Barrel Pump DULCO ® Trans

Barrel pumps are the ideal solution for moving liquids

Pump capacity according to size 2,800 – 6,600 l/h

DULCO ® Trans is used for bottling, draining and transferrring liquids from canisters, hobbocks, drums, storage tanks and containers.

Included in the scope of supply: Metering hose with pump nozzle.

Your benefits

- Reliable pumping of liquid chemicals.
- Pump sets available for different delivery containers.
- Pump nozzle for convenient filling of liquids.
- Undervoltage trigger prevents unintentional start-up after an interruption to the operating voltage.
- The overcurrent safety switch prevents overloading of the motor.

Field of application

- Barrel pump for bottling, emptying and transferring liquids from canisters, drums and containers.

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Technical Data

Type		DULCO ® Trans 32/700	DULCO ® Trans 41/1000	DULCO ® Trans 41/1200
Max. density	kg/dm3	1.3	1.5	1.9
Max. viscosity	mPas	400	600	1000
Media temperature PP	°C	50	50	50
Media temperature PVDF	°C	90	90	90
Suction pipe outer diameter	mm	32	41	41
Hose connection		d 19	d 25	d 25
Discharge hose		2 m, DN	19 2 m, DN	25 2 m, DN 25
Motor rating	W	450	640	825
Enclosure rating		IP 24	IP 24	IP 24
Voltage/frequency		230 V/1~/50/60 Hz	230 V/1~/50/60 Hz	230 V/1~/50/60 Hz
Under-voltage cut-out		with	with	with
Overvoltage safety switch		with	with	with
Temperature monitoring		none	none	none
Speed control		none	none	none
Connection cable		5 m, EUR plug	5 m, EUR plug	5 m, EUR plug
Drum adapter		G 2”	G 2”	G 2”
Weight PP/PVDF	kg	5.9/7.9	7.6/9.2	8.3/9.7
Dimensions H x W x D	mm	986 x 170 x 90	1,315 x 220 x 90	1,515 x 220 x 90

Dimensions

Type		DULCO ® Trans 32/700	DULCO ® Trans 41/1000	DULCO ® Trans 41/1200
A	mm	170	220	220
B	mm	90	90	90
C	mm	656	996	1,016
D	mm	700	1,000	1,200
F	mm	32	41	41
G	d	19	25	25
H	mm	986	1,315	1,515

Materials in Contact With the Medium

The following components come into contact with the liquids:

	PP version	PVDF version
External and internal pipe, pump nozzle	Polypropylene	PVDF
Drive shaft	Hastelloy C	Hastelloy C
Rotor	PP	PVDF
Axial face seal	PTFE	PTFE
O-rings	FKM	FKM
Metering hose	PVC	multi-purpose chemical hose

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DULCO ® Trans PP Version

	Feed rate max. l/h	Feed lift max. m	Part No.
DULCO ® Trans 32/700 PP	2,800 *	10	**1098490**
DULCO ® Trans 41/1000 PP	5,400 *	11	**1098491**
DULCO ® Trans 41/1200 PP	6,600 *	16	**1098489**

DULCO ® Trans PVDF Version

	Feed rate max. l/h	Feed lift max. m	Part No.
DULCO ® Trans 32/700 PVDF	2800 l/h *	10	**1098492**
DULCO ® Trans 41/1000 PVDF	5400 l/h *	11	**1098493**
DULCO ® Trans 41/1200 PVDF	6600 l/h *	16	**1098494**

* The specified delivery rate includes hose and tap, determined using water as the medium at room temperature.

Spare parts kits for the barrel pump DULCO ® Trans

	Part No.
Spare parts kit for DULCO ® Trans 32/700 PP	**1098502**
Spare parts kit for DULCO ® Trans 32/700 PVDF	**1098503**
Spare parts kit for DULCO ® Trans 41/1000 PP	**1098500**
Spare parts kit for DULCO ® Trans 41/1000 PVDF	**1098498**
Spare parts kit for DULCO ® Trans 41/1200 PP	**1098501**
Spare parts kit for DULCO ® Trans 41/1200 PVDF	**1098499**

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