



Parts list
Stückliste

Designation : **hydraulic cylinder**
Benennung 160/115/150/1100/L/S175/100
Hydraulikzylinder

Drawing-no. : **D001.14.0664**
Zeichnungs-Nr.

Drawn by: LU
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Page 1 of 6

| Pos. Pos. | Qty Menge | Designation Benennung | ID.-no. Identnummer | Standard Norm | Material Werkstoff | weight [kg] Gewicht | Tot. Weight Ges.-Gewicht | Manuf | |
|--------------|--------------|--|------------------------|------------------|-----------------------|------------------------|-----------------------------|-------|-------|
| | | | | | | | | IKN | Local |
| 1 | 1 | cylinder housing ZS-44660-1 Zylinderrohr | HD99.11.0024 | | HYT 60 | 147,000 | 147,000 | | |
| 2 | 1 | piston rod ZS-44660-2 Kolbenstange | HD99.06.0027 | | St 52-3 | 49,000 | 49,000 | | |
| 3 | 1 | cover ZS-44660-3 Zylinderkopf | HD99.12.0017 | | St 52-3 | 15,000 | 15,000 | | |
| 8 | 1 | clevis eye ZS-44660-4 Laterne | HD99.17.0010 | | St 52-3 | 45,000 | 45,000 | | |
| 9 | 4 | cover plate ZS-28460-9 Abdeckscheibe | HD99.18.0003 | | | 0,750 | 3,000 | | |
| 10 | 4 | ring ZS-28460-10 Ring | HD99.19.0003 | | | 0,064 | 0,255 | | |
| 15 | 1 | clevis eye for rod ZS-28460-11 Gelenkkopf | HD99.20.0003 | | | 22,000 | 22,000 | | |
| 16 | 2 | radial swing bearing GE 100 UK-2RS Radialgelenklager | HD99.04.0002 | | | 2,100 | 4,200 | | |
| 17 | 12 | socket head cap screw M16x75 Zylinderschraube | NTSR.01.1602 | DIN 912 | 10.9 | 0,012 | 0,146 | | |

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| 19 | 2 | cheese head screw M4x20 Zylinderschraube | NTSR.17.0402 | DIN 84 | Ms | 0,002 | 0,004 | | |
| 20 | 32 | socket head cap screw M6x20 Zylinderschraube | NTSR.01.0601 | DIN 912 | 8.8 | 0,000 | 0,007 | | |
| 21 | 6 | measuring connector EMA 3/ 1/4 ED Meßanschluß mit Schraubkupplung | HZVB.02.0104 | | St | 0,012 | 0,074 | | |
| 22 | 2 | lifting eye bolt M12 Ringschraube | NTSR.06.1200 | DIN 580 | C15 gal Zn | 0,090 | 0,180 | | |
| 25 | 1 | wiper ring 38/ø115/ø127.2/12 Abstreifring | HDDI.15.0007 | | | 0,030 | 0,030 | | |
| 26 | 1 | rod seal 605/115/130x16 Stangendichtung | HDDI.15.0009 | | Hvthane 181 | 0,070 | 0,070 | | |
| 27 | 1 | rod seal OMS-MR/115/130.1x6.3 Stangendichtung | HDDI.17.0008 | | | 0,055 | 0,055 | | |
| 28 | 1 | piston seal OMK-MR/160/139x8.1 Kolbendichtung | HDDI.17.0010 | | | 0,090 | 0,090 | | |
| 29 | 4 | rod seal C1/ø110/ø125/10 Stangendichtung | HDDI.13.0004 | | | 0,008 | 0,030 | | |

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| 34 | 1 | O-ring ø148,5x5,33 O-Ring | HDDI.09.0041 | | NBR 90 | 0,016 | 0,016 | | |
| 37 | 2 | guide strip 25x2,5x363 Führungsband | HD99.23.0015 | | Hartaew. | 0,025 | 0,050 | | |
| 38 | 2 | guide strip 20x2,5x487 Führungsband | HD99.23.0016 | | Hartaew. | 0,325 | 0,650 | | |
| 40 | 1 | back-up ring ø160/ø151.4/2 Stützring | HD99.10.0006 | | PTFE | 0,010 | 0,010 | | |
| 45 | 5 | screw plug G 1/4 A Verschlußschraube | NTSR.24.1300 | DIN 908 | St | 0,015 | 0,075 | | |
| 46 | 1 | screw plug G 3/4 A Verschlußschraube | NTSR.25.2700 | DIN 910 | St | 0,127 | 0,127 | | |
| 49 | 4 | reducer RI 1/2-EDx1/4 Reduzierstutzen | HZVB.02.0237 | | St | 0,014 | 0,056 | | |
| 50 | 2 | straight male stud coupling GE 38-PS/R1 1/4-ED Gerade Einschraubverschraubung | HZVB.02.0197 | | St | 0,936 | 1,872 | | |
| 51 | 1 | straight male stud coupling GE 42-PL/R1 1/4-ED Gerade Einschraubverschraubung | HZVB.02.0178 | | St | 0,587 | 0,587 | | |

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| 52 | 1 | screw plug VSTI R 3/8-ED Verschlußschraube | HZVB.03.0002 | | St | 0,027 | 0,027 | | |
| 53 | 1 | straight male stud coupling GE 12-PL/R 1/4-ED Gerade Einschraubverschraubung | HZVB.02.0196 | | St | 0,058 | 0,058 | | |
| 54 | 1 | straight male stud coupling GE 18-PLR-ED Gerade Einschraubverschraubung | HZVB.02.0100 | | St | 0,135 | 0,135 | | |
| 57 | 1 | pressure relief valve DBDS 10K 1X/315 Druckbegrenzungsventil | HVDB.11.0002 | | | 0,500 | 0,500 | | |
| 58 | 1 | pressure relief valve DBDS 10K 1X/400 Druckbegrenzungsventil | HVDB.11.0001 | | | 0,500 | 0,500 | | |
| 59 | 1 | check valve G 1/2" A Rückschlagventil | HVRV.09.0000 | | | 0,020 | 0,020 | | |
| 60 | 2 | screw plug VSTI R 1/2-ED Verschlußschraube | HZVB.03.0009 | | St | 0,023 | 0,045 | | |
| 64 | 1 | displacement transducer BTL5-S175-M0175... Wegaufnehmer | MRGT.02.0029 | | | 1,500 | 1,500 | | |
| 65 | 1 | magnet ring BTL-P-1013-4R Positionsgeber | MRGT.02.0023 | | | 0,042 | 0,042 | | |

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| 68 | 1 | terminal box, complete 160x160x90 Klemmkasten kpl. | HD99.21.0006 | | Al | 1,500 | 1,500 | | |
| 71 | 2 | closing plug VKA 38 Verschlußkegel | HZVB.03.0015 | | St | 0,308 | 0,616 | | |
| 72 | 1 | closing plug VKA 42 Verschlußkegel | HZVB.03.0014 | | St | 0,359 | 0,359 | | |
| 74 | 1 | closing plug VKA 12 Verschlußkegel | HZVB.03.0013 | | St | 0,019 | 0,019 | | |
| 75 | 1 | closing plug VKA 18 Verschlußkegel | HZVB.03.0016 | | St | 0,062 | 0,062 | | |
| 76 | 1 | locking wire ø0.5 x 450 Plombendraht | MEMM.16.0000 | | | 0,000 | 0,000 | | |
| 77 | 1 | leaden seal ø8 Bleiplombe | MEMM.16.0001 | | | 0,000 | 0,000 | | |
| 78 | 4 | set screw M8x12 Gewindestift | NTGB.06.0800 | DIN 913 | 45H | 0,003 | 0,012 | | |
| 79 | 1 | cover plate 1.5x124x154 Abdeckplatte | HZ01.08.0003 | | | 0,200 | 0,200 | | |



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| 80 | 1 | sealing paper 120°C/1x124x154 Dichtungspapier | MEDI.13.0001 | | Abil N | 0,010 | 0,010 | | |
| 81 | 4 | socket head cap screw M6x8 Zylinderschraube | NTSR.01.0618 | DIN EN ISO 4762 | A4 | 0,005 | 0,020 | | |
| 1.000 | 0 | wiring cylinder BTL5-S175 Verdrahtung Zylinder | W001.014.9905 | | | 0,000 | 0,000 | | |
| 1.001 | 0 | circuit diagram cylinder DIN 24340-A16/A25 Schaltplan Zylinder | W001.014.9906 | | | 0,000 | 0,000 | | |

Total: 295,209