

# Charging Valve FR

## - load fast, large & a lot -

### application

FR Charging Valve for loading difficult to load powder & bulks under protected condition, from powder with extremely low density to bulks and chips up to 35mm.

Due to the enormously high throughput, FR-valve can be used for rapid emergency loading of neutralizing material at dangerous processing.

Closed system to inside & outside, no dead-zones and no blocking by segregation or caking, easy cleaning & maintenance.

### utilization

Simoloyer® and HV-Simoloyer®, semi-continuous, auto-batch or batch, commercial mills and mixers with static vessel. To be utilized in practically all closed systems where grinding media is processing also for commercial agitator tanks. Installation at 45°.

### technical data, dimensions

unit size	FR63-01	FR63-02	FR100-01	FR100-02
unit height closed [mm]	260	320	440	500
unit length/unit width [mm]	235/125		375/200	
true gateway / air-lock port	NW59/DN16		NW94/DN16	
flow in/out	DN63/NW60		DN100/NW96	
main port	D125-4M8		D200-4M12	
range vertical [mm]	+140	-20 / +130	+215	-20 / +200
cross-function	no	yes	no	yes
ports & material	standard-KF, stainless steel 1.4301			
operation pressure & temp.	2 bar max., 50°C max.			
maintenance	restorable wear-parts, easy to dismantle			
definition example	Charging Valve FR-63-02			

