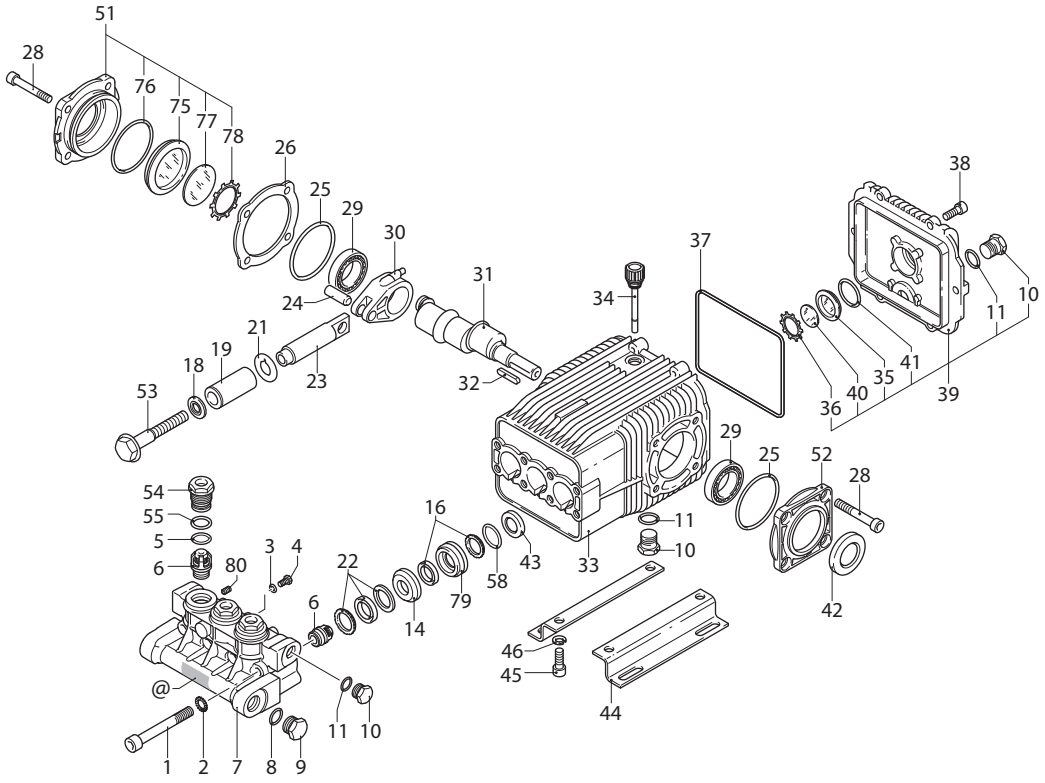
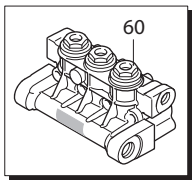
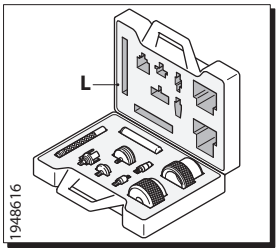
# SHPA VERSION N 1750rpm ø 24x45 mm

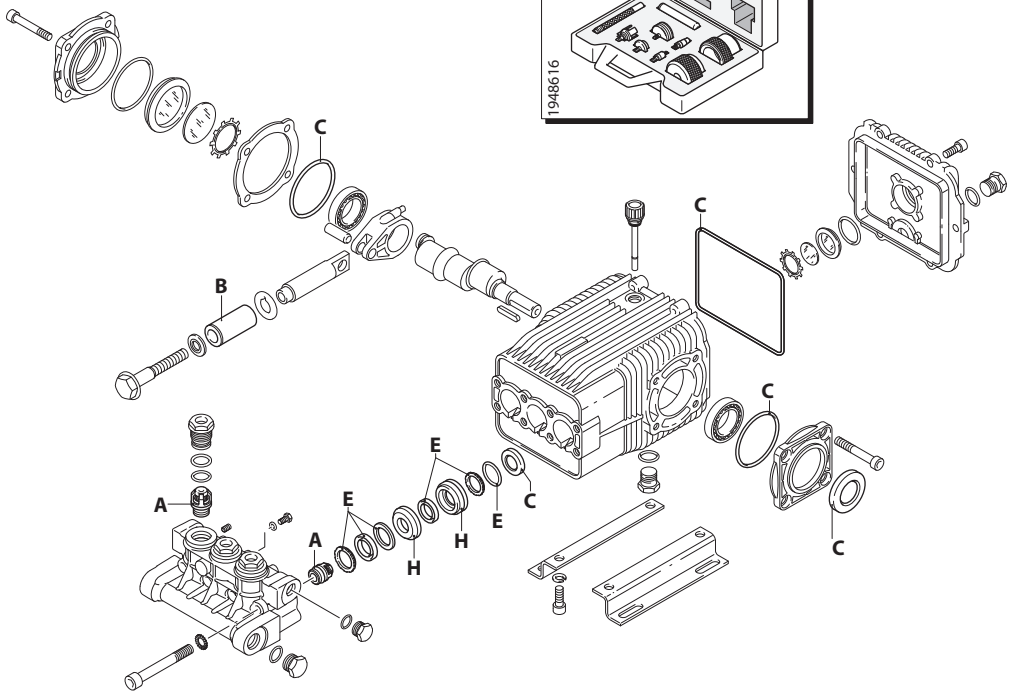


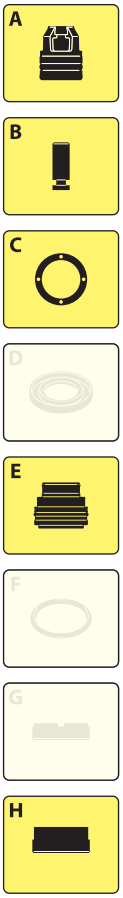




UN003498-MR

## KIT RICAMBI / *PART KITS*




UN003499-LM

# 194 Series

**SHPA 1750 rpm N version ø 24x45 mm**

**4 G70** (23022)

| Pos. | Cod. | Denominazione | | Description | Qt | Note |
|---|---|---|---|---|---|---|
| 1 | 850260 | Vite | TCEI M10x90 | Screw | 8 | C=50Nm |
| 2 | 650530 | Rondella | | Washer | 8 | |
| 3 | 1982570 | Rondella | | Washer | 3 | |
| 4 | 2460810 | Vite | TE M6x12 | Screw | 3 | ◔ C=7Nm |
| 5 | 880830 | Guarnizione OR | Ø 15,54x2,62 | O-ring | 3 | |
| 6 | 1949052 | Valvola completa | | Complete valve | 6 | ⋈ |
| 7 | 1942190 | Testa | | Head | 1 | |
| 8 | 180101 | Guarnizione OR | Ø 17,5x2 | O-ring | 1 | |
| 9 | 820361 | Tappo | 1/2" G ottone | Plug | 1 | C=30Nm |
| 10 | 1980740 | Tappo | 3/8" G ottone | Plug | 3 | ◔ C=25Nm |
| 11 | 740290 | Guarnizione OR | Ø 14x1,78 | O-ring | 3 | |
| 14 | 1942470 | Guida pistone | anteriore Ø18 | Piston guide | 3 | |
| 16 | 1942690 | Tenuta acqua | | Water seal | 3 | ⋈ |
| 18 | 1340600 | Rondella | | Washer | 3 | |
| 19 | 1941020 | Pistone | Ø 18 | Piston | 3 | |
| 21 | 1383190 | Disco | | Plate | 3 | |
| 22 | 1942700 | Guarnizione | | Gasket | 3 | ⋈ |
| 23 | 1940960 | Pistone | di guida | Piston | 3 | |
| 24 | 1940060 | Perno | | Hub pin | 3 | |
| 25 | 1941380 | Guarnizione OR | Ø 66,34x2,62 | O-ring | 2 | |
| 26 | 1941390 | Spessore 0,05 mm | | Shim 0.05 mm | 1 | |
| | 1941400 | Spessore 0,10 mm | | Shim 0.10 mm | 1 | |
| | 1941410 | Spessore 0,19 mm | | Shim 0.19 mm | 1 | |
| | 1941420 | Spessore 0,25 mm | | Shim 0.25 mm | 1 | |
| 28 | 850370 | Vite | TCEI M8x16 | Screw | 8 | C=24,5Nm |
| 29 | 1140410 | Cuscinetto | | Bearing | 2 | |
| 30 | 1940051 | Biella | alluminio | Connecting-rod | 3 | ◔ C=20Nm |
| 31 | 1940520 | Albero | marcato 5 | Shaft | 1 | |
| 32 | 650250 | Linguetta | | Key | 1 | |
| 33 | 1941330 | Corpo pompa | | Pump body | 1 | |
| 34 | 1140370 | Tappo | | Plug | 1 | |
| 35 | 1260250 | Indicatore livello | | Level gauge | 1 | |
| 36 | 1260430 | Anello | | Ring | 1 | |
| 37 | 1940410 | Guarnizione OR | Ø 132x3 | O-ring | 1 | |
| 38 | 1200430 | Vite | TCEI M6x16 | Screw | 6 | C=10Nm |
| 39 | 1949010 | Coperchio | completo | Cover | 1 | |
| 40 | 1780690 | Disco | | Plate | 1 | |
| 41 | 1140450 | Guarnizione OR | Ø 20,24x2,62 | O-ring | 1 | |
| 42 | 820680 | Anello | tenuta | Ring | 1 | (a) |
| 43 | 1940560 | Anello | tenuta | Ring | 3 | |
| 44 | 1940370 | Piede | | Foot | 2 | Optional |
| 45 | 1940380 | Vite | TCEI 10x18 | Screw | 4 | Optional C=50Nm |

| Pos. | Cod. | Denominazione | | Description | Qt | Note |
|---|---|---|---|---|---|---|
| 46 | 200231 | Rondella | | Washer | 4 | Optional |
| 51 | 1949011 | Coperchio | | Cover | 1 | |
| 52 | 1941240 | Supporto | | Support | 1 | |
| 53 | 1941640 | Vite | TE M6x60 | Screw | 3 | ✡ C=7Nm |
| 54 | 1940940 | Tappo | | Plug | 3 | ◔ ✱ C=60Nm |
| 55 | 1941070 | Anello | antiestrusione | Ring | 3 | |
| 58 | 820490 | Guarnizione OR | Ø 34,65x1,78 | O-ring | 3 | |
| 60 | 1949215 | Premontaggio testa | | Head assembly | 1 | |
| 75 | 1941270 | Indicatore livello | | Level gauge | 1 | |
| 76 | 100410 | Guarnizione OR | Ø 34,6x2,62 | O-ring | 1 | |
| 77 | 1941260 | Disco | | Plate | 1 | |
| 78 | 1941290 | Anello | | Ring | 1 | |
| 79 | 1942480 | Guida pistone | posteriore Ø 18 | Piston guide | 3 | |
| 80 | 1660200 | Vite | STEI M5x6 | Screw | 1 | ◔ C=4Nm |

## KIT RICAMBI - *PART KITS*

| A=KIT 2185 valvole *valves* | | B=KIT 2872 ø 18 pistoni *pistons* | | C=KIT 2873 tenute olio *oil seals* | | E=KIT 2874 ø 18 tenute acqua *water seals* | |
|---|---|---|---|---|---|---|---|
| Pos. | Q.ty | Pos. | Q.ty | Pos. | Q.ty | Pos. | Q.ty |
| 6 | 6 | 19 | 3 | 25 | 2 | 16 | 3 |
| | | | | 37 | 1 | 22 | 3 |
| | | | | 42 | 1 | 58 | 3 |
| | | | | 43 | 3 | | |

| H=KIT 42120 Ø 18 guida pistoni *pistons guide* | | L=KIT 2248 attrezzi manutenzione testa *head maintenance tools* | | | |
|---|---|---|---|---|---|
| Pos. | Q.ty | Pos. | Q.ty | Pos. | Q.ty |
| 14 | 3 | | | | |
| 79 | 3 | | | | |

## SIMBOLOGIA - *SYMBOLS*

C Tolleranza coppia di serraggio +0÷-10% / *Tightening torque tolerance +0÷-10%*
◔ Avvitare con Loxeal 55-14 / *Screw with Loxeal 55-14*
⋈ Lubrificare con grasso Molykote PG54 / *Lubricate with grease Molykote PG54*
✡ Il frenafiletti Loxeal 24-18 deve essere inserito solo sulla madrevite e non sulla vite prima dell'assemblaggio. / *The thread lock Loxeal 55-14 should only be placed on the nut, not on the screw prior to assembly*
✱ Avvitare a mano, NON usare gli avvitatori per evitare rotture delle gabbie valvole. / *Tighten by hand, DO NOT use screwdrivers to avoid breakage of the valve cages.*
\- Per il montaggio valvole aspirazione utilizzare kit 2248 / *For the suction valves assembly use kit 2248*
\- Per il montaggio valvole mandata utilizzare kit 2248 / *For the delivery valves assembly use kit 2248*
\- Per estrazione sedi valvole in mandata e aspirazione utilizzare kit 2248 / *For extraction of the valves seats (delivery and suction) use kit 2248*
(a) Montare anello tenuta con attrezzo cod. 1941990 / *Fit the seal with tool code nr. 1941990*
@ Posizionamento targa di identificazione / *Identification plate positioning*

| Olio - *Oil* | | | |
|---|---|---|---|
| Tipo / *Type* | Quantità / *Quantity* | | |
| SAE 75W90 | 0,9 Kg | | |