Datasheet
solids - Aeration Bottom
FLK-Basic

Operating conditions:

Max. temperature: 140° C

Bulk solids data:
Particle size: Powdered < 0,5 mm, up to medium hardness
Up to limited fluidity, fluidisable bulk materials

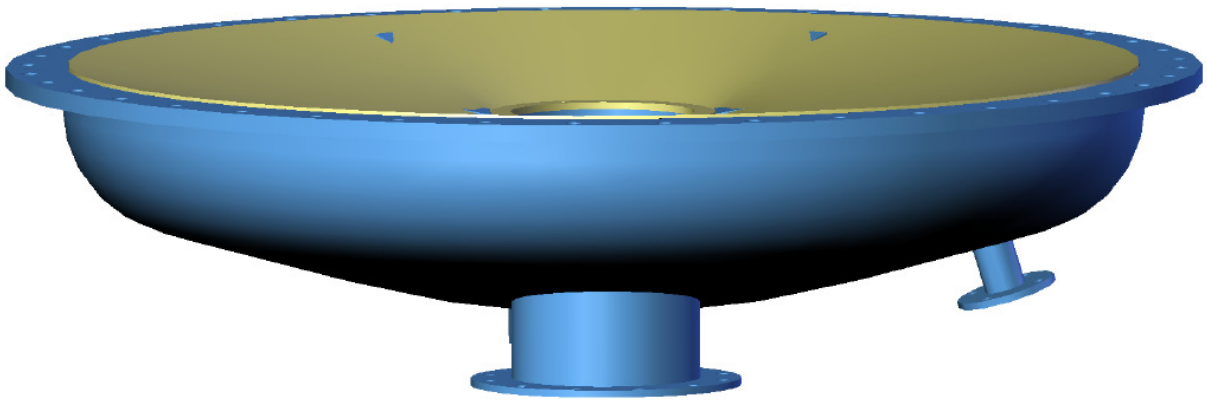
Max load by bulk: depends on bulk and silo dimensions. Calculation by the manufacturer

Type	Inlet Ø / Minimum outlet Ø	Maximum height	Number of aeration flanges	Maximum´s Load (tonne)	Weight
FLK1200B01	1200/150 mm	410 mm	2	45 t	250 kg
FLK1500B01	1500/150 mm	500 mm	2	58 t	340 kg
FLK1800B01	1800/150 mm	610 mm	2	80 t	470 kg
FLK2100B01	2100/150 mm	750 mm	2	110 t	750 kg
FLK2400B01	2400/150 mm	900 mm	2	120 t	900 kg
FLK3000B01	3000/150 mm	1100 mm	4	165 t	1320 kg
FLK3600B01	3600/150 mm	1200 mm	4	250 t	1900 kg

Basical version:

Construction materials:
Torispherical head: welded steel construction made of carbon steel
Ventilation of polyester 4 - 5 mm thick
Aeration connections with flanges DN50 PN10
Outlet pipe with flange PN10

Surface treatment:
Chemical stripped
Primer 40 micron zinc phosphate
Top coat 40 microns 2-component polyurethane, RAL5012 blue



Freigabe:	MIGSA		SST		H. Linder	
	Datum:	Kurzzeichen:	Datum:	Kurzzeichen:	Datum:	Kurzzeichen:

Preliminary
Änderungen vorbehalten

Options:

1. Torispherical head made of stainless steel 1.4306 (DIN) / 304L (AISI)
2. Torispherical head made of stainless steel 1.4404 (DIN) / 316L (AISI)
3. Torispherical head made of stainless steel 1.4571 (DIN) / 316Ti (AISI)
4. Different from minimum outlet diameter: Ø200, Ø250, Ø300, Ø350, Ø400, Ø500 with the corresponding height
5. Ventilation with anti-static fiber for zone 21 and 22
6. Loop of rubber hoses and nozzle (Ø6,5mm for FLK1200/1500 und Ø10 for FLK1800/2100/2400/3000/3600) with connecting parts for
   6.1 2 air connections
   6.2 4 air connections
7. Pneumatic installation consisting of: ball valve, manually operated, 2/2-way magnetic valve, pressure regulator
   7.1 PBA012B01A ½“ for FLK1200
   7.2 PBA025B01A 1“ for FLK1500/1800
   7.3 PBA040B01A 1 ½“ for FLK2100/2400
   7.4 PBA050B01A 2“ for FLK3000/3600
8. Pneumatic installation consisting of: ball valve, manually operated, 2/2-way magnetic valve Atex Ex II 2D, pressure regulator
9. Square flange
10. An extra outlet, up to 4 in total
11. Suitable up to 250°C with special fabric

Related documents:

3D-Part: Type.step (example: **FLK1200B01.** Step)
2D-planning drawing: Type.dxf (example: **FLK1200B01.** dxf)
selection criteria: SG-FLK
Pricelist: PL-FLK-Basic