

Bezeichnung : **HP 370/50/A1 S**
 Seriennummer : 1104
 Prüfnummer : 031104
 Besonderes : future 32.80f



Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
21.9	39.7	16837.0	868.8	718.1	82.65	40.7	25.0
21.8	40.9	16768.0	891.7	740.4	83.04	42.2	25.0
21.8	42.0	16706.0	912.9	761.0	83.36	43.5	25.0
21.7	42.9	16653.0	931.7	779.3	83.64	44.7	25.0
21.7	44.2	16586.0	958.1	805.1	84.03	46.4	25.0
21.6	45.0	16544.0	974.1	820.8	84.26	47.4	25.0
21.6	46.0	16493.0	993.7	839.2	84.45	48.6	25.0
21.6	46.8	16449.0	1010.4	855.1	84.63	49.6	25.0
21.5	47.8	16400.0	1029.6	873.6	84.85	50.9	25.0
21.5	48.8	16353.0	1049.1	892.3	85.05	52.1	25.0
21.5	49.8	16302.0	1069.4	910.8	85.17	53.4	25.0
21.5	50.7	16257.0	1087.8	928.1	85.32	54.5	25.0
21.4	51.5	16216.0	1104.1	943.5	85.45	55.6	25.0
21.4	53.0	16146.0	1133.7	970.3	85.58	57.4	25.0
21.4	53.7	16111.0	1146.7	981.9	85.63	58.2	25.0
21.3	55.1	16045.0	1174.5	1007.7	85.80	60.0	25.0
21.3	55.6	16021.0	1183.0	1015.9	85.88	60.6	25.0
21.3	56.5	15977.0	1200.5	1032.2	85.98	61.7	25.0
21.2	57.6	15923.0	1223.2	1052.5	86.04	63.1	25.0
21.2	58.7	15874.0	1243.8	1070.2	86.04	64.4	25.0
21.2	59.6	15828.0	1261.9	1087.8	86.20	65.6	25.0
21.1	60.6	15777.0	1281.8	1105.7	86.26	66.9	25.0
21.1	61.6	15731.0	1300.2	1121.8	86.29	68.1	25.0
21.1	62.5	15688.0	1317.4	1137.3	86.33	69.2	25.0
21.0	63.5	15641.0	1335.7	1153.6	86.37	70.4	25.0
21.0	64.4	15597.0	1353.4	1168.7	86.36	71.6	25.0
21.0	66.0	15524.0	1383.7	1195.1	86.36	73.5	25.0
20.9	66.7	15489.0	1396.8	1206.4	86.37	74.4	25.0
20.9	67.5	15451.0	1411.2	1219.0	86.38	75.3	25.0
20.9	68.5	15401.0	1431.1	1235.9	86.36	76.6	25.0
20.8	70.2	15325.0	1462.8	1263.5	86.38	78.7	25.0
20.8	70.7	15298.0	1472.0	1271.3	86.37	79.4	25.0
20.8	71.5	15261.0	1485.9	1282.8	86.33	80.3	25.0
20.8	73.0	15191.0	1514.6	1307.8	86.35	82.2	25.0
20.7	73.7	15158.0	1526.5	1318.1	86.35	83.0	25.0
20.7	74.4	15118.0	1540.9	1330.4	86.34	84.0	25.0
20.7	75.4	15074.0	1558.3	1344.9	86.31	85.2	25.0
20.6	76.2	15031.0	1574.0	1358.1	86.28	86.3	25.0
20.6	77.2	14983.0	1592.1	1373.1	86.24	87.5	25.0
20.6	78.3	14935.0	1610.7	1388.3	86.19	88.8	25.0
20.5	80.0	14857.0	1641.7	1414.6	86.17	90.9	25.0
20.5	80.3	14832.0	1648.6	1419.7	86.11	91.4	25.0
20.5	81.5	14779.0	1669.8	1436.5	86.03	92.8	25.0
20.5	82.2	14743.0	1682.3	1446.7	86.00	93.7	25.0
20.4	84.2	14653.0	1718.5	1475.8	85.88	96.2	25.0
20.4	84.7	14628.0	1726.3	1481.8	85.84	96.7	25.0
20.4	85.3	14595.0	1736.8	1490.2	85.80	97.5	25.0
20.3	86.2	14547.0	1753.0	1502.5	85.71	98.6	25.0
20.3	88.1	14462.0	1787.4	1529.5	85.57	101.0	25.0
20.3	88.5	14438.0	1794.0	1534.4	85.53	101.5	25.0

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Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
24.2	41.2	18579.0	997.8	829.1	83.09	42.6	25.0
24.2	41.1	18562.0	993.5	826.2	83.16	42.5	25.0
24.1	41.9	18510.0	1010.0	843.0	83.46	43.5	25.0
24.1	42.8	18456.0	1029.5	861.4	83.67	44.6	25.0
24.0	44.2	18380.0	1061.3	892.2	84.07	46.4	25.0
24.0	45.0	18333.0	1078.9	909.5	84.30	47.4	25.0
23.9	46.2	18270.0	1105.2	934.7	84.57	48.9	25.0
23.9	47.4	18207.0	1132.3	960.7	84.84	50.4	25.0
23.9	47.5	18195.0	1134.3	962.6	84.87	50.5	25.0
23.8	48.5	18143.0	1156.4	984.0	85.09	51.8	25.0
23.8	49.6	18086.0	1181.5	1007.7	85.30	53.2	25.0
23.8	50.7	18032.0	1204.6	1029.4	85.46	54.5	25.0
23.7	51.7	17979.0	1227.2	1050.6	85.61	55.8	25.0
23.7	52.9	17921.0	1253.1	1075.1	85.80	57.3	25.0
23.7	53.8	17872.0	1273.8	1094.2	85.90	58.5	25.0
23.6	54.7	17826.0	1293.1	1112.2	86.01	59.6	25.0
23.6	55.7	17781.0	1313.7	1131.1	86.10	60.7	25.0
23.6	56.7	17726.0	1336.7	1152.1	86.19	62.1	25.0
23.5	57.7	17676.0	1357.8	1171.9	86.31	63.3	25.0
23.5	58.8	17622.0	1381.7	1193.6	86.38	64.7	25.0
23.5	59.9	17570.0	1404.5	1214.4	86.46	66.0	25.0
23.4	60.7	17527.0	1421.6	1229.9	86.52	67.0	25.0
23.4	61.7	17478.0	1442.9	1249.1	86.57	68.2	25.0
23.4	62.6	17432.0	1463.5	1268.1	86.65	69.5	25.0
23.3	63.6	17382.0	1483.1	1285.2	86.66	70.6	25.0
23.3	64.7	17327.0	1506.7	1306.4	86.71	72.0	25.0
23.3	65.7	17277.0	1528.1	1325.2	86.73	73.2	25.0
23.2	66.5	17235.0	1545.2	1340.6	86.76	74.3	25.0
23.2	67.5	17186.0	1566.2	1359.5	86.80	75.5	25.0
23.2	68.4	17141.0	1585.1	1376.2	86.82	76.7	25.0
23.1	69.2	17101.0	1601.5	1390.4	86.82	77.6	25.0
23.1	70.5	17039.0	1628.4	1414.3	86.85	79.3	25.0
23.1	71.3	16999.0	1644.3	1427.8	86.83	80.2	25.0
23.0	72.3	16949.0	1666.0	1446.8	86.85	81.5	25.0
23.0	74.0	16868.0	1700.4	1476.4	86.83	83.6	25.0
23.0	74.6	16836.0	1712.3	1486.9	86.84	84.3	25.0
22.9	75.4	16793.0	1729.5	1501.7	86.83	85.4	25.0
22.9	76.5	16741.0	1750.6	1519.5	86.80	86.7	25.0
22.9	77.6	16685.0	1773.5	1539.2	86.79	88.1	25.0
22.8	78.4	16645.0	1789.0	1552.6	86.79	89.1	25.0
22.8	79.3	16597.0	1808.6	1569.4	86.77	90.3	25.0
22.8	80.2	16551.0	1825.9	1583.6	86.73	91.4	25.0
22.7	81.2	16501.0	1846.8	1601.2	86.70	92.7	25.0
22.7	82.2	16452.0	1865.7	1616.5	86.64	93.8	25.0
22.7	83.3	16398.0	1887.6	1633.9	86.56	95.1	25.0
22.6	84.3	16344.0	1908.7	1652.5	86.58	96.6	25.0
22.6	85.2	16302.0	1924.8	1665.7	86.54	97.6	25.0
22.6	86.3	16246.0	1947.5	1683.4	86.44	99.0	25.0
22.5	87.3	16193.0	1968.1	1700.1	86.39	100.3	25.0
22.5	88.4	16141.0	1988.4	1716.4	86.32	101.5	25.0
22.5	89.2	16096.0	2005.6	1729.4	86.23	102.6	25.0

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Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
25.6	40.6	19431.0	1039.5	848.5	81.63	41.7	23.0
25.5	41.0	19384.0	1046.5	863.0	82.47	42.5	23.0
25.5	42.1	19315.0	1071.4	889.3	83.00	44.0	23.0
25.4	42.9	19261.0	1091.6	910.6	83.42	45.1	23.0
25.4	43.9	19203.0	1115.0	933.6	83.74	46.4	23.0
25.3	45.0	19146.0	1139.9	957.8	84.03	47.8	23.0
25.3	45.9	19094.0	1161.6	978.7	84.25	48.9	23.0
25.3	46.9	19043.0	1184.6	1000.5	84.46	50.2	23.0
25.2	47.7	19001.0	1202.4	1018.4	84.69	51.2	23.0
25.2	48.8	18943.0	1229.3	1044.1	84.93	52.6	23.0
25.1	50.1	18878.0	1258.5	1072.5	85.22	54.3	23.0
25.1	51.5	18829.0	1292.8	1105.0	85.47	56.0	23.0
25.1	52.0	18782.0	1303.2	1115.0	85.56	56.7	23.0
25.0	53.0	18732.0	1326.2	1137.7	85.78	58.0	23.0
25.0	53.7	18697.0	1341.7	1153.2	85.95	58.9	23.0
24.9	54.9	18640.0	1368.9	1180.8	86.26	60.5	23.0
24.9	55.8	18592.0	1390.8	1200.9	86.34	61.7	23.0
24.9	56.7	18548.0	1411.3	1221.6	86.56	62.9	23.0
24.8	57.8	18495.0	1436.4	1246.9	86.81	64.4	23.0
24.8	59.1	18433.0	1466.1	1275.4	86.99	66.1	23.0
24.8	59.9	18394.0	1483.1	1292.3	87.14	67.1	23.0
24.7	61.4	18323.0	1517.3	1325.8	87.38	69.1	23.0
24.7	62.1	18289.0	1532.8	1341.0	87.49	70.0	23.0
24.7	62.8	18250.0	1549.4	1359.0	87.72	71.1	23.0
24.6	63.8	18205.0	1570.1	1379.0	87.83	72.3	23.0
24.6	64.7	18158.0	1591.5	1399.7	87.94	73.6	23.0
24.6	65.8	18107.0	1614.9	1421.9	88.05	75.0	23.0
24.5	66.8	18059.0	1636.7	1442.0	88.10	76.2	23.0
24.5	67.7	18013.0	1657.7	1461.1	88.14	77.5	23.0
24.4	69.4	17933.0	1695.8	1495.4	88.19	79.6	23.0
24.4	70.4	17888.0	1716.6	1514.4	88.22	80.8	23.0
24.4	71.0	17856.0	1730.1	1526.7	88.25	81.6	23.0
24.3	71.8	17818.0	1747.2	1541.2	88.21	82.6	23.0
24.3	72.7	17773.0	1767.5	1559.6	88.24	83.8	23.0
24.3	73.6	17729.0	1786.3	1576.2	88.24	84.9	23.0
24.2	74.7	17679.0	1808.9	1597.1	88.29	86.3	23.0
24.2	76.2	17606.0	1842.7	1626.4	88.26	88.2	23.0
24.1	77.0	17568.0	1859.2	1638.7	88.14	89.1	23.0
24.1	77.4	17544.0	1867.9	1649.1	88.28	89.8	23.0
24.1	78.6	17491.0	1892.6	1670.0	88.24	91.2	23.0
24.1	79.4	17451.0	1909.2	1684.2	88.22	92.2	23.0
24.0	80.4	17401.0	1930.8	1703.0	88.20	93.5	23.0
24.0	81.3	17356.0	1950.8	1720.4	88.19	94.7	23.0
23.9	82.4	17304.0	1973.3	1739.8	88.17	96.0	23.0
23.9	83.2	17264.0	1990.5	1755.1	88.18	97.1	23.0
23.9	84.2	17217.0	2010.6	1773.7	88.22	98.4	23.0
23.8	85.2	17166.0	2032.4	1792.6	88.20	99.7	23.0
23.8	86.2	17119.0	2051.6	1808.3	88.14	100.9	23.0
23.8	87.4	17064.0	2076.6	1829.8	88.11	102.4	23.0
23.7	88.2	17024.0	2093.4	1843.9	88.08	103.4	23.0
23.7	89.2	16974.0	2113.1	1861.7	88.10	104.7	23.0

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Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
27.9	37.7	21411.0	1052.9	844.3	80.19	37.7	25.0
27.8	41.0	21233.0	1137.8	925.9	81.37	41.6	25.0
27.7	41.9	21173.0	1163.0	950.4	81.72	42.9	25.0
27.7	43.0	21114.0	1189.0	977.7	82.23	44.2	25.0
27.6	43.9	21061.0	1212.9	1001.5	82.57	45.4	25.0
27.6	44.9	21007.0	1238.5	1027.4	82.96	46.7	25.0
27.6	45.8	20958.0	1261.2	1048.7	83.15	47.8	25.0
27.5	46.9	20899.0	1290.0	1077.3	83.51	49.2	25.0
27.5	47.9	20844.0	1316.7	1102.2	83.71	50.5	25.0
27.4	49.0	20789.0	1343.0	1128.3	84.01	51.8	25.0
27.4	50.0	20737.0	1368.8	1152.8	84.22	53.1	25.0
27.4	50.9	20686.0	1393.2	1177.3	84.51	54.3	25.0
27.3	51.8	20640.0	1415.2	1198.8	84.71	55.5	25.0
27.3	52.8	20586.0	1441.8	1224.1	84.90	56.8	25.0
27.3	53.8	20538.0	1464.7	1246.0	85.07	57.9	25.0
27.2	54.8	20482.0	1491.9	1272.3	85.28	59.3	25.0
27.2	55.9	20429.0	1518.1	1296.9	85.43	60.6	25.0
27.1	56.8	20381.0	1541.3	1318.5	85.55	61.8	25.0
27.1	57.7	20334.0	1564.0	1340.2	85.69	62.9	25.0
27.1	58.8	20280.0	1590.4	1364.2	85.78	64.2	25.0
27.0	59.8	20226.0	1616.5	1389.0	85.93	65.6	25.0
27.0	60.8	20177.0	1640.6	1406.2	85.71	66.6	25.0
26.9	61.8	20126.0	1665.1	1433.8	86.11	68.0	25.0
26.9	62.8	20075.0	1689.7	1455.8	86.16	69.3	25.0
26.9	63.8	20026.0	1713.7	1478.2	86.26	70.5	25.0
26.8	64.7	19978.0	1736.2	1499.3	86.36	71.7	25.0
26.8	65.6	19931.0	1759.2	1520.0	86.41	72.8	25.0
26.8	66.7	19876.0	1786.0	1544.1	86.45	74.2	25.0
26.7	67.6	19832.0	1806.5	1563.6	86.55	75.3	25.0
26.7	68.5	19783.0	1829.7	1583.6	86.55	76.4	25.0
26.6	69.7	19726.0	1856.2	1611.5	86.82	78.0	25.0
26.6	70.6	19680.0	1879.1	1630.2	86.76	79.1	25.0
26.6	71.7	19624.0	1906.2	1657.2	86.93	80.6	25.0
26.5	72.9	19563.0	1935.0	1691.4	87.41	82.6	25.0
26.5	73.8	19520.0	1955.4	1701.9	87.04	83.3	25.0
26.5	74.8	19468.0	1979.5	1725.0	87.14	84.6	25.0
26.4	75.7	19424.0	2000.3	1735.5	86.76	85.3	25.0
26.4	76.8	19369.0	2025.5	1762.2	87.00	86.9	25.0
26.4	77.7	19321.0	2047.6	1781.4	87.00	88.0	25.0
26.3	78.5	19278.0	2067.1	1799.2	87.04	89.1	25.0
26.3	79.5	19231.0	2089.0	1819.2	87.09	90.3	25.0
26.2	80.6	19175.0	2114.6	1840.7	87.05	91.7	25.0
26.2	81.3	19137.0	2131.4	1855.6	87.06	92.6	25.0
26.2	82.6	19072.0	2162.0	1881.4	87.02	94.2	25.0
26.1	83.5	19028.0	2181.2	1897.6	87.00	95.2	25.0
26.1	84.4	18980.0	2203.1	1916.7	87.00	96.4	25.0
26.0	86.3	18881.0	2248.0	1955.3	86.98	98.9	25.0
26.0	87.7	18827.0	2278.4	1980.2	86.91	100.4	25.0
26.0	87.9	18832.0	2284.1	1982.7	86.80	100.5	25.0
25.9	88.8	18762.0	2303.9	2001.2	86.86	101.9	25.0
25.9	89.8	18712.0	2325.3	2021.0	86.91	103.1	25.0

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27.9	37.7	21411.0	1052.9	844.3	80.19	37.7	25.0
27.8	41.0	21233.0	1137.8	925.9	81.37	41.6	25.0
27.7	41.9	21173.0	1163.0	950.4	81.72	42.9	25.0
27.7	43.0	21114.0	1189.0	977.7	82.23	44.2	25.0
27.6	43.9	21061.0	1212.9	1001.5	82.57	45.4	25.0
27.6	44.9	21007.0	1238.5	1027.4	82.96	46.7	25.0
27.6	45.8	20958.0	1261.2	1048.7	83.15	47.8	25.0
27.5	46.9	20899.0	1290.0	1077.3	83.51	49.2	25.0
27.5	47.9	20844.0	1316.7	1102.2	83.71	50.5	25.0
27.4	49.0	20789.0	1343.0	1128.3	84.01	51.8	25.0
27.4	50.0	20737.0	1368.8	1152.8	84.22	53.1	25.0
27.4	50.9	20686.0	1393.2	1177.3	84.51	54.3	25.0
27.3	51.8	20640.0	1415.2	1198.8	84.71	55.5	25.0
27.3	52.8	20586.0	1441.8	1224.1	84.90	56.8	25.0
27.3	53.8	20538.0	1464.7	1246.0	85.07	57.9	25.0
27.2	54.8	20482.0	1491.9	1272.3	85.28	59.3	25.0
27.2	55.9	20429.0	1518.1	1296.9	85.43	60.6	25.0
27.1	56.8	20381.0	1541.3	1318.5	85.55	61.8	25.0
27.1	57.7	20334.0	1564.0	1340.2	85.69	62.9	25.0
27.1	58.8	20280.0	1590.4	1364.2	85.78	64.2	25.0
27.0	59.8	20226.0	1616.5	1389.0	85.93	65.6	25.0
27.0	60.8	20177.0	1640.6	1406.2	85.71	66.6	25.0
26.9	61.8	20126.0	1665.1	1433.8	86.11	68.0	25.0
26.9	62.8	20075.0	1689.7	1455.8	86.16	69.3	25.0
26.9	63.8	20026.0	1713.7	1478.2	86.26	70.5	25.0
26.8	64.7	19978.0	1736.2	1499.3	86.36	71.7	25.0
26.8	65.6	19931.0	1759.2	1520.0	86.41	72.8	25.0
26.8	66.7	19876.0	1786.0	1544.1	86.45	74.2	25.0
26.7	67.6	19832.0	1806.5	1563.6	86.55	75.3	25.0
26.7	68.5	19783.0	1829.7	1583.6	86.55	76.4	25.0
26.6	69.7	19726.0	1856.2	1611.5	86.82	78.0	25.0
26.6	70.6	19680.0	1879.1	1630.2	86.76	79.1	25.0
26.6	71.7	19624.0	1906.2	1657.2	86.93	80.6	25.0
26.5	72.9	19563.0	1935.0	1691.4	87.41	82.6	25.0
26.5	73.8	19520.0	1955.4	1701.9	87.04	83.3	25.0
26.5	74.8	19468.0	1979.5	1725.0	87.14	84.6	25.0
26.4	75.7	19424.0	2000.3	1735.5	86.76	85.3	25.0
26.4	76.8	19369.0	2025.5	1762.2	87.00	86.9	25.0
26.4	77.7	19321.0	2047.6	1781.4	87.00	88.0	25.0
26.3	78.5	19278.0	2067.1	1799.2	87.04	89.1	25.0
26.3	79.5	19231.0	2089.0	1819.2	87.09	90.3	25.0
26.2	80.6	19175.0	2114.6	1840.7	87.05	91.7	25.0
26.2	81.3	19137.0	2131.4	1855.6	87.06	92.6	25.0
26.2	82.6	19072.0	2162.0	1881.4	87.02	94.2	25.0
26.1	83.5	19028.0	2181.2	1897.6	87.00	95.2	25.0
26.1	84.4	18980.0	2203.1	1916.7	87.00	96.4	25.0
26.0	86.3	18881.0	2248.0	1955.3	86.98	98.9	25.0
26.0	87.7	18827.0	2278.4	1980.2	86.91	100.4	25.0
26.0	87.9	18832.0	2284.1	1982.7	86.80	100.5	25.0
25.9	88.8	18762.0	2303.9	2001.2	86.86	101.9	25.0
25.9	89.8	18712.0	2325.3	2021.0	86.91	103.1	25.0

Bezeichnung : **HP 370/50/A1 S**
 Seriennummer : 1104
 Prüfnummer : 031104
 Besonderes : future 32.80f



Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
30.2	40.6	22974.0	1225.7	986.5	80.48	41.0	25.0
30.1	41.1	22923.0	1237.0	999.3	80.78	41.6	25.0
30.0	42.0	22857.0	1263.1	1027.7	81.36	42.9	25.0
30.0	43.0	22795.0	1290.3	1055.9	81.83	44.2	25.0
29.9	44.0	22733.0	1318.4	1084.7	82.27	45.6	25.0
29.9	45.1	22671.0	1347.9	1114.8	82.70	47.0	25.0
29.8	46.0	22615.0	1374.0	1141.3	83.07	48.2	25.0
29.8	47.0	22558.0	1401.9	1169.3	83.41	49.5	25.0
29.8	48.0	22503.0	1428.7	1196.2	83.72	50.8	25.0
29.7	49.0	22449.0	1455.2	1222.4	84.00	52.0	25.0
29.7	49.9	22399.0	1479.4	1246.6	84.27	53.1	25.0
29.6	50.9	22343.0	1507.2	1274.1	84.54	54.5	25.0
29.6	51.9	22287.0	1534.9	1303.7	84.94	55.9	25.0
29.5	52.9	22233.0	1562.2	1331.0	85.20	57.2	25.0
29.5	54.0	22175.0	1591.5	1358.5	85.36	58.5	25.0
29.5	54.9	22126.0	1616.2	1382.7	85.55	59.7	25.0
29.4	55.8	22073.0	1642.5	1407.4	85.69	60.9	25.0
29.4	56.9	22018.0	1670.4	1432.7	85.77	62.1	25.0
29.3	57.9	21961.0	1699.4	1459.9	85.91	63.5	25.0
29.3	58.8	21915.0	1722.2	1480.5	85.97	64.5	25.0
29.3	59.9	21854.0	1752.9	1508.8	86.07	65.9	25.0
29.2	60.9	21802.0	1778.9	1533.4	86.20	67.2	25.0
29.2	61.9	21750.0	1805.5	1557.6	86.27	68.4	25.0
29.1	62.8	21703.0	1828.6	1579.9	86.40	69.5	25.0
29.1	63.8	21648.0	1856.3	1606.4	86.54	70.9	25.0
29.1	64.8	21594.0	1884.1	1631.9	86.62	72.2	25.0
29.0	65.7	21550.0	1905.9	1651.9	86.67	73.2	24.0
29.0	66.7	21495.0	1933.6	1678.2	86.79	74.6	24.0
28.9	67.7	21444.0	1958.4	1700.6	86.84	75.7	24.0
28.9	68.8	21389.0	1987.1	1726.4	86.88	77.1	24.0
28.9	69.7	21340.0	2011.3	1748.2	86.92	78.2	24.0
28.8	70.7	21287.0	2037.8	1772.5	86.98	79.5	24.0
28.8	71.7	21234.0	2063.5	1795.3	87.00	80.7	24.0
28.7	72.7	21184.0	2088.5	1818.2	87.06	82.0	24.0
28.7	73.7	21132.0	2114.0	1841.9	87.13	83.2	24.0
28.7	74.6	21084.0	2137.7	1862.6	87.13	84.4	24.0
28.6	75.5	21035.0	2162.2	1885.0	87.18	85.6	24.0
28.6	76.7	20978.0	2190.5	1909.6	87.18	86.9	24.0
28.5	77.6	20924.0	2215.7	1931.0	87.15	88.1	24.0
28.5	78.6	20877.0	2240.1	1953.4	87.20	89.4	24.0
28.5	79.7	20821.0	2267.2	1978.0	87.24	90.7	24.0
28.4	80.7	20769.0	2292.5	1999.7	87.23	91.9	24.0
28.4	81.6	20722.0	2315.1	2020.2	87.26	93.1	24.0
28.3	82.6	20669.0	2341.3	2042.6	87.24	94.4	24.0
28.3	83.6	20616.0	2366.8	2064.8	87.24	95.6	24.0
28.3	84.5	20572.0	2387.6	2083.9	87.28	96.7	24.0
28.2	85.5	20518.0	2414.5	2106.5	87.25	98.0	24.0
28.2	86.4	20472.0	2436.2	2125.5	87.25	99.1	24.0
28.1	87.7	20409.0	2466.9	2152.3	87.25	100.7	24.0
28.1	88.5	20364.0	2488.5	2170.8	87.23	101.8	24.0
28.1	89.6	20308.0	2515.2	2193.7	87.22	103.2	24.0