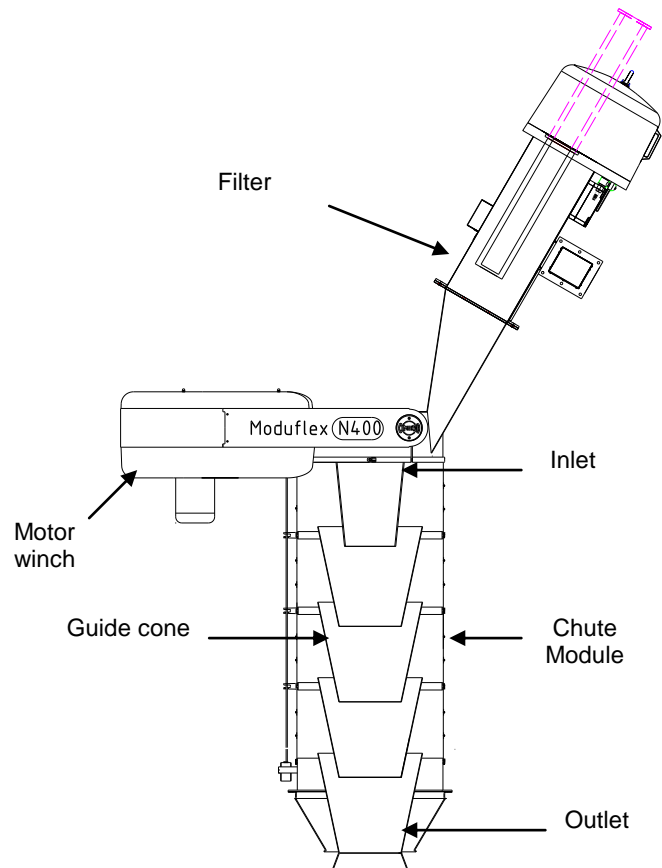


Data Sheet 300.15-1

Loading Chute N400



Technical Information – N400	
Inlet	Conical Inlet tube in 4 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/H=300mm. Temperature -35°C - +70°C Type M - Food Grade: Light Grey. PVC/Polyester. Ø700mm/H=300mm. Temperature -30°C - +70°C Type W - Special: Misc. PVC/Polyamide. Ø700mm/H=300mm. Temperature -35°C - +70°C Type B - Heavy Duty: Black. Synthetic rubber. Ø700mm/H=300mm. Temperature -40°C - +130°C Type G - High Temperature: Grey. Teflon/Fiber glass. Ø700mm/H=300mm. Temperature -35°C - +260°C Type R - High Temperature: Red. Polyester and fiber/silicone rubber. Ø700/H=300. 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, H=30mm Type J - Steel Standard. Steel, H=150mm, pt=2mm. Type L - Steel Overlapping. Steel, H=405mm, pt=2mm.
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 N400 please see separate Data Sheets.

Data Sheet 300.15-2

Loading Chute N400 – Dimension Sheet



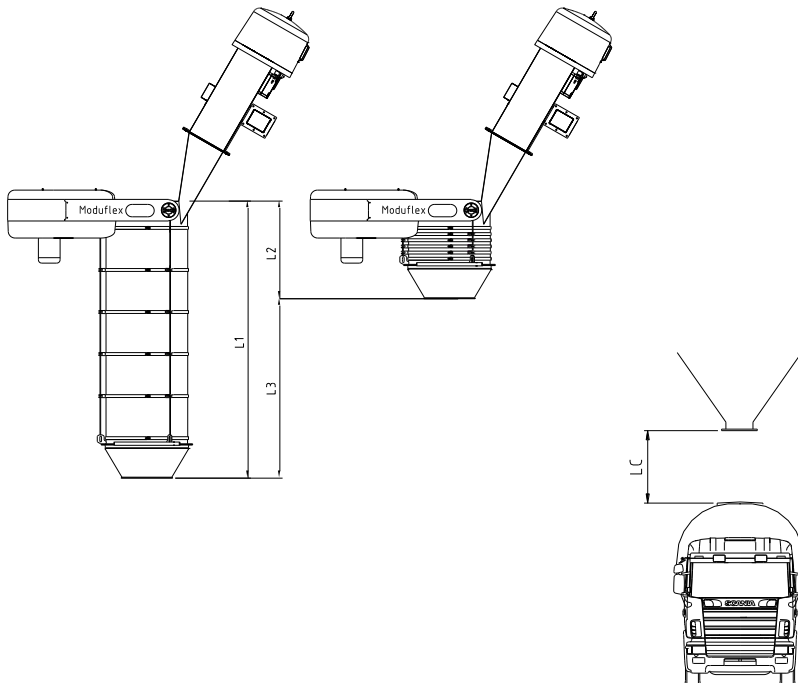
N400

Cone	Outlet type TH			Outlet type FH			Outlet type MH		
	Overlapping steel			Overlapping steel			Overlapping steel		
M	L1	L2	L3	L1	L2	L3	L1	L2	L3
1	948	691	257	1334	1077	257			
2	1255	741	514	1641	1127	514			
3	1562	791	771	1948	1177	771			
4	1869	841	1028	2255	1227	1028			
5	2176	891	1285	2562	1277	1285			
6	2483	941	1542	2869	1327	1542	2869	1327	1542
7	2790	991	1799	3176	1377	1799	3176	1377	1799
8	3097	1041	2056	3483	1427	2056	3483	1427	2056
9	3404	1091	2313	3790	1477	2313	3790	1477	2313
10	3711	1141	2570	4097	1527	2570	4097	1527	2570
11	4018	1191	2827	4404	1577	2827	4404	1577	2827
12	4325	1241	3084	4711	1627	3084	4711	1627	3084
13	4632	1291	3341	5018	1677	3341	5018	1677	3341
14	4939	1341	3598	5325	1727	3598	5325	1727	3598
15	5246	1391	3855	5632	1777	3855	5632	1777	3855
16	5553	1441	4112	5939	1827	4112	5939	1827	4112
17	5860	1491	4369	6246	1877	4369	6246	1877	4369
18	6167	1541	4626	6553	1927	4626	6553	1927	4626
19	6474	1591	4883	6860	1977	4883	6860	1977	4883
20	6781	1641	5140	7167	2027	5140	7167	2027	5140

N400 with FlexClose + indicator							
Rotating+ capacitive indicator					Vibrationrod		
M	LC	L1	L2	L3	L1	L2	L3
2	1197	1667	1153	514	1737	1223	514
3	1504	1974	1203	771	2044	1273	771
4	1811	2281	1253	1028	2351	1323	1028
5	2118	2588	1303	1285	2658	1373	1285
6	2425	2895	1353	1542	2965	1423	1542
7	2732	3202	1403	1799	3272	1473	1799
8	3039	3509	1453	2056	3579	1523	2056
9	3346	3816	1503	2313	3886	1573	2313
10	3653	4123	1553	2570	4193	1623	2570

N400 with FlexClose - no indicator				
M	LC	L1	L2	L3
2	1197	1507	993	514
3	1504	1814	1043	771
4	1811	2121	1093	1028
5	2118	2428	1143	1285
6	2425	2735	1193	1542
7	2732	3042	1243	1799
8	3039	3349	1293	2056
9	3346	3656	1343	2313
10	3653	3963	1393	2570

N400 with Flexfill				
M	LC	L1	L2	L3
2	1477	1796	1485	311
3	1784	2103	1535	568
4	2091	2410	1585	825
5	2398	2717	1635	1082
6	2705	3024	1685	1339
7	3012	3331	1735	1596
8	3319	3638	1785	1853
9	3626	3945	1835	2110
10	3933	4252	1885	2367



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

