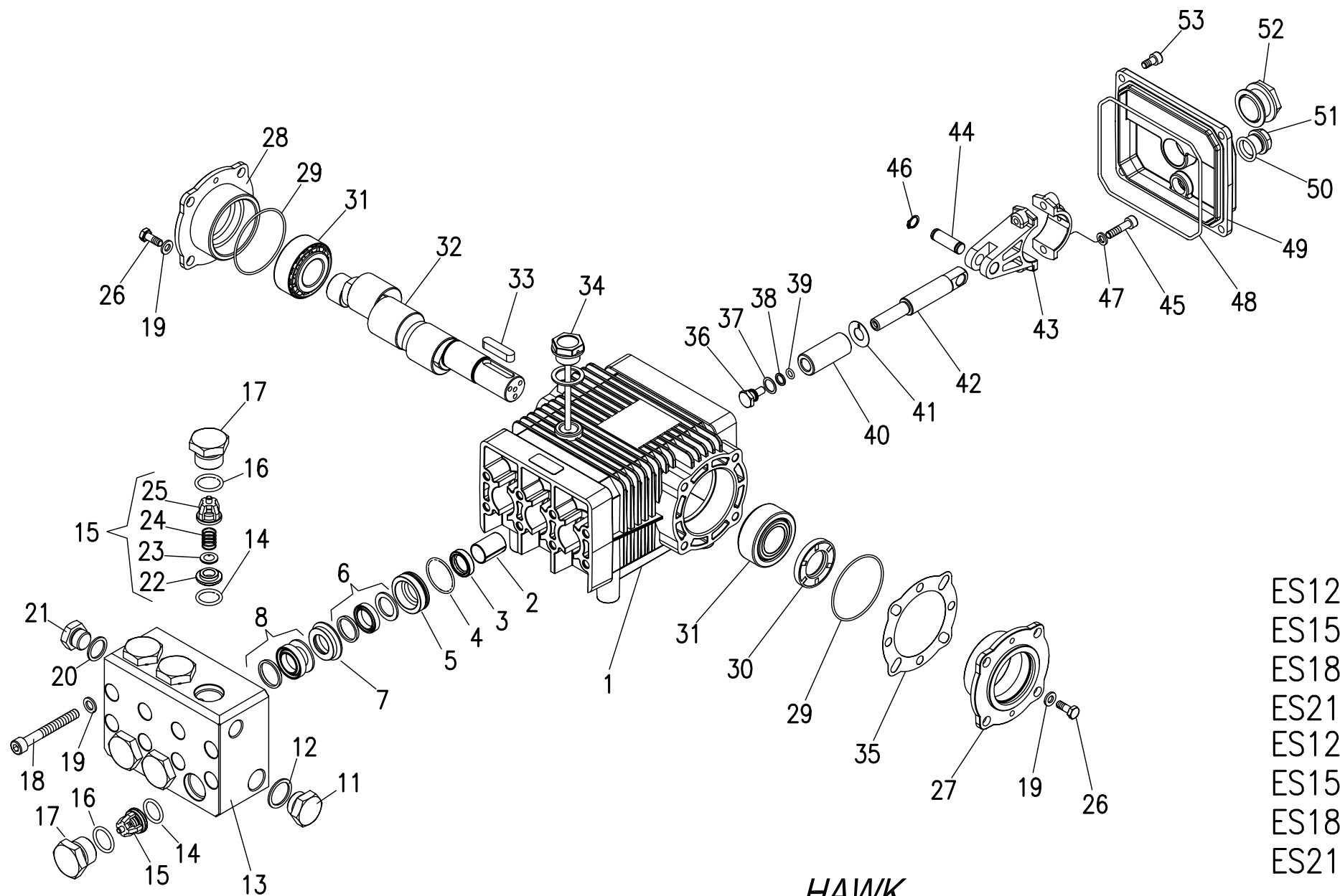




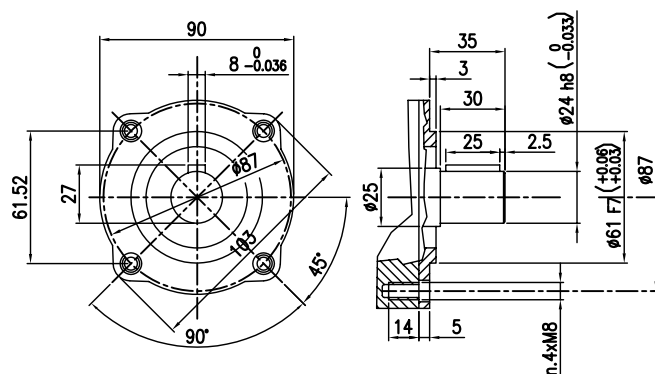
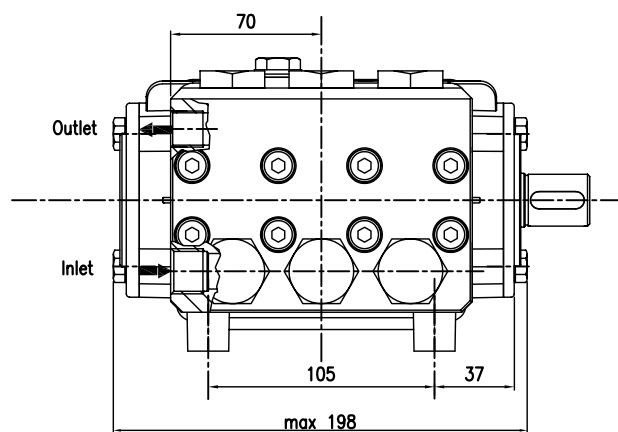
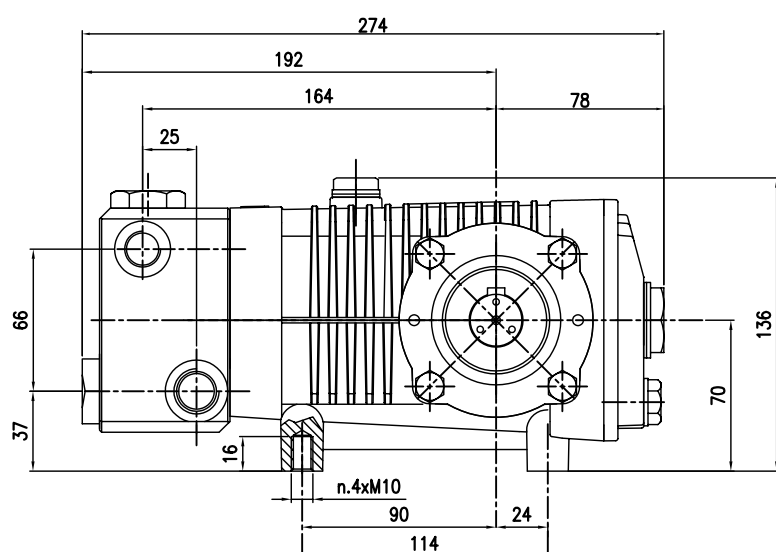
ES125I  
 ES15I  
 ES18I  
 ES21I  
 ES1220I  
 ES1520I  
 ES1820I  
 ES2120I

**HAWK**  
*Pompe ES serie 2010*  
*ES pumps 2010 series*

| Pump<br>Pompe<br>Pumpen<br>Pompa | Pressure<br>Pression<br>Druck<br>Pressione |      | Volume<br>Débit<br>Leistung<br>Portata |     | RPM<br>tours/min<br>u.p.m.<br>giri/min | Required HP<br>Puissance HP<br>Leistung HP<br>Potenza HP | Inlet port<br>Entrée<br>Eingang<br>Aspirazione | Outlet<br>Sortie<br>Ausgang<br>Mandata | Weight Kg<br>Poids Kg<br>Gewicht Kg<br>Peso Kg | Max Water t<br>Max t Eau<br>Max Wasser t<br>t Max Acqua |
|----------------------------------|--------------------------------------------|------|----------------------------------------|-----|----------------------------------------|----------------------------------------------------------|------------------------------------------------|----------------------------------------|------------------------------------------------|---------------------------------------------------------|
|                                  | bar                                        | PSI  | l/min                                  | GPM |                                        |                                                          |                                                |                                        |                                                |                                                         |
| ES125I                           | 150                                        | 2175 | 12.5                                   |     | 1450                                   | 4.8                                                      | G 1/2                                          | G 3/8                                  | 11.4                                           | 85 °C                                                   |
|                                  |                                            |      |                                        | 4.0 | 1740                                   | 5.8                                                      |                                                |                                        |                                                |                                                         |
| ES15I                            | 150                                        | 2175 | 15.0                                   |     | 1450                                   | 5.8                                                      | G 1/2                                          | G 3/8                                  | 11.4                                           | 85 °C                                                   |
|                                  |                                            |      |                                        | 4.7 | 1740                                   | 6.9                                                      |                                                |                                        |                                                |                                                         |
| ES18I                            | 150                                        | 2175 | 18.0                                   |     | 1450                                   | 6.9                                                      | G 1/2                                          | G 3/8                                  | 11.4                                           | 85 °C                                                   |
|                                  |                                            |      |                                        | 5.6 | 1740                                   | 8.3                                                      |                                                |                                        |                                                |                                                         |
| ES21I                            | 150                                        | 2175 | 21.0                                   |     | 1450                                   | 8.1                                                      | G 1/2                                          | G 3/8                                  | 11.4                                           | 85 °C                                                   |
|                                  |                                            |      |                                        | 6.6 | 1740                                   | 9.7                                                      |                                                |                                        |                                                |                                                         |
| ES1220I                          | 200                                        | 3000 | 12.5                                   |     | 1450                                   | 6.4                                                      | G 1/2                                          | G 3/8                                  | 11.4                                           | 65 °C                                                   |
|                                  |                                            |      |                                        | 4.0 | 1740                                   | 7.5                                                      |                                                |                                        |                                                |                                                         |
| ES1520I                          | 200                                        | 3000 | 15.0                                   |     | 1450                                   | 7.7                                                      | G 1/2                                          | G 3/8                                  | 11.4                                           | 65 °C                                                   |
|                                  |                                            |      |                                        | 4.7 | 1740                                   | 9.2                                                      |                                                |                                        |                                                |                                                         |
| ES1820I                          | 200                                        | 3000 | 18.0                                   |     | 1450                                   | 9.2                                                      | G 1/2                                          | G 3/8                                  | 11.4                                           | 65 °C                                                   |
|                                  |                                            |      |                                        | 5.6 | 1740                                   | 11.0                                                     |                                                |                                        |                                                |                                                         |
| ES2120I                          | 200                                        | 3000 | 21.0                                   |     | 1450                                   | 10.7                                                     | G 1/2                                          | G 3/8                                  | 11.4                                           | 65 °C                                                   |
|                                  |                                            |      |                                        | 6.6 | 1740                                   | 12.8                                                     |                                                |                                        |                                                |                                                         |

## Dimensioni d' ingombro

## Overall dimensions



## PARTS LIST

## ES pumps 01/2010 series

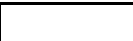
| Item | Part Number | Description            | Q.ty by Pump | ES125I | ES15I | ES18I | ES21I | ES1220I | ES1520I | ES1820I | ES2120I |
|------|-------------|------------------------|--------------|--------|-------|-------|-------|---------|---------|---------|---------|
| 1    | 0202.33     | Crankcase              | 1            |        |       |       |       |         |         |         |         |
| 2    | 0602.01     | Plunger guide          | 3            |        |       |       |       |         |         |         |         |
| *3   | 0001.03     | Plunger oil seal       | 3            |        |       |       |       |         |         |         |         |
| *4   | 0601.07     | "O" Ring Ø1.78x31.47   | 3            |        |       |       |       |         |         |         |         |
| *5   | 1201.44     | Pressure ring 20mm     | 3            |        |       |       |       |         |         |         |         |
| *6   | 0002.52     | "U" seal, dia.20mm     | 3            |        |       |       |       |         |         |         |         |
| *7   | 0300.66     | Intermediate ring 20mm | 3            |        |       |       |       |         |         |         |         |
| *8   | 0002.60     | "U" seal, dia.20mm     | 3            |        |       |       |       |         |         |         |         |
| *11  | 1601.54     | Inox plug G1/2         | 1            |        |       |       |       |         |         |         |         |
| *12  | 0603.07     | Copper washer          | 1            |        |       |       |       |         |         |         |         |
| *13  | 1602.31     | Manifold housing       | 1            |        |       |       |       |         |         |         |         |
| *14  | 0601.19     | "O" Ring Ø2.62x17.13   | 6            |        |       |       |       |         |         |         |         |
| *15  | 3604.74     | Valve assembly         | 6            |        |       |       |       |         |         |         |         |
| *16  | 0601.65     | "O" Ring Ø2.62x20.29   | 6            |        |       |       |       |         |         |         |         |
| *17  | 1601.55     | Valve plug             | 6            | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| 18   | 1801.02     | Manifold stud bolt     | 8            |        |       |       |       |         |         |         |         |
| 19   | 1400.54     | Washer                 | 16           |        |       |       |       |         |         |         |         |
| *20  | 0603.06     | Copper washer          | 1            |        |       |       |       |         |         |         |         |
| *21  | 1601.53     | Inox plug G3/8         | 1            |        |       |       |       |         |         |         |         |
| 22   | 1503.01     | Valve seat             | 6            |        |       |       |       |         |         |         |         |
| 23   | 1202.01     | Valve plate            | 6            |        |       |       |       |         |         |         |         |
| 24   | 0900.38     | Valve spring           | 6            |        |       |       |       |         |         |         |         |
| 25   | 0604.05     | Valve cage             | 6            |        |       |       |       |         |         |         |         |
| 26   | 1801.19     | Hexagonal screw        | 8            |        |       |       |       |         |         |         |         |
| 27   | 0500.60     | Bearing housing        | 1            |        |       |       |       |         |         |         |         |
| 28   | 0500.61     | Closed bearing housing | 1            |        |       |       |       |         |         |         |         |
| 29   | 0601.63     | "O" Ring Ø1.78x60,05   | 2            |        |       |       |       |         |         |         |         |
| 30   | 0001.02     | Crankshaft seal        | 1            |        |       |       |       |         |         |         |         |
| 31   | 0200.06     | Roller bearing         | 2            |        |       |       |       |         |         |         |         |
| 32   | 0004.50     | Single - ended shaft   | 1            |        |       | ◆     |       |         |         | ◆       |         |
|      | 0004.56     | " " "                  | 1            | ◆      |       |       |       | ◆       |         |         |         |
|      | 0004.57     | " " "                  | 1            |        | ◆     |       |       |         | ◆       |         |         |
|      | 0004.82     | " " "                  | 1            |        |       |       | ◆     |         |         |         | ◆       |
| 33   | 0206.00     | Crankshaft key         | 1            |        |       |       |       |         |         |         |         |
| 34   | 1600.02     | Oil dip stick          | 1            |        |       |       |       |         |         |         |         |
| 35   | 0301.02     | Shim                   | 1            |        |       |       |       |         |         |         |         |
| *36  | 1800.10     | Plunger bolt           | 3            |        |       |       |       |         |         |         |         |
| *37  | 1400.12     | Copper spacer          | 3            | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| *38  | 0601.03     | "O" Ring Ø1.78x7.66    | 3            |        |       |       |       |         |         |         |         |
| *39  | 0009.04     | Teflon ring            | 3            |        |       |       |       |         |         |         |         |
| *40  | 1200.10     | Plunger 20mm           | 3            |        |       |       |       |         |         |         |         |
| *41  | 1400.15     | Copper spacer          | 3            |        |       |       |       |         |         |         |         |
| *42  | 0003.01     | Plunger rod            | 3            |        |       |       |       | ◆       | ◆       | ◆       | ◆       |
|      | 0003.27     | Plunger rod            | 3            | ◆      | ◆     | ◆     | ◆     |         |         |         |         |
| *43  | 0100.01     | Connecting rod         | 3            |        |       |       |       |         |         |         |         |
| *44  | 1502.01     | Connecting rod pin     | 3            |        |       |       |       |         |         |         |         |
| *45  | 1801.05     | Connecting rod screw   | 6            |        |       |       |       |         |         |         |         |
| *46  | 1500.01     | Snap ring              | 6            | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| *47  | 1401.02     | Spring washer          | 6            |        |       |       |       |         |         |         |         |
| 48   | 0601.88     | "O" ring Ø 2,62x126,67 | 1            |        |       |       |       |         |         |         |         |
| 49   | 0203.53     | Crankcase cover        | 1            |        |       |       |       |         |         |         |         |
| 50   | 0601.14     | "O" Ring Ø1.78x14      | 1            |        |       |       |       |         |         |         |         |

## PARTS LIST

## ES pumps 01/2010 series

| Item | Part Number | Description       | 1 | ES125I | ES15I | ES18I | ES21I | ES1220I | ES1520I | ES1820I | ES2120I |
|------|-------------|-------------------|---|--------|-------|-------|-------|---------|---------|---------|---------|
| 51   | 1601.17     | Brass plug G3/4   | 1 |        |       |       |       |         |         |         |         |
| 52   | 0700.05     | Sight glass, G3/4 | 1 | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| 53   | 1801.12     | Cover screw       | 1 |        |       |       |       |         |         |         |         |

  Part available  
in kit only

  Part available  
in kit also

## SPARE PARTS KIT

| Included Positions                                    | Part Number & Description           | Q.ty by Pump | ES125I | ES15I | ES18I | ES21I | ES1220I | ES1520I | ES1820I | ES2120I |
|-------------------------------------------------------|-------------------------------------|--------------|--------|-------|-------|-------|---------|---------|---------|---------|
| 4- 6- 8                                               | 2600.36 Plunger Seals 20mm          | 1            |        |       |       |       |         |         |         |         |
| 3- 4- 5- 6- 7- 8                                      | 2600.54 Complete Seals Packing 20mm | 3            |        |       |       |       |         |         |         |         |
| 36- 37- 38- 39<br>40- 41                              | 2600.55 Plunger 20mm                | 3            | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| 14- 15- 17                                            | 2600.56 Complete Valve              | 6            |        |       |       |       |         |         |         |         |
| 3                                                     | 2608.03 Plunger oil Seals           | 1            |        |       |       |       |         |         |         |         |
| 4- 5- 6- 7- 8- 11<br>12- 13- 14- 15<br>16- 17- 20- 21 | 2600.57 Complete Manifold           | 1            |        |       |       |       |         |         |         |         |
| 42- 43- 44- 45<br>46- 47                              | 3100.01 Conn.rod-plun.rod assy      | 3            |        |       |       |       | ◆       | ◆       | ◆       | ◆       |
| 42- 43- 44- 45<br>46- 47                              | 3100.27 Conn.rod-plun.rod assy      | 3            | ◆      | ◆     | ◆     | ◆     |         |         |         |         |

| Pos. | Codice  | Descrizione            | Q.tà<br>per<br>Pompa | ES125I | ES15I | ES18I | ES21I | ES1220I | ES1520I | ES1820I | ES2120I |
|------|---------|------------------------|----------------------|--------|-------|-------|-------|---------|---------|---------|---------|
| 1    | 0202.33 | Carter                 | 1                    |        |       |       |       |         |         |         |         |
| 2    | 0602.01 | Guida asta pistone     | 3                    |        |       |       |       |         |         |         |         |
| *3   | 0001.03 | Anello radiale         | 3                    |        |       |       |       |         |         |         |         |
| *4   | 0601.07 | "O" Ring Ø1.78x31.47   | 3                    |        |       |       |       |         |         |         |         |
| *5   | 1201.44 | Pressore Ø20           | 3                    |        |       |       |       |         |         |         |         |
| *6   | 0002.52 | Anello tenuta "U" Ø20  | 3                    |        |       |       |       |         |         |         |         |
| *7   | 0300.66 | Diffusore Interm. Ø20  | 3                    |        |       |       |       |         |         |         |         |
| *8   | 0002.60 | Anello tenuta "U" Ø20  | 3                    |        |       |       |       |         |         |         |         |
| *11  | 1601.54 | Tappo G1/2 inox        | 1                    |        |       |       |       |         |         |         |         |
| *12  | 0603.07 | Guarnizione rame       | 1                    |        |       |       |       |         |         |         |         |
| *13  | 1602.31 | Testata                | 1                    |        |       |       |       |         |         |         |         |
| *14  | 0601.19 | "O" Ring Ø2.62x17.13   | 6                    |        |       |       |       |         |         |         |         |
| *15  | 3604.74 | Valvola premontata     | 6                    |        |       |       |       |         |         |         |         |
| *16  | 0601.65 | "O" Ring Ø2.62x20.29   | 6                    |        |       |       |       |         |         |         |         |
| *17  | 1601.55 | Tappo valvola          | 6                    | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| 18   | 1801.02 | Vite M8x65 inox A2 70  | 8                    |        |       |       |       |         |         |         |         |
| 19   | 1400.54 | Rosetta Ø8.5           | 16                   |        |       |       |       |         |         |         |         |
| *20  | 0603.06 | Guarnizione rame       | 1                    |        |       |       |       |         |         |         |         |
| *21  | 1601.53 | Tappo G3/8 inox        | 1                    |        |       |       |       |         |         |         |         |
| 22   | 1503.01 | Sede valvola           | 6                    |        |       |       |       |         |         |         |         |
| 23   | 1202.01 | Piattello valvola      | 6                    |        |       |       |       |         |         |         |         |
| 24   | 0900.38 | Molla valvola          | 6                    |        |       |       |       |         |         |         |         |
| 25   | 0604.05 | Gabbia valvola         | 6                    |        |       |       |       |         |         |         |         |
| 26   | 1801.19 | Vite M8x18             | 8                    |        |       |       |       |         |         |         |         |
| 27   | 0500.60 | Flangia                | 1                    |        |       |       |       |         |         |         |         |
| 28   | 0500.61 | Flangia chiusa         | 1                    |        |       |       |       |         |         |         |         |
| 29   | 0601.63 | "O" Ring Ø1.78x60,05   | 2                    |        |       |       |       |         |         |         |         |
| 30   | 0001.02 | Anello radiale         | 1                    |        |       |       |       |         |         |         |         |
| 31   | 0200.06 | Cuscinetto a rulli     | 2                    |        |       |       |       |         |         |         |         |
| 32   | 0004.50 | Albero singola P.d.F.  | 1                    |        |       | ◆     |       |         |         | ◆       |         |
|      | 0004.56 | " " "                  | 1                    | ◆      |       |       |       | ◆       |         |         |         |
|      | 0004.57 | " " "                  | 1                    |        | ◆     |       |       |         | ◆       |         |         |
|      | 0004.82 | " " "                  | 1                    |        |       |       | ◆     |         |         |         | ◆       |
| 33   | 0206.00 | Chiavetta              | 1                    |        |       |       |       |         |         |         |         |
| 34   | 1600.02 | Tappo livello olio     | 1                    |        |       |       |       |         |         |         |         |
| 35   | 0301.02 | Distanziale            | 1                    |        |       |       |       |         |         |         |         |
| *36  | 1800.10 | Vite pistone           | 3                    |        |       |       |       |         |         |         |         |
| *37  | 1400.12 | Rosetta rame           | 3                    | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| *38  | 0601.03 | "O" Ring Ø1.78x7.66    | 3                    |        |       |       |       |         |         |         |         |
| *39  | 0009.04 | Anello antiestrusione  | 3                    |        |       |       |       |         |         |         |         |
| *40  | 1200.10 | Pistone Ø20            | 3                    |        |       |       |       |         |         |         |         |
| *41  | 1400.15 | Rosetta rame           | 3                    |        |       |       |       |         |         |         |         |
| *42  | 0003.01 | Asta pistone           | 3                    |        |       |       |       | ◆       | ◆       | ◆       | ◆       |
|      | 0003.27 | Asta pistone           | 3                    | ◆      | ◆     | ◆     | ◆     |         |         |         |         |
| *43  | 0100.01 | Biella                 | 3                    |        |       |       |       |         |         |         |         |
| *44  | 1502.01 | Spinotto               | 3                    |        |       |       |       |         |         |         |         |
| *45  | 1801.05 | Vite M6x25             | 6                    |        |       |       |       |         |         |         |         |
| *46  | 1500.01 | Anello Ø10             | 6                    | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| *47  | 1401.02 | Rosetta elastica Ø6    | 6                    |        |       |       |       |         |         |         |         |
| 48   | 0601.88 | "O" ring Ø 2,62x126,67 | 1                    |        |       |       |       |         |         |         |         |
| 49   | 0203.53 | Coperchio posteriore   | 1                    |        |       |       |       |         |         |         |         |
| 50   | 0601.14 | "O" Ring Ø1.78x14      | 1                    |        |       |       |       |         |         |         |         |

| Pos. | Codice  | Descrizione            | Q.tà<br>per<br>Pompa | ES125I | ES15I | ES18I | ES21I | ES1220I | ES1520I | ES1820I | ES2120I |
|------|---------|------------------------|----------------------|--------|-------|-------|-------|---------|---------|---------|---------|
| 51   | 1601.17 | Tappo G3/8 ottone      | 1                    |        |       |       |       |         |         |         |         |
| 52   | 0700.05 | Spia livello olio G3/4 | 1                    | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| 53   | 1801.12 | Vite M6x16             | 4                    |        |       |       |       |         |         |         |         |

  **Particol. disponibile  
solo in kit**

  **Particol. disponibile  
anche in kit**

## KIT RICAMBI

| Posizioni<br>incluse                                  | Descrizione                                    | Q.tà<br>per<br>Pompa | ES125I | ES15I | ES18I | ES21I | ES1220I | ES1520I | ES1820I | ES2120I |
|-------------------------------------------------------|------------------------------------------------|----------------------|--------|-------|-------|-------|---------|---------|---------|---------|
| 4- 6- 8                                               | 2600.36 Guarnizioni pistone Ø20                | 1                    |        |       |       |       |         |         |         |         |
| 3- 4- 5- 6- 7- 8                                      | 2600.54 Pacco completo Guarnizioni pistone Ø20 | 3                    |        |       |       |       |         |         |         |         |
| 36- 37- 38- 39<br>40- 41                              | 2600.55 Pistone Ø20                            | 3                    | ◆      | ◆     | ◆     | ◆     | ◆       | ◆       | ◆       | ◆       |
| 14- 15- 16                                            | 2600.56 Valvola completa                       | 6                    |        |       |       |       |         |         |         |         |
| 3                                                     | 2608.03 Anelli tenuta olio Asta                | 1                    |        |       |       |       |         |         |         |         |
| 4- 5- 6- 7- 8- 11<br>12- 13- 14- 15<br>16- 17- 20- 21 | 2600.57 Testata Completa                       | 1                    |        |       |       |       |         |         |         |         |
| 42- 43- 44- 45<br>46- 47                              | 3100.01 Premontato biella-asta                 | 3                    |        |       |       |       | ◆       | ◆       | ◆       | ◆       |
| 42- 43- 44- 45<br>46- 47                              | 3100.27 Premontato biella-asta                 | 3                    | ◆      | ◆     | ◆     | ◆     |         |         |         |         |