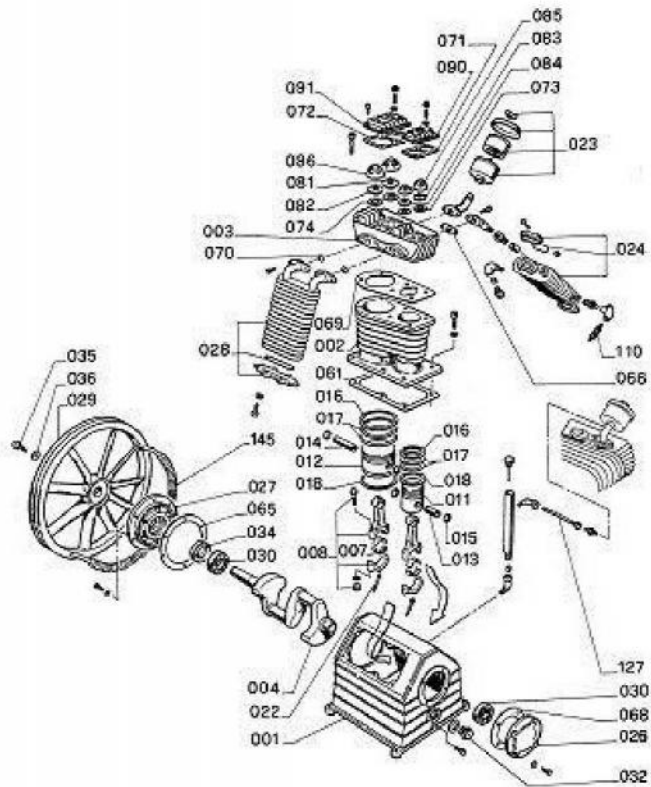


**Code: 1190000**  
**NS 89 - B 8900**



**Technical Data:**

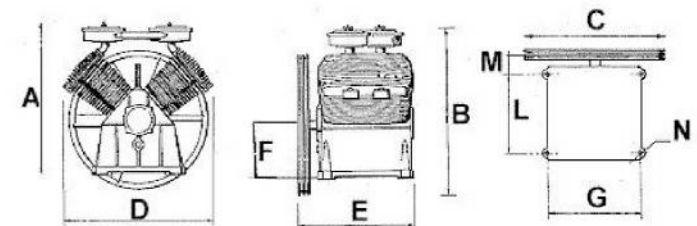
|                      |      |       |          |
|----------------------|------|-------|----------|
| <b>Cylinders:</b>    | 4    |       |          |
| <b>Stages:</b>       | 2    |       |          |
| <b>Air Flow:</b>     | 2770 | L/min | 97,8 cfm |
| <b>Power:</b>        | 18.5 | Kw    | 25 HP    |
| <b>Speed:</b>        | 1100 | rpm   |          |
| <b>Max Pressure:</b> | 12   | Bar   | 174 psi  |

at 20 Hp, 15 Kw, 2400 L/min, 950 rpm

**Tightening Torques:**

|                    |        |    |
|--------------------|--------|----|
| <b>Bolt Size:</b>  | M14    |    |
| <b>Min Torque:</b> | 123    | Nm |
| <b>Max Torque:</b> | 150.37 | Nm |

**Dimensions:**



In mm

|          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b> | <b>G</b> | <b>L</b> | <b>M</b> | <b>N</b> | <b>P</b> |
| 670      | 790      | 620      | 777      | 525      | 190      | 350      | 310      | 105      | 15       | 1" M     |

**Box Weight:** 162 Kg **Box Dimensions:** W x D x L: 771 x 631 x 752

**Codice: 1190000****NS 89 - B 8900**

| <i>Mnt</i>               | <i>Ref</i> | <i>Codice</i> | <i>Descrizione</i>           | <i>Italiano</i>         | <i>Inglese</i>        | <i>Francese</i>         | <i>Tedesco</i>       | <i>Spagnolo</i>        | <i>Qta</i> |
|--------------------------|------------|---------------|------------------------------|-------------------------|-----------------------|-------------------------|----------------------|------------------------|------------|
| <input type="checkbox"/> | 0          | 7P50055       | Kit guarnizioni              | Kit Guarnizioni         | Gasket Kit            | Kit Joint               | Bausatz Dichtungen   | Kit de Juntas          | 1          |
| <input type="checkbox"/> | 1          | 1000037       | BASAMENTO LAVOR.NS89         | Carter Lavorato         | Crankase              | Carter                  | Kurbelgehäuse        | Carter meca            | 1          |
| <input type="checkbox"/> | 1          | 1003037       | BASAMENTO LAVOR.NS89(VER     | Carter Lavorato         | Crankase              | Carter                  | Kurbelgehäuse        | Carter meca            | 1          |
| <input type="checkbox"/> | 2          | 1000968       | CILINDRO LAVORATO NS59-NS8   | Cilindro Lavorato       | Cylinder              | Cylindre                | Zylinder             | Cilindro meca          | 2          |
| <input type="checkbox"/> | 3          | 1000516       | TESTA LAVORATA T40/50/80     | Testa Lav.              | Pump head             | Culasse                 | Zylinderkopf         | Culata meca            | 2          |
| <input type="checkbox"/> | 4          | 1000008       | ALBERO A GOMITO LAV.NS 89    | Albero                  | Crankshaft            | Vilebrequin             | Kurbelwelle          | Cigüeñal               | 1          |
| <input type="checkbox"/> | 7          | 1000300       | GUSCIO T80 (2PZ)             | Semiguscio              | Halfbearing           | Demi coussinets         | Pleuellager          | Semi cojinete          | 4          |
| <input type="checkbox"/> | 8          | 1000044       | BIELLA LAVORATA T80          | Biella                  | Connecting rod        | Bielle                  | Pleuelstange         | Biela                  | 4          |
| <input type="checkbox"/> | 11         | D018001       | PISTONE D. 70 GH NS59/89 AP  | Pistone D. Spinotto D.  | Piston D. Pin D.      | Piston D. axe D.        | Kolben D. bolzen D.  | Piston D. eje D.       | 2          |
| <input type="checkbox"/> | 12         | 1000966       | PISTONE D.130 ALL.NS59/89 BP | Pistone D. Spinotto D.  | Piston D. Pin D.      | Piston D. axe D.        | Kolben D. bolzen D.  | Piston D. eje D.       | 2          |
| <input type="checkbox"/> | 13         | 1000981       | SPINOTTO 25X56 NS59/89 AP    | Spinotto                | Pin                   | Axe                     | Kolbenbolzen         | Bulon piston alta      | 2          |
| <input type="checkbox"/> | 14         | 1000980       | SPINOTTO 25X116 NS59/89 BP   | Spinotto                | Pin                   | Axe                     | Kolbenbolzen         | Bulon piston baja      | 2          |
| <input type="checkbox"/> | 15         | 9140140       | SEEGER 25 UNI 7437           | Seeger                  | Circlip               | Circlips                | Seegerring           | Seguer                 | 8          |
| <input type="checkbox"/> | 16         | 1000973       | SEGMENTO AC D. 70 CONICO     | Segmento AC             | Piston ring AC        | Segment ètannchéité     | Kolbenring AC        | Segmento AC            | 2          |
| <input type="checkbox"/> | 16         | 1000974       | SEGMENTO AC D.130 CONICO     | Segmento AC             | Piston ring AC        | Segment ètannchéité     | Kolbenring AC        | Segmento AC            | 2          |
| <input type="checkbox"/> | 17         | 1000976       | SEGMENTO ROS D.130 CONICO    | Segmento ROS            | Piston ring ROS       | Segment racleur         | Kolbenring ROS       | Segmento ROS           | 4          |
| <input type="checkbox"/> | 17         | 1000975       | SEGMENTO ROS D. 70 CONICO    | Segmento ROS            | Piston ring ROS       | Segment racleur         | Kolbenring ROS       | Segmento ROS           | 4          |
| <input type="checkbox"/> | 18         | 1000978       | SEGMENTO ROF D.130 CONICO    | Segmento ROF            | Piston ring ROF       | Segment refoulement     | Kolbenring ROF       | Segmento ROF           | 2          |
| <input type="checkbox"/> | 18         | 1000977       | SEGMENTO ROF D. 70 CONICO    | Segmento ROF            | Piston ring ROF       | Segment refoulement     | Kolbenring ROF       | Segmento ROF           | 2          |
| <input type="checkbox"/> | 22         | 1000024       | ASTINA SBATTIOLIO T80        | Astina sbattiolio       | Oil dipper            | Tige pour graissage     | Olschleuderstift     | Aguja engrase          | 4          |
| <input type="checkbox"/> | 23         | 1000162       | FILTRO ASP.T 30/40 MA057     | Filtro                  | Filter                | Filtre                  | Luftfilter           | Filtro                 | 2          |
| <input type="checkbox"/> | 24         | 1000093       | COLLETTORE T.80 INTERMEDIO   | Collettore              | Aftercooler           | Refridisiseur entre èta | Nachkuhler           | Colector               | 1          |
| <input type="checkbox"/> | 26         | 1000484       | SUPPORTO LOV GHISA T80       | Coperchio LOV           | Cover N.D.E.          | Flasque arriere         | Deckel LOV           | Tapa carter LOV        | 1          |
| <input type="checkbox"/> | 27         | 1000476       | SUPPORTO LV GHISA T80        | Coperchio LV            | Cover D.E.            | Flasque avant           | Deckel LV            | Tapa carter LV         | 1          |
| <input type="checkbox"/> | 28         | 1000095       | COLLETTORE T.80 SIN.         | Tubo raffreddamento     | Intercooler           | Refridisiseur           | Zwischenkuhler       | Tubo refrigerador etap | 1          |
| <input type="checkbox"/> | 28         | 1000094       | COLLETTORE T.80 DX           | Tubo raffreddamento     | Intercooler           | Refridisiseur           | Zwischenkuhler       | Tubo refrigerador etap | 1          |
| <input type="checkbox"/> | 29         | 1000651       | VOLANO D.620 T.80 GHISA      | Volano                  | Flywheel              | Volant                  | Lufterrad            | Volante                | 1          |
| <input type="checkbox"/> | 30         | 1000130       | CUSCINETTO 6211 T80          | Cuscinetto              | Bearing               | Roulement a billes      | Kugellager           | Rodamiento             | 2          |
| <input type="checkbox"/> | 32         | 9022003       | LIVELLO OLIO 1" GAS          | Livello olio            | Oil sight glass       | Niveau huile            | Ol schauglas         | Nivel Aceite           | 1          |
| <input type="checkbox"/> | 34         | 1000331       | PARAOLIO 80/55/10 T80        | Guarnizione Angus       | Oil seal              | Joint à levres          | Wellendichtring      | Reten aceite           | 1          |
| <input type="checkbox"/> | 35         | 1000612       | VTE M.14X35 FIL.SIN.         | Vite TE                 | Screw                 | Vis                     | Schraube             | Tornillo volante       | 1          |
| <input type="checkbox"/> | 36         | 9004011       | ROND. VOLANO 14,5 X 55 X 7   | Rondella volano         | Fly wheel washer      | Rondelle volant         | Unterlegscheibe      | Arandela volante       | 1          |
| <input type="checkbox"/> | 61         | 1000189       | GUARN.CILINDRO-BASAM.T40/8   | Guarnizione carter/cili | Crankase cylinder ga  | Joint carter/cylindre   | Zylinderfussdichtung | Junta carter cilindro  | 2          |
| <input type="checkbox"/> | 65         | 1000265       | GUARN.SUPPORTO LV T.80       | Guarnizione coperchio   | Cover gasket D.E. - N | Flasque avant           | Deckeldichtung LV-L  | Junta tapa LV - LOV    | 1          |
| <input type="checkbox"/> | 66         | 1000203       | GUARN.COLL.T80 INTERMEDIO    | Guarnizione collettore  | Aftercooler gasket    | Joint collecteur        | Flanschdichtung      | Junta colector         | 2          |
| <input type="checkbox"/> | 68         | 1000266       | GUARN.SUPPORTO LOV T.80      | Guarnizione supporto    | Support gasket        | Joint flasque arriere   | Flanschdichtung      | Junta soporte LOV      | 1          |
| <input type="checkbox"/> | 69         | 9040037       | GUARN.TESTA-CIL.NS59/NS89 N  | Guarnizione testa/cilin | Cylinder head gasket  | Joint de culasse        | Zylinderkopfdichtung | Junta culata cilindro  | 2          |
| <input type="checkbox"/> | 69         | 1000979       | GUARN.TESTA-CILINDRO NS59/   | Guarnizione testa/cilin | Cylinder head gasket  | Joint de culasse        | Zylinderkopfdichtung | Junta culata cilindro  | 2          |

|                          |     |         |                                |                         |                       |                       |                      |                        |   |
|--------------------------|-----|---------|--------------------------------|-------------------------|-----------------------|-----------------------|----------------------|------------------------|---|
| <input type="checkbox"/> | 70  | 1000321 | GUARN.OR 42X35X3,5 SIL.T80     | Guarnizione OR          | Oring gasket          | Joint torique         | Dichtring            | Junta OR               | 4 |
| <input type="checkbox"/> | 71  | 9040038 | GUARN.COP.VALV.A.P.NS59/89     | Guarnizione cop. valv   | H.P. valve cover gask | Joint couvercle HP    | Ventildeckeldichtung | Junta tapa valvula A.P | 2 |
| <input type="checkbox"/> | 71  | 1000219 | GUARN.COP.VALV.A.P.T40         | Guarnizione cop. valv   | H.P. valve cover gask | Joint couvercle HP    | Ventildeckeldichtung | Junta tapa valvula A.P | 2 |
| <input type="checkbox"/> | 72  | 1000220 | GUARN.COP.VALV.B.P. T40        | Guarnizione cop. valv   | L.P. valve cover gask | Joint couvercle BP    | Ventildeckeldichtung | Junta tapa valvula B.P | 2 |
| <input type="checkbox"/> | 72  | 9040039 | GUARN.COP.VALV.B.P.NS59/89     | Guarnizione cop. valv   | L.P. valve cover gask | Joint couvercle BP    | Ventildeckeldichtung | Junta tapa valvula B.P | 2 |
| <input type="checkbox"/> | 73  | 1000798 | GUARN.VALVOLE AP D.47,3X42,    | Guarnizione valvole A   | H.P. valve gasket     | Joint clapet HP       | Ventilunterteil HD   | Junta valvula A.P.     | 4 |
| <input type="checkbox"/> | 74  | 1000799 | GUARN.VALVOLE BP D.64,8X59,    | Guarnizione valvole B   | L.P. valve gasket     | Joint clapet BP       | Ventilunterteil ND   | Junta valvula B.P.     | 4 |
| <input type="checkbox"/> | 81  | 1000933 | VALVOLA PREMENTE BP NS59/      | Valvola premente BP     | L.P. discharge valve  | Clapet aspiration BP  | Saugventilplatte ND  | Valvula compresion B.  | 2 |
| <input type="checkbox"/> | 82  | 1000931 | VALVOLA ASPIRANTE BP NS59/     | Valvola aspirante BP    | L.P. inlet valve      | Clapet refoulement B  | Druckventilplatte ND | Valvula aspiracion B.P | 2 |
| <input type="checkbox"/> | 83  | 1000932 | VALVOLA PREMENTE AP NS59/      | Valvola premente AP     | H.P. discharge valve  | Clapet refoulement H  | Saugventilplatte HD  | Valvula compresion A.  | 2 |
| <input type="checkbox"/> | 84  | 1000930 | VALVOLA ASPIRANTE AP.NS59/     | Valvola aspirante AP    | H.P. inlet valve      | Clapet aspiration HP  | Druckventilplatte HD | Valvula aspiracion A.P | 2 |
| <input type="checkbox"/> | 85  | 1001963 | TRATTEN.VALV.AP NS59/NS89 L    | Trattenitore valvola AP | H.P. valve lantern    | Couvre clapet HP      | Ventiloberteil HD    | Protector valvula A.P. | 4 |
| <input type="checkbox"/> | 86  | 1001962 | TRATTEN.VALV.BP NS59/NS89 L    | Trattenitore valvola BP | L.P. valve lantern    | Couvre clapet BP      | Ventiloberteil ND    | Protector valvula B.P. | 4 |
| <input type="checkbox"/> | 90  | 1000115 | COPERCHIO VALVOLA AP FINIT     | Coperchio valvola AP    | H.P. valve cover      | Couvercle clapet HP   | Ventildeckel HD      | Tapa valvula A.P.      | 2 |
| <input type="checkbox"/> | 91  | 1000116 | COPERCHIO VALVOLA BP FINIT     | Coperchio valvola BP    | L.P. valve cover      | Couvercle clapet BP   | Ventildeckel ND      | Tapa valvula B.P.      | 2 |
| <input type="checkbox"/> | 110 | 9049040 | VALV.SIC.1/2 C12 11,4B OM VIT. | Valvola di sicurezza    | Safety valve          | Soispape de securite  | Sichereitsventil     | Valvula de seguridad   | 1 |
| <input type="checkbox"/> | 110 | 5000450 | VALVOLA SICUREZZA 1/2"         | Valvola di sicurezza    | Safety valve          | Soispape de securite  | Sichereitsventil     | Valvula de seguridad   | 1 |
| <input type="checkbox"/> | 110 | 9049058 | VALV.SIC.1/2" GAS VITON 12BA   | Valvola di sicurezza    | Safety valve          | Soispape de securite  | Sichereitsventil     | Valvula de seguridad   | 1 |
| <input type="checkbox"/> | 127 | 9270005 | TUBETTO RILSAN 6/8 BIANCO      | Tubetto rilsan          | Rilsan tube           | Tube rilsan           | Tecalanleitung       | Tubo rilsan            | 0 |
| <input type="checkbox"/> | 145 | D069001 | TUBO MANDATA T 80 C/RACCO      | Tubo mandata            | Delivery pipe         | Tuyauterie de refarle | Druckrohr            | Tubo colector salida   | 1 |
| <input type="checkbox"/> | 145 | D069002 | TUBO MANDATA NS89 ALETT.T      | Tubo mandata            | Delivery pipe         | Tuyauterie de refarle | Druckrohr            | Tubo colector salida   | 1 |