

Cod. 10497  
Cod. 10417

# Royal

Hose reel machines  
Enrolladores

Industry  
Industria



Slow reverse double arm gun for medium flow

Cañón de riego de impacto y de caudal medio



Cod. 10497

Cod. 10417

Net weight  
Peso neto

7,8 kg

Connection  
Conexión

Cod. 10497: 2" F  
Cod. 10417: 2" 1/2 F

Size  
Dimensiones

ø 1294 mm x 510 mm

Nozzle  
Boquilla

Ø 12 ÷ 26 mm

Angle  
Ángulo

24°

Pressure Presion

for US units go to page 31

|                    | 1,5 bar                 |                        | 2 bar                   |                        | 3 bar                   |                        | 4 bar                   |                        | 5 bar                   |                        | 6 bar                   |                        |
|--------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|
| Nozzle<br>Boquilla | Flow<br>Caudal<br>l/min | Radius<br>Alcance<br>m | Flow<br>Caudal<br>l/min | Radius<br>Alcance<br>m | Flow<br>Caudal<br>l/min | Radius<br>Alcance<br>m | Flow<br>Caudal<br>l/min | Radius<br>Alcance<br>m | Flow<br>Caudal<br>l/min | Radius<br>Alcance<br>m | Flow<br>Caudal<br>l/min | Radius<br>Alcance<br>m |
| 12 mm              | 110                     | 22                     | 127                     | 24                     | 155                     | 28                     | 179                     | 31,5                   | -                       | -                      | -                       | -                      |
| 14 mm              | 150                     | 23                     | 174                     | 25,5                   | 212                     | 30                     | 245                     | 33,5                   | -                       | -                      | -                       | -                      |
| 16 mm              | -                       | -                      | 226                     | 27                     | 276                     | 32                     | 320                     | 36                     | 356                     | 39                     | -                       | -                      |
| 18 mm              | -                       | -                      | 286                     | 29                     | 350                     | 34                     | 404                     | 38                     | 452                     | 42                     | -                       | -                      |
| 20 mm              | -                       | -                      | 354                     | 31                     | 432                     | 36                     | 501                     | 40                     | 560                     | 44                     | -                       | -                      |
| 22 mm              | -                       | -                      | -                       | -                      | 522                     | 37                     | 604                     | 42,5                   | 676                     | 45                     | 741                     | 48                     |
| 24 mm              | -                       | -                      | -                       | -                      | 623                     | 38                     | 720                     | 44                     | 806                     | 48                     | 882                     | 51                     |

US units



Pressure *Presion*

| Nozzle<br><i>Boquilla</i> | 22 PSI                       |                                  | 29 PSI                       |                                  | 44 PSI                       |                                  | 56 PSI                       |                                  | 70 PSI                       |                                  | 85 PSI                       |                                  |
|---------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|
|                           | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet |
| 0.47 in                   | 29                           | 72                               | 33.5                         | 79                               | 41                           | 92                               | 47.3                         | 103                              | -                            | -                                | -                            | -                                |
| 0.55 in                   | 39.6                         | 75                               | 46                           | 84                               | 56.1                         | 98                               | 64.8                         | 110                              | -                            | -                                | -                            | -                                |
| 0.63 in                   | -                            | -                                | 59.8                         | 89                               | 73                           | 105                              | 84.6                         | 118                              | 94.2                         | 128                              | -                            | -                                |
| 0.71 in                   | -                            | -                                | 75.6                         | 95                               | 92.6                         | 112                              | 106                          | 125                              | 119                          | 138                              | -                            | -                                |
| 0.78 in                   | -                            | -                                | 93.6                         | 102                              | 114                          | 115                              | 132                          | 128                              | 148                          | 141                              | -                            | -                                |
| 0.86 in                   | -                            | -                                | -                            | -                                | 138                          | 122                              | 159                          | 140                              | 178                          | 148                              | 196                          | 158                              |
| 0.95 in                   | -                            | -                                | -                            | -                                | 164                          | 125                              | 190                          | 145                              | 213                          | 157                              | 233                          | 168                              |



Pressure *Presion*

| Nozzle<br><i>Boquilla</i> | 44 PSI                       |                                  | 56 PSI                       |                                  | 70 PSI                       |                                  | 85 PSI                       |                                  | 100 PSI                      |                                  |
|---------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|
|                           | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet |
| 0.63 in                   | 73                           | 107                              | 84                           | 119                              | 94                           | 129                              | 102                          | 139                              | -                            | -                                |
| 0.71 in                   | 93                           | 111                              | 106                          | 125                              | 119                          | 138                              | 130                          | 146                              | -                            | -                                |
| 0.78 in                   | 114                          | 118                              | 132                          | 131                              | 148                          | 144                              | 162                          | 154                              | -                            | -                                |
| 0.86 in                   | 138                          | 127                              | 159                          | 140                              | 178                          | 151                              | 196                          | 163                              | -                            | -                                |
| 0.95 in                   | 164                          | 128                              | 190                          | 150                              | 213                          | 161                              | 233                          | 171                              | -                            | -                                |
| 1.02 in                   | 193                          | 135                              | 223                          | 151                              | 250                          | 164                              | 274                          | 177                              | -                            | -                                |
| 1.10 in                   | 224                          | 141                              | 259                          | 157                              | 289                          | 170                              | 317                          | 184                              | -                            | -                                |
| 1.18 in                   | 257                          | 146                              | 297                          | 164                              | 332                          | 177                              | 364                          | 190                              | -                            | -                                |
| 1.26 in                   | -                            | -                                | 337                          | 170                              | 377                          | 184                              | 413                          | 195                              | 445                          | 207                              |
| 1.34 in                   | -                            | -                                | 382                          | 177                              | 427                          | 187                              | 468                          | 202                              | 505                          | 218                              |



Pressure *Presion*

| Nozzle<br><i>Boquilla</i> | 44 PSI                       |                                  | 56 PSI                       |                                  | 70 PSI                       |                                  | 85 PSI                       |                                  | 100 PSI                      |                                  | 115 PSI                      |                                  |
|---------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|------------------------------|----------------------------------|
|                           | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet | Flow<br><i>Caudal</i><br>gpm | Radius<br><i>Alcance</i><br>feet |
| 0.86 in                   | 138                          | 132                              | 159                          | 145                              | 178                          | 157                              | 196                          | 170                              | -                            | -                                | -                            | -                                |
| 0.95 in                   | 164                          | 135                              | 190                          | 151                              | 213                          | 164                              | 233                          | 177                              | -                            | -                                | -                            | -                                |
| 1.02 in                   | 193                          | 141                              | 229                          | 157                              | 250                          | 172                              | 274                          | 184                              | -                            | -                                | -                            | -                                |
| 1.10 in                   | 224                          | 151                              | 259                          | 166                              | 289                          | 177                              | 317                          | 190                              | -                            | -                                | -                            | -                                |
| 1.18 in                   | 257                          | 157                              | 297                          | 170                              | 332                          | 184                              | 364                          | 196                              | -                            | -                                | -                            | -                                |
| 1.26 in                   | -                            | -                                | 338                          | 177                              | 378                          | 190                              | 414                          | 202                              | 447                          | 217                              | -                            | -                                |
| 1.34 in                   | -                            | -                                | -                            | -                                | 427                          | 192                              | 468                          | 210                              | 505                          | 223                              | 538                          | 236                              |
| 1.42 in                   | -                            | -                                | -                            | -                                | 477                          | 199                              | 523                          | 217                              | 564                          | 229                              | 603                          | 242                              |
| 1.50 in                   | -                            | -                                | -                            | -                                | 532                          | 206                              | 583                          | 223                              | 628                          | 236                              | 673                          | 249                              |
| 1.57 in                   | -                            | -                                | -                            | -                                | 589                          | 213                              | 646                          | 226                              | 696                          | 239                              | 745                          | 255                              |