

KREISSOLVER®

Type KDV DE



- Built into steel platform or ceiling
- Pivotal over 2, 3 or 4 mixing containers
- Height-adjustable toothed disc
- Batch sizes of 2,000 to 15,000 litres
- Driving powers of 44 to 315 kW



■ **Developed for high-concentrated
dispersing batches**

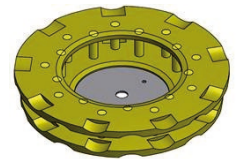
■ **MADE BY NIEMANN
MADE IN GERMANY
S I N C E 1 9 6 3**

WILHELM NIEMANN
MASCHINENFABRIK

DISPERGIER- UND FEINMAHLTECHNIK

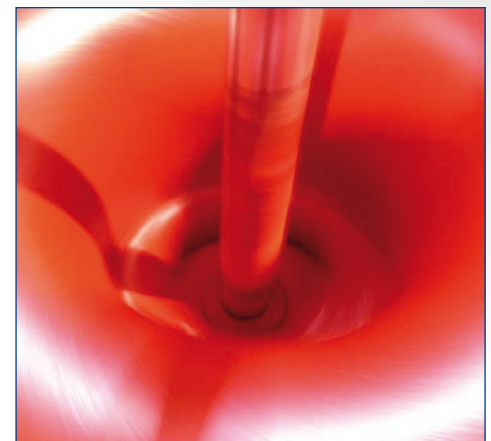


TYPE	DRIVE TYPE	TYPE KDV	P kW	SPEED rpm	BATCH SIZE* kgs	WORKING CAPACITY** litres
KDV 790	PD	KDV 790 - 79 DE	58	290 - 1000	1.000 - 3.200	800 - 2.500
	FU	KDV 790 - 100 FU DE	75	70 - 1000		
KDV 1000	PD	KDV 1000 - 95 DE	70	250 - 950	1.250 - 4.000	1.000 - 3.100
	FU	KDV 1000 - 112 FU DE	90	70 - 950		
KDV 1500	PD	KDV 1500 - 122 DE	90	270 - 800	1.500 - 5.000	1.200 - 3.900
	FU	KDV 1500 - 150 FU DE	110	60 - 850		
KDV 1500	PD	KDV 1500 - 136 DE	100	240 - 710	2.000 - 6.000	1.600 - 4.600
	FU	KDV 1500 - 180 FU DE	132	55 - 800		
KDV 1700	FU	KDV 1700 - 218 FU DE	160	50 - 700	2.500 - 7.500	1.900 - 5.800
KDV 2000	FU	KDV 2000 - 272 FU DE	200	50 - 600	3.200 - 11.000	2.500 - 8.500
KDV 2000	FU	KDV 2000 - 340 FU DE	250	50 - 600	4.000 - 15.000	3.100 - 11.500
KDV 3000	FU	KDV 3000 - 430 FU DE	315	40 - 480	13.000 - 19.500	10.000 - 15.000



* Depending on viscosity | **Specified weight of approx. 1.3 kg/dm³ | FU = Frequency converter | PD = NIEMANN-Pulley-Drive

- ATEX zone 0 – Ex II 1/2 G c/b IIB T3/T4
- Vacuum execution
- Double suction disc
- Viscosity-dependent „SPEED-CONTROL“
- Electrical pivoting of the machine top
- Cover systems
- Rotating container wall and container bottom scraper
- Cleaning system for low, medium and high working pressure
- Weighing technology/load cells
- Mixing container in mild steel and stainless steel design
- Pivotal over 2, 3 or 4 mixing containers
- KD-BATCH-CONTROL® - recipe controlled semi and fully automatic PC/PLC-control
- NIEMANN-Premium-Package



≡ KD-BATCHcontrol® ≡

≡ SPEED control ≡

- MADE BY NIEMANN
- Possible fineness < 5 µ
- Dispersion time 10-15 min.
- Premium class service

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