

## Large capacity for medium viscosity liquids

with the new light weight eccentric screw pump series SB-ds

Motor connection without plastic parts, only robust metall

Safety bracket (SB) for a motor changing without tools

Selection of two motor drives with safety bracket (SB) for pump series SB-ds,  
other motor drives on demand, frequency inverter on demand



<b>Ord.-no.</b> 500-0073	<b>pd500-1-0,37 - 230, 1400/min</b> 0,37 kW, 230 V, 1400/min, IP55, 6 kg, start/stop switch, 5m cable
<b>Ord.-no.</b> 500-0075	<b>pd500-1-0,75 - 230, 1400/min</b> 0,75 kW, 230 V, 1400/min, IP55, 8 kg, start/stop switch, 5m cable
<b>Ord.-no.</b> 500-0051	<b>pd500-3-0,37 - 400 V, 1400/min</b> 0,37 kW, 400 V, 1400/min, IP55, 6 kg, protection switch optional
<b>Ord.-no.</b> 500-0078	<b>pd500-3-0,55 - 400 V, 900/min</b> 0,55 kW, 400 V, 900/min, IP55, 11 kg, protection switch optional



### Technical specifications

Typ SB-ds		SB-40 ds 8.1	SB-40 ds 20.1	ds 20.1	ds 40.1	ds 80.1
capacity	l/min	8	23	23	39	75
delivery head	bar5	5	4	4	3	2
viscosity	mPas	5.000	3.000	3.000	2000	1.000
materials (pump)		tube, drive shaft, rotor made of SS 1.4571				
tube length	mm	700 - 1200		1000 - 1200		1100 - 1200
tube diameter	mm	40	40	54	54	54
discharge thread	OT	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
weight	kg	4	4	6	6	6
max. temperature °C	PTFE	140				
materials (seal)	o-ring	FKM	FKM	FKM		
mechanical seal	MS	carbon, ceramic		carbon, ceramic		
stator materials		NBR / PTFE		PTFE		
<b>ord.-no. (L=1000mm)</b>	PTFE NBR	<b>652-0002</b> <b>652-0005</b>	<b>652-0032</b>	<b>652-0311</b>	<b>652-0312</b>	<b>652-0313</b>
rotor size						

Other type-sizes on demand, submersible length individual available, discharge thread on customers requests available



# easy and simple to operate



take out what's in.

grün-pumpen gmbh

Otto-Schott-Str. 19

D-97877 Wertheim

Telefon (00 49) 93 42 / 93 51 6-0

Telefax (00 49) 93 42 / 93 51 6-29

info@gruen-pumpen.de

www.gruen-pumpen.de



take out what's in.

# MAX. HYDRAULIC PERFORMANCE OF THE PUMP SB-DS-PTFE

depending on viscosity and selected motor

Capacity  
max. l/min

