

Stirrer Systems

Magnetic stirrer

For all Autoclaves (volume 0,15 l - 1.000 l) glandless magnetic coupled rotary stirrer systems are available.

Range

Their operation parameters are calculated in accordance with the parameters of the corresponding autoclave.

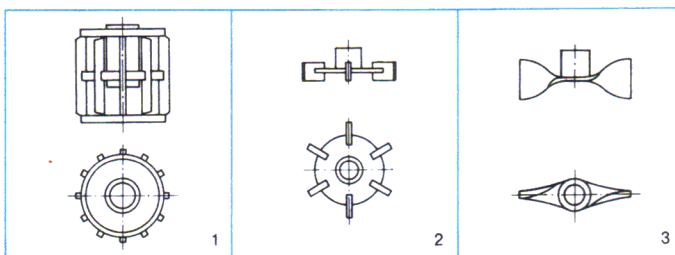
- max. 1.000 bar
- max. 500°C inside the autoclave
- max. 2.000 rpm.

Stirrer elements and stirrer shafts are both exchangeable.

View of models

Modell model	Drehmom. torque Ncm	Betr.-Druck pressure bar ¹⁾	Betr.-Temp. oper. temp. °C ²⁾	für Behälter for vessel ltr.	Drehzahl max. rotation max. Upm/rpm	Welle Ø shaft Ø mm	Deckelanschl. cover connect. G-Gew./BSP	Antrieb drive No.
PDR 180 B-SS 360	180	360	500	0,25-2	2000	10	G 1/2 A	A1/B1
PDR 360 B-SS 360	360	360	500	0,5-15	2000	15	G 7/8 A	A3/B2
PDR 360 B-SS 1000	360	1000	500	0,5-15	2000	15	G 7/8 A	A3/B2
PDR 245 B-SS 2000	245	2000	300	0,5-5	2000	11	M 36x1,5	A2/B2
PDR 360 B-HC 500	360	500	400	0,5-15	2000	15	G 7/8 A	A3/B2
PDR 245 B-HC 700	245	700	350	0,5-8	2000	14	G 7/8 A	A2/B2
PDR 360 B-HB 550	360	550	400	0,5-15	2000	15	G 7/8 A	A3/B2
PDR 720 B-SS 360	720	360	500	20-75	2000	20	Flansch	A4/B3
PDR 720 B-SS 1000	720	1000	500	20-75	2000	20	Flansch	A4/B3
PDR 720 B-HC 500	720	500	400	20-75	2000	20	Flansch	A4/B3
PDR 490 B-HC 700	490	700	350	10-50	2000	20	G 1 1/8 A	A4/B3
PDR 720 B-HB 550	720	550	400	20-75	2000	20	Flansch	A4/B3
PDR 2000 B-SS 275	2000	275	350	80-200	1050	30	Flansch	A5
PDR 2000 B-HC 360	2000	360	350	80-200	1050	30	Flansch	A5
PDR 4000 B-SS 200	4000	200	350	200-400	1050	45	Flansch	A6
PDR 4000 B-HC 300	4000	300	350	200-400	1050	45	Flansch	A6

Exchangeable Stirrer Elements



Mischkreisel
mixing gyro

Paddelrührer
paddle stirrer

Propeller
propeller

- Mixing Gyro** suspending, dispersing liquid/ liquid,
stirring function: solid/ liquid, gasing
 - Turbine Stirrer** homogenizing, dispersing liquid/liquid,
stirring function: solid/ liquid, suspending
 - Propeller Stirrer** homogenizing, dispersing liquid/ liquid,
stirring function: solid/ liquid, gasing
- Anchor Stirrer** stirring function: heat exchange, mixing

