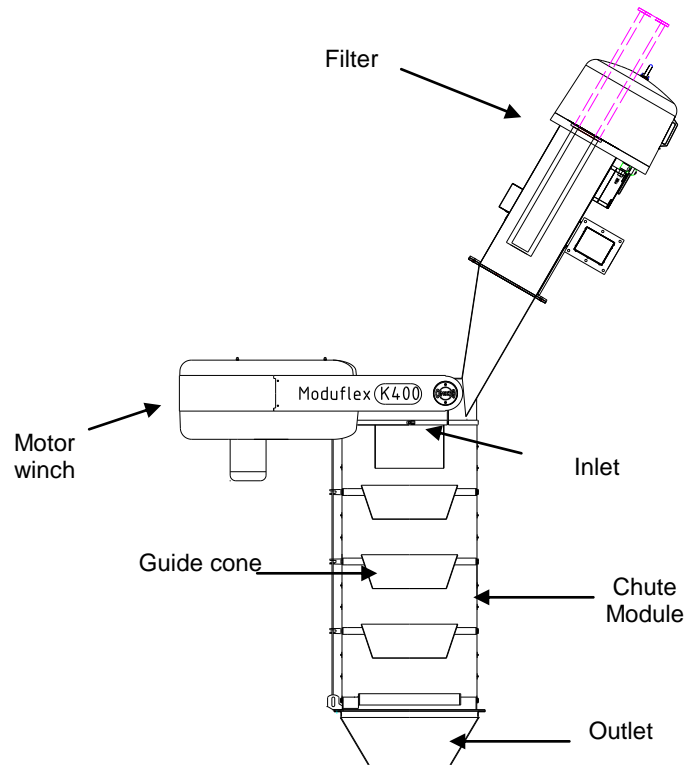


Data Sheet 300.12-1

Loading Chute K400



| Technical Information – K400 | |
|------------------------------|--|
| Inlet | Cylindrical Inlet tube in 2 mm steel. Fitting Ø400 PN10 flange (DIN 2576B). Mounted with 16 off M24 bolts Sidemounted filter module with built-in cartridge filter, pressure tank, magnetic valves etc. 9 off filter cartridges, totals 9 m2, alternatively 14m2 or 18m2. Fan with 0,75kW motor. |
| Chute Modules | Type Y - Standard: Yellow. PVC/Polyamide. Ø700mm/H300mm. Temperature -35°C - +70°C Type M - Food Grade: Light Grey. PVC/Polyester. Ø700mm/H300mm. Temperature -30°C - +70°C Type W - Special: Misc. PVC/Polyamide. Ø700mm/H300mm. Temperature -35°C - +70°C Type B - Heavy Duty: Black. Synthetic rubber. Ø700mm/H300mm. Temperature -40°C - +130°C Type G - Extreme Temperature: Grey. Teflon/Fiber glass. Ø700mm/H300mm. Temperature -35°C - +260°C Type R - High Temperature: Red. Polyester and fiber/silicone rubber. Ø700/H300. Temp. -40°C - +150°C (peak +220°C) Type Z - Low temperature: Green. PVC/PU. Ø700mm/H=300mm. Temperature -60° C - +70° C. Connection ring in stainless steel Aisi 304, c/w 3 off wire guides in nylon. |
| Guide Cones | Type O - Support ring. Steel, H30mm Type J - Steel Standard. Steel, H150mm, pt2mm. |
| Outlet | Type T – Tank Outlet with steel cone for loading in tanker truck. Type F – Flat Outlet with dust skirt for loading in open truck. Type M – Multi Outlet with steel cone and dust skirt for loading in tanker truck and open truck. |
| Motor Winch | Motor 0.55-1.50 kW, 1400 rpm. Gear box ratio 100:1. Tight and slack wire indication External 3-point wire hoist system with high precision ball bearings and 3 off winch discs vertically fitted. Hoist wires Ø5mm available in steel, stainless steel Aisi316 or Long Life steel quality. Self-lubricating wire rollers in Ertalite TX, alternatively steel/stainless steel with bronze bearing |
| General info | Max. loading capacity approx. 440 m3/hour. Compressed air supply, clean and dry for filter: Connection 5-6 bar. Filter cleaning air consumption 100-150 NL/min. Pressure air connection ½". Metal parts available in painted steel st. 37 or stainless steel Aisi 304. Other steel qualities on demand. Surface treatment St. 37: Iron phosphating, 80 micron two-component coating RAL 9010 pure white. Surface treatment Aisi 304: Acid-washed without any further treatment Motor winch covers in ABS - RAL 6005 dark green. Cover on filter RAL 6005 Available with full approval and certificates for location in ATEX zone 21 and 22 (zone 20 inside the chute) |

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Accessories for loading chute K400 please see separate Data Sheets.



Data Sheet 300.12-2

Loading Chute K400 – Dimension Sheet



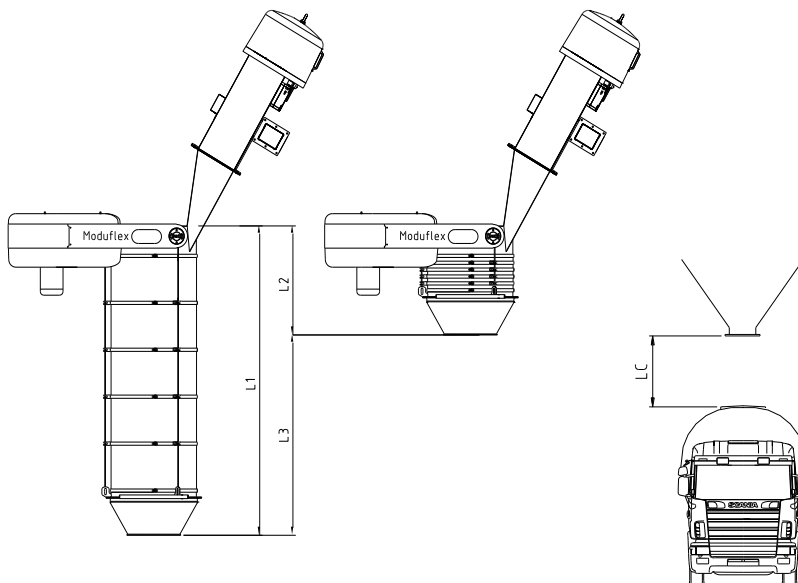
K400

| Cone | Outlet type TS | | | Outlet type FS | | | Outlet type MS | | |
|------|----------------|-------|-------|----------------|-------|-------|----------------|-------|-------|
| | Steel | Steel | Steel | Steel | Steel | Steel | Steel | Steel | Steel |
| M | L1 | L2 | L3 | L1 | L2 | L3 | L1 | L2 | L3 |
| 1 | 796 | 534 | 262 | 810 | 548 | 262 | | | |
| 2 | 1103 | 579 | 524 | 1117 | 593 | 524 | | | |
| 3 | 1410 | 624 | 786 | 1424 | 638 | 786 | | | |
| 4 | 1717 | 669 | 1048 | 1731 | 683 | 1048 | | | |
| 5 | 2024 | 714 | 1310 | 2038 | 728 | 1310 | | | |
| 6 | 2331 | 759 | 1572 | 2345 | 773 | 1572 | 2630 | 1058 | 1572 |
| 7 | 2638 | 804 | 1834 | 2652 | 818 | 1834 | 2937 | 1103 | 1834 |
| 8 | 2945 | 849 | 2096 | 2959 | 863 | 2096 | 3244 | 1148 | 2096 |
| 9 | 3252 | 894 | 2358 | 3266 | 908 | 2358 | 3551 | 1193 | 2358 |
| 10 | 3559 | 939 | 2620 | 3573 | 953 | 2620 | 3858 | 1238 | 2620 |
| 11 | 3866 | 984 | 2882 | 3880 | 998 | 2882 | 4165 | 1283 | 2882 |
| 12 | 4173 | 1029 | 3144 | 4187 | 1043 | 3144 | 4472 | 1328 | 3144 |
| 13 | 4480 | 1074 | 3406 | 4494 | 1088 | 3406 | 4779 | 1373 | 3406 |
| 14 | 4787 | 1119 | 3668 | 4801 | 1133 | 3668 | 5086 | 1418 | 3668 |
| 15 | 5094 | 1164 | 3930 | 5108 | 1178 | 3930 | 5393 | 1463 | 3930 |
| 16 | 5401 | 1209 | 4192 | 5415 | 1223 | 4192 | 5700 | 1508 | 4192 |
| 17 | 5708 | 1254 | 4454 | 5722 | 1268 | 4454 | 6007 | 1553 | 4454 |
| 18 | 6015 | 1299 | 4716 | 6029 | 1313 | 4716 | 6314 | 1598 | 4716 |
| 19 | 6322 | 1344 | 4978 | 6336 | 1358 | 4978 | 6621 | 1643 | 4978 |
| 20 | 6629 | 1389 | 5240 | 6643 | 1403 | 5240 | 6928 | 1688 | 5240 |
| 21 | 6936 | 1434 | 5502 | 6950 | 1448 | 5502 | 7235 | 1733 | 5502 |
| 22 | 7243 | 1479 | 5764 | 7257 | 1493 | 5764 | 7542 | 1778 | 5764 |
| 23 | 7550 | 1524 | 6026 | 7564 | 1538 | 6026 | 7849 | 1823 | 6026 |
| 24 | 7857 | 1569 | 6288 | 7871 | 1583 | 6288 | 8156 | 1868 | 6288 |
| 25 | 8164 | 1614 | 6550 | 8178 | 1628 | 6550 | 8463 | 1913 | 6550 |

| K400 + FlexClose + indicator | | | | | | | |
|--------------------------------|------|------|------|------|--------------|------|------|
| Rotating+ capacitive indicator | | | | | Vibrationrod | | |
| M | LC | L1 | L2 | L3 | L1 | L2 | L3 |
| 2 | 1197 | 1667 | 1148 | 519 | 1737 | 1218 | 519 |
| 3 | 1504 | 1974 | 1193 | 781 | 2044 | 1263 | 781 |
| 4 | 1811 | 2281 | 1238 | 1043 | 2351 | 1308 | 1043 |
| 5 | 2118 | 2588 | 1283 | 1305 | 2658 | 1353 | 1305 |
| 6 | 2425 | 2895 | 1328 | 1567 | 2965 | 1398 | 1567 |
| 7 | 2732 | 3202 | 1373 | 1829 | 3272 | 1443 | 1829 |
| 8 | 3039 | 3509 | 1418 | 2091 | 3579 | 1488 | 2091 |
| 9 | 3346 | 3816 | 1463 | 2353 | 3886 | 1533 | 2353 |
| 10 | 3653 | 4123 | 1508 | 2615 | 4193 | 1578 | 2615 |

| K400 with FlexClose no indicator | | | | |
|----------------------------------|------|------|------|------|
| M | LC | L1 | L2 | L3 |
| 2 | 1197 | 1507 | 988 | 519 |
| 3 | 1504 | 1814 | 1033 | 781 |
| 4 | 1811 | 2121 | 1078 | 1043 |
| 5 | 2118 | 2428 | 1123 | 1305 |
| 6 | 2425 | 2735 | 1168 | 1567 |
| 7 | 2732 | 3042 | 1213 | 1829 |
| 8 | 3039 | 3349 | 1258 | 2091 |
| 9 | 3346 | 3656 | 1303 | 2353 |
| 10 | 3653 | 3963 | 1348 | 2615 |

| K400 with Flexfill | | | | |
|--------------------|------|------|------|------|
| M | LC | L1 | L2 | L3 |
| 2 | 1477 | 1796 | 1272 | 524 |
| 3 | 1784 | 2103 | 1317 | 786 |
| 4 | 2091 | 2410 | 1362 | 1048 |
| 5 | 2398 | 2717 | 1407 | 1310 |
| 6 | 2705 | 3024 | 1452 | 1572 |
| 7 | 3012 | 3331 | 1497 | 1834 |
| 8 | 3319 | 3638 | 1542 | 2096 |
| 9 | 3626 | 3945 | 1587 | 2358 |
| 10 | 3933 | 4252 | 1632 | 2620 |



LC measure to be used when the loading chute is fitted with FlexClose or FlexFill

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