



## SS7193



### TECHNICAL INFORMATION

|                                   |               |
|-----------------------------------|---------------|
| Flow (L/min)                      | 93            |
| Flow (US Gpm)                     | 24,5          |
| Rotation regime (rpm)             | 1000          |
| Pressure (MPa)                    | 20            |
| Pressure (bar)                    | 200           |
| Pressure (psi)                    | 2900          |
| Power (hp)                        | 48            |
| Power (kW)                        | 35,3          |
| Overall dimensions L x l x h (mm) | 526x367x252,5 |
| Weight (kg)                       | 68            |



## Documents

Male shaft (key) - GAS

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Male shaft (key) - NPT

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Gearbox with male shaft (key) - GAS - 1800 rpm - R=1,5

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Male shaft (key) - GAS - ATEX

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## Illustration Male shaft (key) - GAS

| Pos.    | Code     | Description                                       | Qty | Notes |
|---------|----------|---|-----|-------|
| KIT2210 | 34221001 |   | 1   |       |
| KIT2155 | 34215501 |   | 1   |       |
| KIT2154 | 34215401 |   | 1   |       |
| KIT2135 | 34213501 |   | 1   |       |
| KIT2119 | 34211901 |   | 1   |       |
| KIT2043 | 34204301 |   | 1   |       |
| KIT2042 | 34204201 |   | 1   |       |
| 65      | 71050866 |   | 3   |       |
| 64      | 90911000 |   | 3   |       |
| 63      | 90924000 |   | 3   |       |
| 63      | 90922200 | UPPER HALF CONROD BUSHING<br>+0.5 (BIG END) S.70  | 3   |       |
| 63      | 90922100 | UPPER HALF CONROD BUSHING<br>+0.25 (BIG END) S.70 | 3   |       |
| 62      | 90924300 |   | 3   |       |
| 62      | 90922500 | LOWER HALF CONROD BUSHING<br>+0.50 (BIG END) S.70 | 3   |       |
| 62      | 90922400 | LOWER HALF CONROD BUSHING<br>+0.25 (BIG END) S.70 | 3   |       |
| 61      | 71225951 | PLUG CAP  | 3   |       |
| 60      | 71225851 |   | 6   |       |
| 58      | 71223074 | STAFFA DI SOLLEVAMENTO                            | 1   |       |
| 57      | 99426600 | VITE TE M12X25-UNI5739 ZINC.                      | 1   |       |
| 56      | 71030701 |   | 3   |       |
| 55      | 90352800 | O-RING D. 29.00x1.50 NBR 70SH                     | 3   |       |
| 54      | 99199400 |   | 6   |       |
| 53      | 94754000 | SPRING D.24.7X27                                  | 3   |       |
| 52      | 36715501 |   | 3   |       |
| 51      | 36715601 |   | 3   |       |
| 50      | 90524000 |   | 6   |       |
| 49      | 36207256 |   | 6   |       |
| 48      | 36209602 |   | 6   |       |
| 47      | 36208651 | INNER VALVE GUIDE                                 | 6   |       |
| 46      | 94755000 |   | 3   |       |
| 45      | 36204505 | VALVE CAGE SS (71 SERIES)                         | 6   |       |
| 44      | 90388900 |   | 12  |       |
| 43      | 90525000 |   | 6   |       |
| 42      | 71223766 |   | 6   |       |

## Illustration Male shaft (key) - GAS

| Pos. | Code     | Description                         | Qty | Notes |
|------|----------|-------------------------------------|-----|-------|
| 41   | 71223636 |                                     | 2   |       |
| 40   | 99429500 | SCREW M12X35 UNI5931 12.31<br>DACR. | 14  |       |
| 39   | 99448200 |                                     | 8   |       |
| 38   | 71128636 |                                     | 1   |       |
| 36   | 70222266 |                                     | 3   |       |
| 35   | 90238000 |                                     | 3   |       |
| 34   | 90389100 |                                     | 3   |       |
| 33   | 71227366 |                                     | 3   |       |
| 32   | 90238100 |                                     | 3   |       |
| 31   | 71227266 |                                     | 3   |       |
| 30   | 90079700 |                                     | 3   |       |
| 29   | 71223856 |                                     | 3   |       |
| 28   | 90367100 |                                     | 3   |       |
| 27   | 71040609 |                                     | 3   |       |
| 26   | 96714000 |                                     | 3   |       |
| 25   | 90167800 |                                     | 3   |       |
| 24   | 97743000 |                                     | 3   |       |
| 23   | 71050715 |                                     | 3   |       |
| 22   | 90060600 |                                     | 1   |       |
| 21   | 71606601 |                                     | 3   |       |
| 20   | 90170000 |                                     | 1   |       |
| 19   | 71150022 |                                     | 1   |       |
| 18   | 91500000 |                                     | 1   |       |
| 17   | 71020035 |                                     | 1   |       |
| 16   | 99313800 |                                     | 6   |       |
| 15   | 98206000 |                                     | 4   |       |
| 14   | 90400000 |                                     | 1   |       |
| 13   | 71160022 |                                     | 1   |       |
| 12   | 98212000 |                                     | 1   |       |
| 11   | 98218100 |                                     | 4   |       |
| 10   | 90384100 | O-RING 17,12X2,62 (3068)            | 6   |       |
| 9    | 99186800 |                                     | 20  |       |
| 8    | 71150122 |                                     | 1   |       |
| 7    | 90387700 | O-RING 39,34X2,62 (3156)            | 1   |       |
| 6    | 70211801 | OIL SIGHT GLASS                     | 1   |       |
| 5    | 90075600 | CIRCLIP D.45 (ZJ45)                 | 1   |       |
| 4    | 70220381 | SHIM 0.25 MM.                       | 1   |       |
| 4    | 70220081 | SHIM 0.1 MM.                        | 1   |       |
| 3    | 90391800 |                                     | 2   |       |
| 2    | 91859000 |                                     | 2   |       |

## Illustration Male shaft (key) - GAS

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| Pos. | Code     | Description | Qty | Notes |
|------|----------|-------------|-----|-------|
| 1    | 71010022 |             | 1   |       |



## Illustration Male shaft (key) - NPT

| Pos.    | Code     | Description                                       | Qty | Notes |
|---------|----------|---|-----|-------|
| KIT2210 | 34221001 |   | 1   |       |
| KIT2155 | 34215501 |   | 1   |       |
| KIT2154 | 34215401 |   | 1   |       |
| KIT2135 | 34213501 |   | 1   |       |
| KIT2119 | 34211901 |   | 1   |       |
| KIT2043 | 34204301 |   | 1   |       |
| KIT2042 | 34204201 |   | 1   |       |
| 65      | 71050866 |   | 3   |       |
| 64      | 90911000 |   | 3   |       |
| 63      | 90924000 |   | 3   |       |
| 63      | 90922200 | UPPER HALF CONROD BUSHING<br>+0.5 (BIG END) S.70  | 3   |       |
| 63      | 90922100 | UPPER HALF CONROD BUSHING<br>+0.25 (BIG END) S.70 | 3   |       |
| 62      | 90924300 |   | 3   |       |
| 62      | 90922500 | LOWER HALF CONROD BUSHING<br>+0.50 (BIG END) S.70 | 3   |       |
| 62      | 90922400 | LOWER HALF CONROD BUSHING<br>+0.25 (BIG END) S.70 | 3   |       |
| 61      | 71225951 | PLUG CAP  | 3   |       |
| 60      | 71225851 |   | 6   |       |
| 58      | 71223074 | STAFFA DI SOLLEVAMENTO                            | 1   |       |
| 57      | 99426600 | VITE TE M12X25-UNI5739 ZINC.                      | 1   |       |
| 56      | 71030701 |   | 3   |       |
| 55      | 90352800 | O-RING D. 29.00x1.50 NBR 70SH                     | 3   |       |
| 54      | 99199400 |   | 6   |       |
| 53      | 94754000 | SPRING D.24.7X27                                  | 3   |       |
| 52      | 36715501 |   | 3   |       |
| 51      | 36715601 |   | 3   |       |
| 50      | 90524000 |   | 6   |       |
| 49      | 36207256 |   | 6   |       |
| 48      | 36209602 |   | 6   |       |
| 47      | 36208651 | INNER VALVE GUIDE                                 | 6   |       |
| 46      | 94755000 |   | 3   |       |
| 45      | 36204505 | VALVE CAGE SS (71 SERIES)                         | 6   |       |
| 44      | 90388900 |   | 12  |       |
| 43      | 90525000 |   | 6   |       |
| 42      | 71223766 |   | 6   |       |

## Illustration Male shaft (key) - NPT

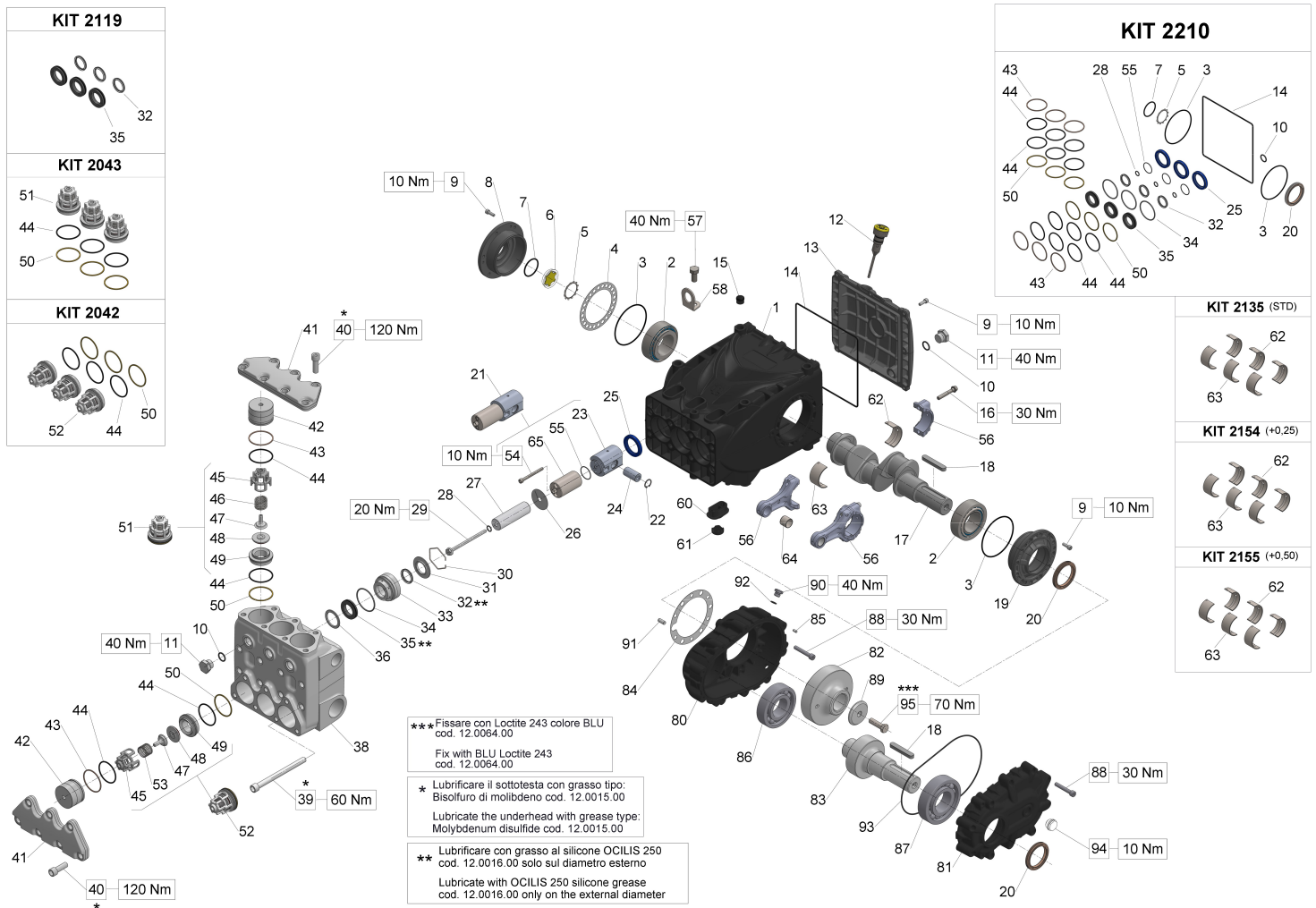
| Pos. | Code     | Description                         | Qty | Notes |
|------|----------|-------------------------------------|-----|-------|
| 41   | 71223636 |                                     | 2   |       |
| 40   | 99429500 | SCREW M12X35 UNI5931 12.31<br>DACR. | 14  |       |
| 39   | 99448200 |                                     | 8   |       |
| 38   | 71127236 |                                     | 1   |       |
| 36   | 70222266 |                                     | 3   |       |
| 35   | 90238000 |                                     | 3   |       |
| 34   | 90389100 |                                     | 3   |       |
| 33   | 71227366 |                                     | 3   |       |
| 32   | 90238100 |                                     | 3   |       |
| 31   | 71227266 |                                     | 3   |       |
| 30   | 90079700 |                                     | 3   |       |
| 29   | 71223856 |                                     | 3   |       |
| 28   | 90367100 |                                     | 3   |       |
| 27   | 71040609 |                                     | 3   |       |
| 26   | 96714000 |                                     | 3   |       |
| 25   | 90167800 |                                     | 3   |       |
| 24   | 97743000 |                                     | 3   |       |
| 23   | 71050715 |                                     | 3   |       |
| 22   | 90060600 |                                     | 1   |       |
| 21   | 71606601 |                                     | 3   |       |
| 20   | 90170000 |                                     | 1   |       |
| 19   | 71150022 |                                     | 1   |       |
| 18   | 91500000 |                                     | 1   |       |
| 17   | 71020035 |                                     | 1   |       |
| 16   | 99313800 |                                     | 6   |       |
| 15   | 98206000 |                                     | 4   |       |
| 14   | 90400000 |                                     | 1   |       |
| 13   | 71160022 |                                     | 1   |       |
| 12   | 98212000 |                                     | 1   |       |
| 11   | 98218100 |                                     | 4   |       |
| 10   | 90384100 | O-RING 17,12X2,62 (3068)            | 6   |       |
| 9    | 99186800 |                                     | 20  |       |
| 8    | 71150122 |                                     | 1   |       |
| 7    | 90387700 | O-RING 39,34X2,62 (3156)            | 1   |       |
| 6    | 70211801 | OIL SIGHT GLASS                     | 1   |       |
| 5    | 90075600 | CIRCLIP D.45 (ZJ45)                 | 1   |       |
| 4    | 70220381 | SHIM 0.25 MM.                       | 1   |       |
| 4    | 70220081 | SHIM 0.1 MM.                        | 1   |       |
| 3    | 90391800 |                                     | 2   |       |
| 2    | 91859000 |                                     | 2   |       |

## Illustration Male shaft (key) - NPT

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| Pos. | Code     | Description | Qty | Notes |
|------|----------|-------------|-----|-------|
| 1    | 71010022 |             | 1   |       |

# Illustration Gearbox with male shaft (key) - GAS - 1800 rpm - R=1,5



## Illustration Gearbox with male shaft (key) - GAS - 1800 rpm - R=1,5

| Pos.    | Code     | Description                                       | Qty | Notes |
|---------|----------|---|-----|-------|
| KIT2210 | 34221001 |   | 1   |       |
| KIT2155 | 34215501 |   | 1   |       |
| KIT2154 | 34215401 |   | 1   |       |
| KIT2135 | 34213501 |   | 1   |       |
| KIT2119 | 34211901 |   | 1   |       |
| KIT2043 | 34204301 |   | 1   |       |
| KIT2042 | 34204201 |   | 1   |       |
| 95      | 99430700 |   | 1   |       |
| 94      | 97594000 |   | 1   |       |
| 93      | 90394800 |   | 1   |       |
| 92      | 90358500 | O-RING 10,82X1,78 (2043)                          | 2   |       |
| 90      | 98204250 | PLUG G1/4"x12                                     | 2   |       |
| 91      | 97618500 |   | 1   |       |
| 89      | 72211055 |   | 1   |       |
| 88      | 99314600 |   | 16  |       |
| 87      | 91859300 |   | 1   |       |
| 86      | 91857700 |   | 1   |       |
| 85      | 97615200 | PIN D.5x10  | 1   |       |
| 84      | 72210784 |   | 1   |       |
| 83      | 10070935 |   | 1   |       |
| 82      | 10071235 |   | 1   |       |
| 81      | 72210920 |   | 1   |       |
| 80      | 72210820 |   | 1   |       |
| 65      | 71050866 |   | 3   |       |
| 64      | 90911000 |   | 3   |       |
| 63      | 90924000 |   | 3   |       |
| 63      | 90922200 | UPPER HALF CONROD BUSHING<br>+0.5 (BIG END) S.70  | 3   |       |
| 63      | 90922100 | UPPER HALF CONROD BUSHING<br>+0.25 (BIG END) S.70 | 3   |       |
| 62      | 90924300 |   | 3   |       |
| 62      | 90922500 | LOWER HALF CONROD BUSHING<br>+0.50 (BIG END) S.70 | 3   |       |
| 62      | 90922400 | LOWER HALF CONROD BUSHING<br>+0.25 (BIG END) S.70 | 3   |       |
| 61      | 71225951 | PLUG CAP  | 3   |       |
| 60      | 71225851 |   | 6   |       |
| 58      | 71223074 | STAFFA DI SOLLEVAMENTO                            | 1   |       |
| 57      | 99426600 | VITE TE M12X25-UNI5739 ZINC.                      | 1   |       |
| 56      | 71030701 |   | 3   |       |

## Illustration Gearbox with male shaft (key) - GAS - 1800 rpm - R=1,5

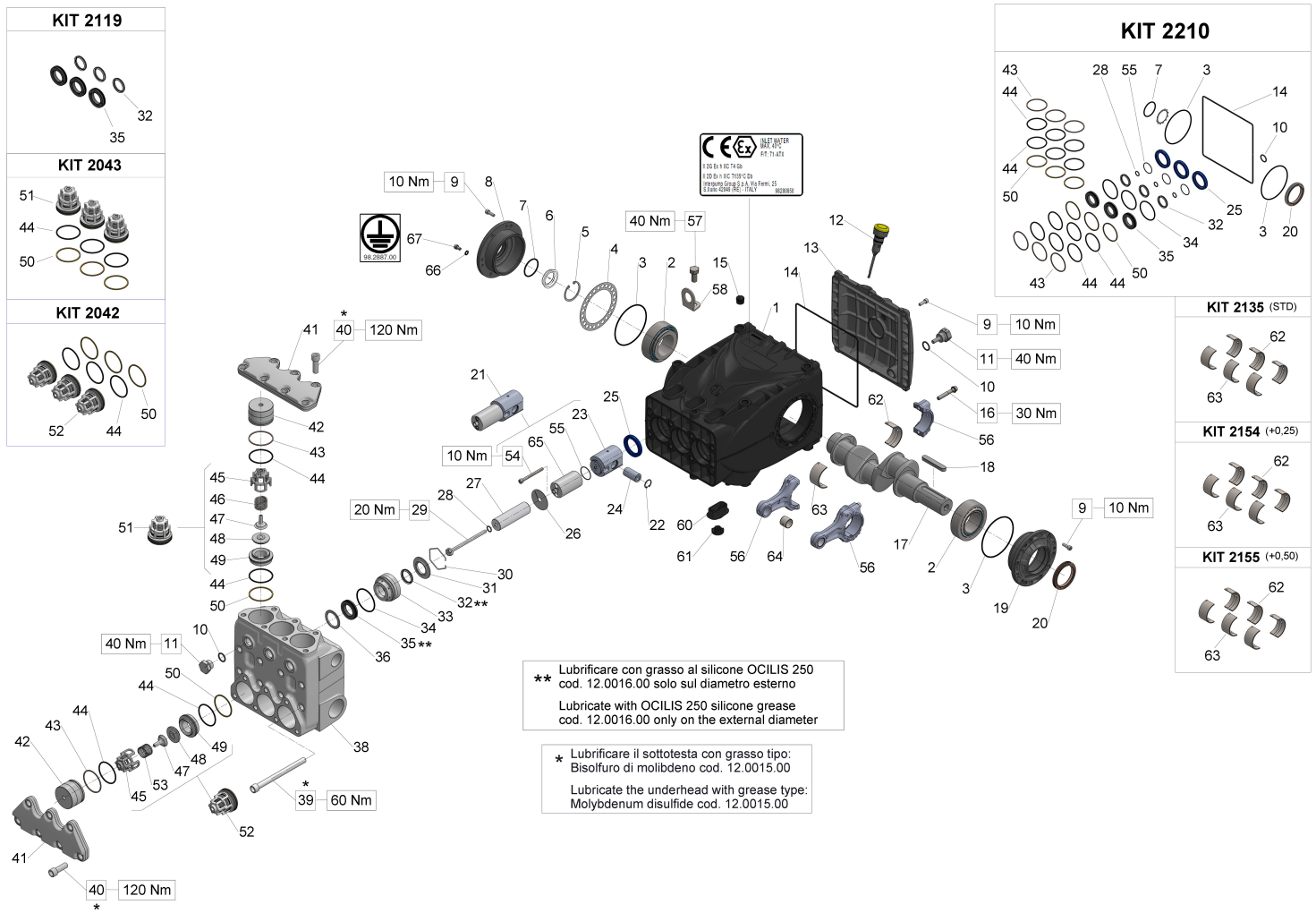
| Pos. | Code     | Description                         | Qty | Notes |
|------|----------|-------------------------------------|-----|-------|
| 55   | 90352800 | O-RING D. 29.00x1.50 NBR 70SH 3     |     |       |
| 54   | 99199400 |                                     | 6   |       |
| 53   | 94754000 | SPRING D.24.7X27                    | 3   |       |
| 52   | 36715501 |                                     | 3   |       |
| 51   | 36715601 |                                     | 3   |       |
| 50   | 90524000 |                                     | 6   |       |
| 49   | 36207256 |                                     | 6   |       |
| 48   | 36209602 |                                     | 6   |       |
| 47   | 36208651 | INNER VALVE GUIDE                   | 6   |       |
| 46   | 94755000 |                                     | 3   |       |
| 45   | 36204505 | VALVE CAGE SS (71 SERIES)           | 6   |       |
| 44   | 90388900 |                                     | 12  |       |
| 43   | 90525000 |                                     | 6   |       |
| 42   | 71223766 |                                     | 6   |       |
| 41   | 71223636 |                                     | 2   |       |
| 40   | 99429500 | SCREW M12X35 UNI5931 12.31<br>DACR. | 14  |       |
| 39   | 99448200 |                                     | 8   |       |
| 38   | 71128636 |                                     | 1   |       |
| 36   | 70222266 |                                     | 3   |       |
| 35   | 90238000 |                                     | 3   |       |
| 34   | 90389100 |                                     | 3   |       |
| 33   | 71227366 |                                     | 3   |       |
| 32   | 90238100 |                                     | 3   |       |
| 31   | 71227266 |                                     | 3   |       |
| 30   | 90079700 |                                     | 3   |       |
| 29   | 71223856 |                                     | 3   |       |
| 28   | 90367100 |                                     | 3   |       |
| 27   | 71040609 |                                     | 3   |       |
| 26   | 96714000 |                                     | 3   |       |
| 25   | 90167800 |                                     | 3   |       |
| 24   | 97743000 |                                     | 3   |       |
| 23   | 71050715 |                                     | 3   |       |
| 22   | 90060600 |                                     | 1   |       |
| 21   | 71606601 |                                     | 3   |       |
| 20   | 90170000 |                                     | 2   |       |
| 19   | 71150022 |                                     | 1   |       |
| 18   | 91500000 |                                     | 2   |       |
| 17   | 71020035 |                                     | 1   |       |
| 16   | 99313800 |                                     | 6   |       |

## Illustration Gearbox with male shaft (key) - GAS - 1800 rpm - R=1,5

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| Pos. | Code     | Description              | Qty | Notes |
|------|----------|--------------------------|-----|-------|
| 15   | 98206000 |                          | 4   |       |
| 14   | 90400000 |                          | 1   |       |
| 13   | 71160022 |                          | 1   |       |
| 12   | 98212000 |                          | 1   |       |
| 11   | 98218100 |                          | 4   |       |
| 10   | 90384100 | O-RING 17,12X2,62 (3068) | 6   |       |
| 9    | 99186800 |                          | 20  |       |
| 8    | 71150122 |                          | 1   |       |
| 7    | 90387700 | O-RING 39,34X2,62 (3156) | 1   |       |
| 6    | 70211801 | OIL SIGHT GLASS          | 1   |       |
| 5    | 90075600 | CIRCLIP D.45 (ZJ45)      | 1   |       |
| 4    | 70220381 | SHIM 0.25 MM.            | 1   |       |
| 4    | 70220081 | SHIM 0.1 MM.             | 1   |       |
| 3    | 90391800 |                          | 2   |       |
| 2    | 91859000 |                          | 2   |       |
| 1    | 71010022 |                          | 1   |       |

# Illustration Male shaft (key) - GAS - ATEX



## Illustration Male shaft (key) - GAS - ATEX

| Pos.    | Code     | Description                                    | Qty | Notes |
|---------|----------|--|-----|-------|
| KIT2210 | 34221001 |  | 1   |       |
| KIT2155 | 34215501 |  | 1   |       |
| KIT2154 | 34215401 |  | 1   |       |
| KIT2135 | 34213501 |  | 1   |       |
| KIT2119 | 34211901 |  | 1   |       |
| KIT2043 | 34204301 |  | 1   |       |
| KIT2042 | 34204201 |  | 1   |       |
| 67      | 99180900 | SCREW M06X10 5931 A2-70                        | 1   |       |
| 66      | 96693950 | WASHER 6.4x11.0x0.7 D6798A INOX                | 1   |       |
| 65      | 71050866 |  | 3   |       |
| 64      | 90911000 |  | 3   |       |
| 63      | 90924000 |  | 3   |       |
| 63      | 90922200 | UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70  | 3   |       |
| 63      | 90922100 | UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70 | 3   |       |
| 62      | 90924300 |  | 3   |       |
| 62      | 90922500 | LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70 | 3   |       |
| 62      | 90922400 | LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70 | 3   |       |
| 61      | 71225951 | PLUG CAP                                       | 3   |       |
| 60      | 71225851 |  | 6   |       |
| 58      | 71223074 | STAFFA DI SOLLEVAMENTO                         | 1   |       |
| 57      | 99426600 | VITE TE M12X25-UNI5739 ZINC.                   | 1   |       |
| 56      | 71030701 |  | 3   |       |
| 55      | 90352800 | O-RING D. 29.00x1.50 NBR 70SH                  | 3   |       |
| 54      | 99199400 |  | 6   |       |
| 53      | 94754000 | SPRING D.24.7X27                               | 3   |       |
| 52      | 36715501 |  | 3   |       |
| 51      | 36715601 |  | 3   |       |
| 50      | 90524000 |  | 6   |       |
| 49      | 36207256 |  | 6   |       |
| 48      | 36209602 |  | 6   |       |
| 47      | 36208651 | INNER VALVE GUIDE                              | 6   |       |
| 46      | 94755000 |  | 3   |       |
| 45      | 36204505 | VALVE CAGE SS (71 SERIES)                      | 6   |       |
| 44      | 90388900 |  | 12  |       |

## Illustration Male shaft (key) - GAS - ATEX

| Pos. | Code     | Description                         | Qty | Notes |
|------|----------|-------------------------------------|-----|-------|
| 43   | 90525000 |                                     | 6   |       |
| 42   | 71223766 |                                     | 6   |       |
| 41   | 71223636 |                                     | 2   |       |
| 40   | 99429500 | SCREW M12X35 UNI5931 12.31<br>DACR. | 14  |       |
| 39   | 99448200 |                                     | 8   |       |
| 38   | 71128636 |                                     | 1   |       |
| 36   | 70222266 |                                     | 3   |       |
| 35   | 90238000 |                                     | 3   |       |
| 34   | 90389100 |                                     | 3   |       |
| 33   | 71227366 |                                     | 3   |       |
| 32   | 90238100 |                                     | 3   |       |
| 31   | 71227266 |                                     | 3   |       |
| 30   | 90079700 |                                     | 3   |       |
| 29   | 71223856 |                                     | 3   |       |
| 28   | 90367100 |                                     | 3   |       |
| 27   | 71040609 |                                     | 3   |       |
| 26   | 96714000 |                                     | 3   |       |
| 25   | 90167800 |                                     | 3   |       |
| 24   | 97743000 |                                     | 3   |       |
| 23   | 71050715 |                                     | 3   |       |
| 22   | 90060600 |                                     | 1   |       |
| 21   | 71606601 |                                     | 3   |       |
| 20   | 90170000 |                                     | 1   |       |
| 19   | 71150022 |                                     | 1   |       |
| 18   | 91500000 |                                     | 1   |       |
| 17   | 71020035 |                                     | 1   |       |
| 16   | 99313800 |                                     | 6   |       |
| 15   | 98206000 |                                     | 4   |       |
| 14   | 90400000 |                                     | 1   |       |
| 13   | 71160022 |                                     | 1   |       |
| 12   | 98212100 |                                     | 1   |       |
| 11   | 98218150 |                                     | 1   |       |
| 11   | 98218100 |                                     | 3   |       |
| 10   | 90384100 | O-RING 17,12X2,62 (3068)            | 6   |       |
| 9    | 99186800 |                                     | 20  |       |
| 8    | 71150522 |                                     | 1   |       |
| 7    | 90387700 | O-RING 39,34X2,62 (3156)            | 1   |       |
| 6    | 70211751 |                                     | 1   |       |
| 5    | 90075500 | STOP RING J45 UNI7437               | 1   |       |
| 4    | 70220381 | SHIM 0.25 MM.                       | 1   |       |

## Illustration Male shaft (key) - GAS - ATEX

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| Pos. | Code     | Description  | Qty | Notes |
|------|----------|--------------|-----|-------|
| 4    | 70220081 | SHIM 0.1 MM. | 1   |       |
| 3    | 90391800 |              | 2   |       |
| 2    | 91859000 |              | 2   |       |
| 1    | 71010022 |              | 1   |       |