x185 | 7x240 |
| 3 ~ 220V 60Hz Y - Δ | 4.00 | 5.50 | 26 | 54 | 95 | 149 | 266 | 421 | | | | | | | | | |
| | 5.50 | 7.50 | 17 | 38 | 69 | 111 | 200 | 318 | | | | | | | | | |
| | 7.50 | 10.00 | | 24 | 48 | 79 | 145 | 234 | 362 | | | | | | | | |
| | 9.30 | 12.50 | | 17 | 37 | 63 | 117 | 190 | 296 | 413 | | | | | | | |
| | 11.00 | 15.00 | | | 29 | 50 | 96 | 158 | 247 | 345 | | | | | | | |
| | 13.00 | 17.50 | | | 22 | 41 | 80 | 132 | 209 | 292 | 422 | | | | | | |
| | 15.00 | 20.00 | | | | 34 | 69 | 115 | 183 | 258 | 374 | | | | | | |
| | 18.50 | 25.00 | | | | 16 | 55 | 94 | 150 | 211 | 306 | 422 | | | | | |
| | 22.00 | 30.00 | | | | | 44 | 76 | 124 | 176 | 257 | 357 | 458 | | | | |
| | 26.00 | 35.00 | | | | | 24 | 61 | 100 | 143 | 210 | 292 | 375 | 465 | | | |
| | 30.00 | 40.00 | | | | | 18 | 51 | 86 | 124 | 182 | 255 | 328 | 408 | | | |
| 37.00 | 50.00 | | | | | 30 | 68 | 100 | 148 | 208 | 268 | 333 | 399 | 459 | | | |
| 3 ~ 380V 60Hz Y - Δ | 4.00 | 5.50 | 108 | 190 | 314 | | | | | | | | | | | | |
| | 5.50 | 7.50 | 79 | 142 | 237 | 360 | | | | | | | | | | | |
| | 7.50 | 10.00 | 55 | 102 | 172 | 264 | 462 | | | | | | | | | | |
| | 9.30 | 12.50 | 43 | 82 | 140 | 216 | 380 | | | | | | | | | | |
| | 11.00 | 15.00 | 34 | 66 | 116 | 179 | 317 | | | | | | | | | | |
| | 13.00 | 17.50 | 27 | 54 | 96 | 151 | 268 | 425 | | | | | | | | | |
| | 15.00 | 20.00 | 12 | 46 | 83 | 131 | 235 | 374 | | | | | | | | | |
| | 18.50 | 25.00 | | 26 | 67 | 107 | 194 | 309 | | | | | | | | | |
| | 22.00 | 30.00 | | 18 | 54 | 88 | 160 | 258 | 399 | | | | | | | | |
| | 26.00 | 35.00 | | | 32 | 70 | 130 | 211 | 328 | 457 | | | | | | | |
| | 30.00 | 40.00 | | | 25 | 59 | 112 | 183 | 285 | 399 | | | | | | | |
| 37.00 | 50.00 | | | | | 90 | 148 | 233 | 327 | 471 | 651 | | | | | | |



Dimensionamento Cavi / Cables sizing / Dimensionamiento de los cables / Dimensionnement des câbles

| SERIE AS8M | | | Sezione in mm ² / Section in mm ² / Sección en mm ² / Section en mm ² | | | | | | | | | | | | | | |
|---------------------------|--------|--------|---|-------|-----|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|
| 8" DOL | kW | HP | 4x1.5 | 4x2.5 | 4x4 | 4x6 | 4x10 | 4x16 | 4x25 | 4x35 | 4x50 | 4x70 | 4x95 | 4x120 | 4x150 | 4x185 | 4x240 |
| 3 ~ 380V 60Hz DOL | 22.00 | 30.00 | | | | 44 | 102 | 167 | 262 | 366 | | | | | | | |
| | 30.00 | 40.00 | | | | | 60 | 117 | 186 | 261 | 378 | | | | | | |
| | 37.00 | 50.00 | | | | | 44 | 93 | 148 | 210 | 305 | 424 | | | | | |
| | 45.00 | 60.00 | | | | | | 64 | 120 | 171 | 249 | 348 | 446 | | | | |
| | 52.00 | 70.00 | | | | | | 55 | 106 | 152 | 222 | 310 | 397 | | | | |
| | 55.00 | 75.00 | | | | | | | 100 | 145 | 200 | 290 | 380 | 500 | | | |
| | 60.00 | 80.00 | | | | | | | 80 | 129 | 190 | 266 | 340 | 422 | | | |
| | 62.00 | 85.00 | | | | | | | 75 | 120 | 180 | 251 | 320 | 400 | | | |
| | 67.00 | 90.00 | | | | | | | 69 | 114 | 169 | 237 | 303 | 377 | 451 | | |
| | 75.00 | 100.00 | | | | | | | | 90 | 149 | 209 | 268 | 333 | 398 | 456 | |
| | 83.00 | 110.00 | | | | | | | | | 131 | 192 | 246 | 307 | 368 | 422 | |
| 93.00 | 125.00 | | | | | | | | | 113 | 174 | 225 | 280 | 337 | 388 | 481 | |
| 8" Y - Δ | kW | HP | 7x1.5 | 7x2.5 | 7x4 | 7x6 | 7x10 | 7x16 | 7x25 | 7x35 | 7x50 | 7x70 | 7x95 | 7x120 | 7x150 | 7x185 | 7x240 |
| 3 ~ 380V 60Hz Y - Δ | 22.00 | 30.00 | | 18 | 54 | 88 | 160 | 258 | 399 | | | | | | | | |
| | 30.00 | 40.00 | | | 25 | 59 | 112 | 183 | 285 | 399 | | | | | | | |
| | 37.00 | 50.00 | | | | | 90 | 148 | 233 | 327 | 471 | 651 | | | | | |
| | 45.00 | 60.00 | | | | | 72 | 120 | 190 | 267 | 387 | | | | | | |
| | 52.00 | 70.00 | | | | | 53 | 106 | 169 | 239 | 345 | 479 | | | | | |
| | 55.00 | 75.00 | | | | | | 98 | 157 | 222 | 321 | 445 | | | | | |
| | 60.00 | 80.00 | | | | | | 90 | 144 | 204 | 297 | 412 | | | | | |
| | 62.00 | 85.00 | | | | | | 80 | 137 | 193 | 280 | 390 | | | | | |
| | 67.00 | 90.00 | | | | | | 69 | 128 | 181 | 264 | 367 | 468 | | | | |
| | 75.00 | 100.00 | | | | | | 59 | 112 | 160 | 233 | 325 | 414 | | | | |
| | 83.00 | 110.00 | | | | | | | 96 | 144 | 211 | 296 | 378 | | | | |
| 93.00 | 125.00 | | | | | | | 80 | 129 | 190 | 266 | 341 | 423 | | | | |

Lunghezza del cavo in metri dal motore al quadro di comando / Cable length in metres, from the motor to the control box
 Longitud del cable en metros del motor al panel de control / Longueur du câble en mètres, du moteur au tableau de commande

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ANNEXE TECHNIQUE


Tabella dimensionale prodotti

Products diameter table

Tabla de diámetro de los productos

Tableau de diamètre des produits

| Serie | Ø " | Ø " A1 |  | ~ | Serie | Ø " | Ø " A1 | Ø " A2 | DNm |
|-------------|-----|--------|---|---------|-------------|-----|--------|--------|----------|
| S3M | 3" | 73 | NEMA | 1~ ÷ 3~ | BS4P | 4" | 96 | -- | 1 ¼ - 2" |
| NS4M | 4" | 94 | NEMA | 1~ ÷ 3~ | | | | | |
| S6M | 6" | 143 | NEMA | 3~ | | | | | |
| AS6M | 6" | 145 | NEMA | 3~ | | | | | |
| AS8M | 8" | 193 | NEMA | 3~ | | | | | |
| B4M | 4" | 94 | NEMA | DC | | | | | |

| Serie | Ø " | Ø mm A1 | Ø mm A2 |  | ~ | DNm |
|-------|----------|-----------------|---------------|---|-------|--------------------|
| Tipo | Pollici | Diametro D.O.L. | Diametro S.D. | Accoppiamento | Fase | Diametro mandata |
| Type | Inches | D.O.L. diameter | S.D. diameter | Coupling | Phase | Flow diameter |
| Tipo | Pulgadas | Diámetro D.O.L. | Diámetro S.D. | Acoplamiento | Fase | Diámetro de caudal |
| Type | Pouces | Diamètre D.O.L. | Diamètre S.D. | Couplage | Phase | Diamètre du débit |



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