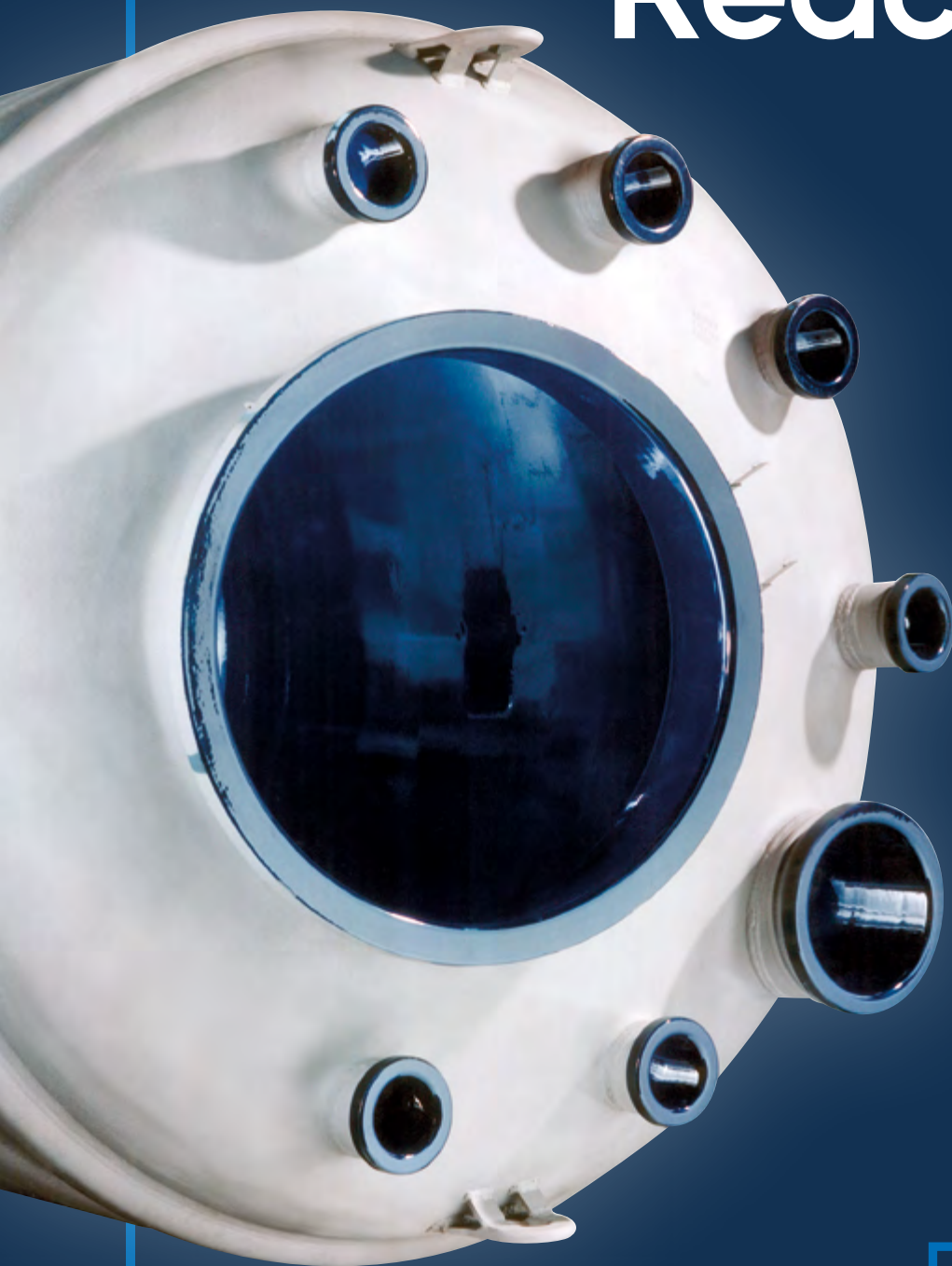


PFAUDLER

Glass-Lined Technology

DIN CE Reactors



GMM
Pfaudler

PFAUDLER

— Glass-Lined Technology

For over 140 years, Pfaudler is the leader in developing new technologies to meet the highly specific chemical processing needs of its clients. One reason why our glass-lined equipment is trusted by over 90% of the world's top chemical companies is the sheer reliability of our reaction technologies and comprehensiveness of our glass-lined accessories. These technologies are critical to the safe containment of corrosive contents, maintaining the vessel pressure and ensuring the final batch quality.

In short, our glass-lined technologies are absolutely integral to an effective process.

PRODUCTS & EQUIPMENT

Glass Lined Reactors

Glass Lined Mixing Systems

Baffling Technologies

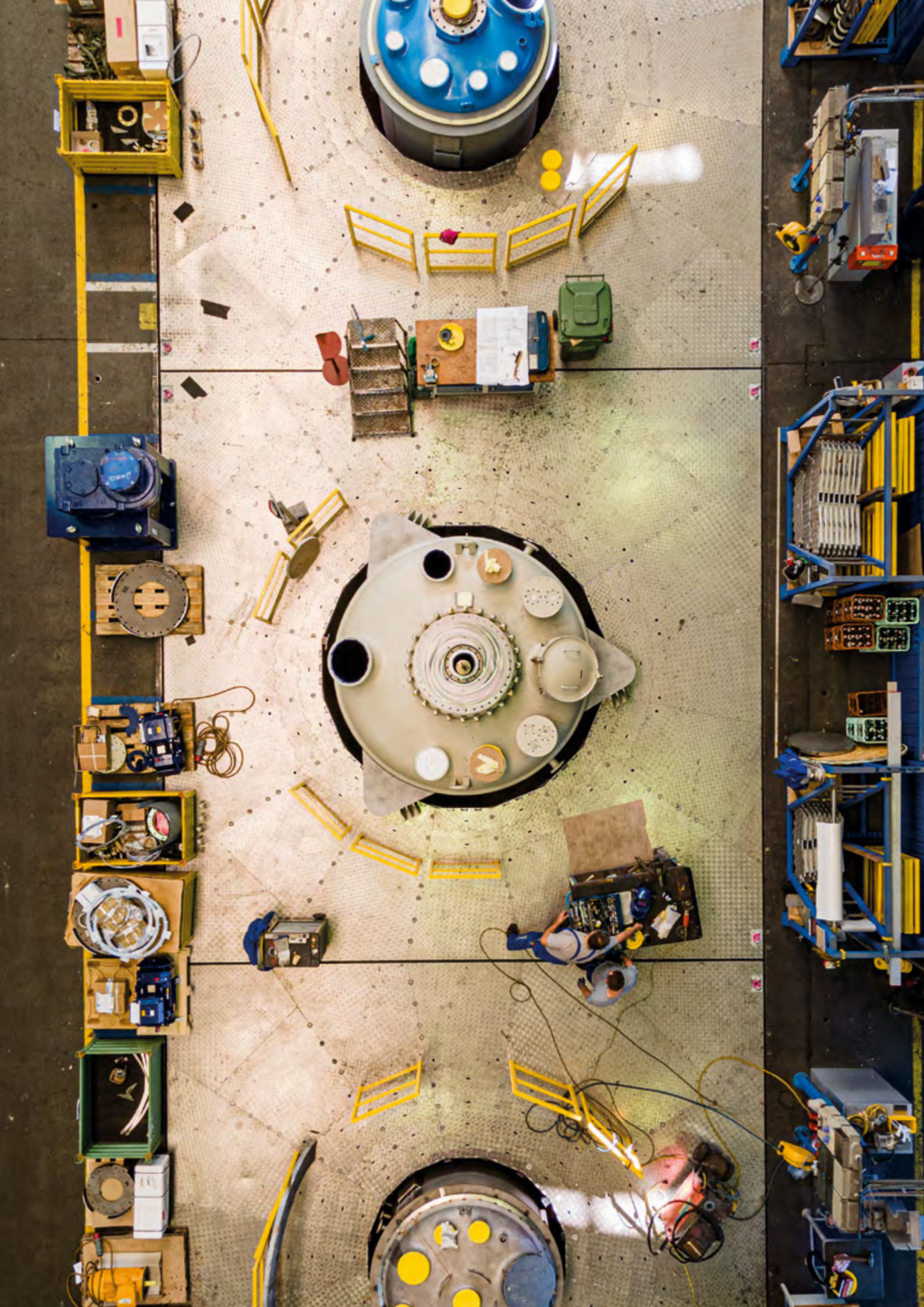
Storage Tanks & Receivers

Glass Lined Columns

Accessories

Glass Lined Instrumentation

Glass Lined Heat & Mass Transfer



DIN CE Reactors

Design Options

Half-pipe coil jacket construction.

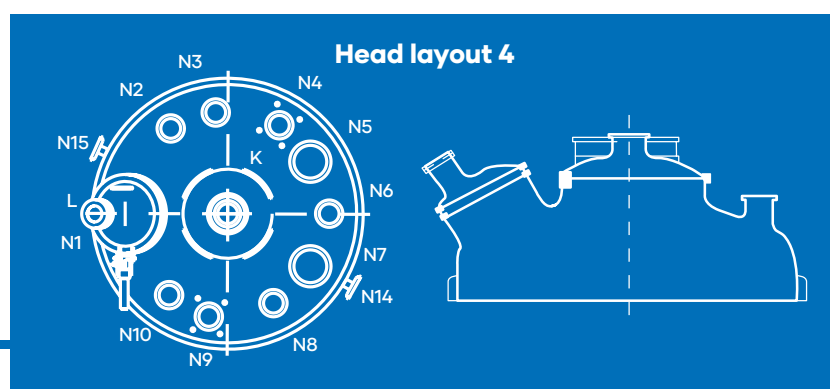
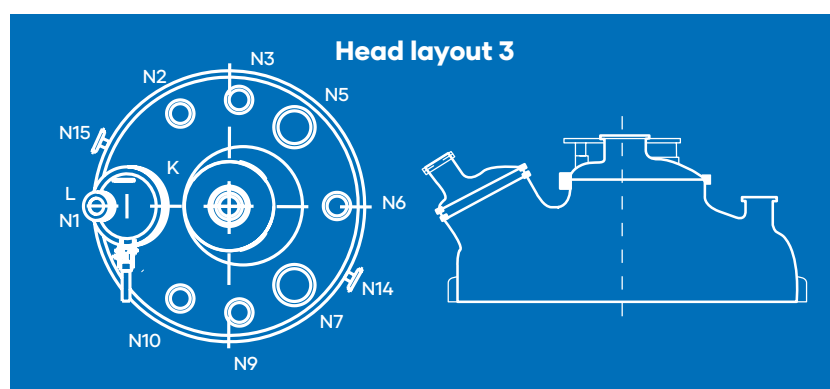
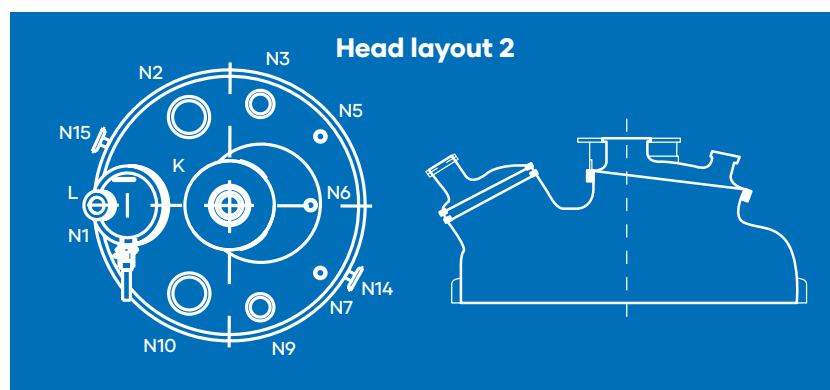
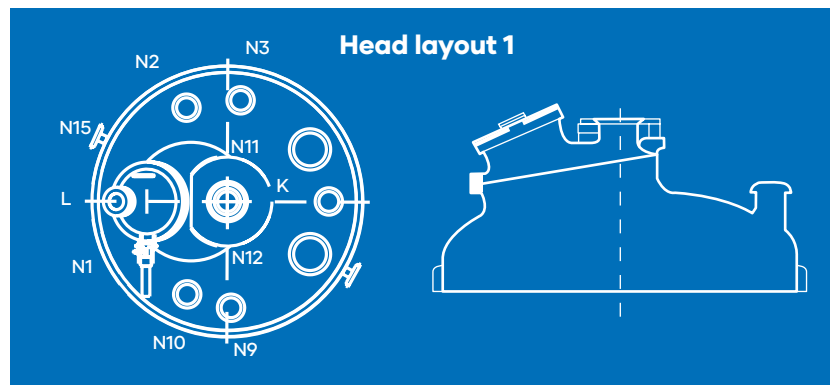
Support options of legs, side brackets or support ring.

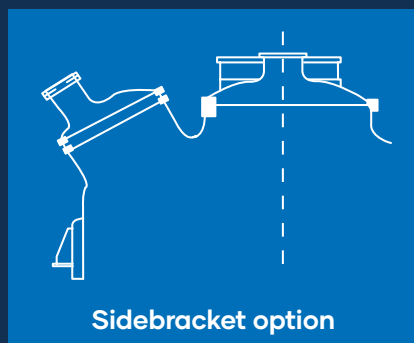
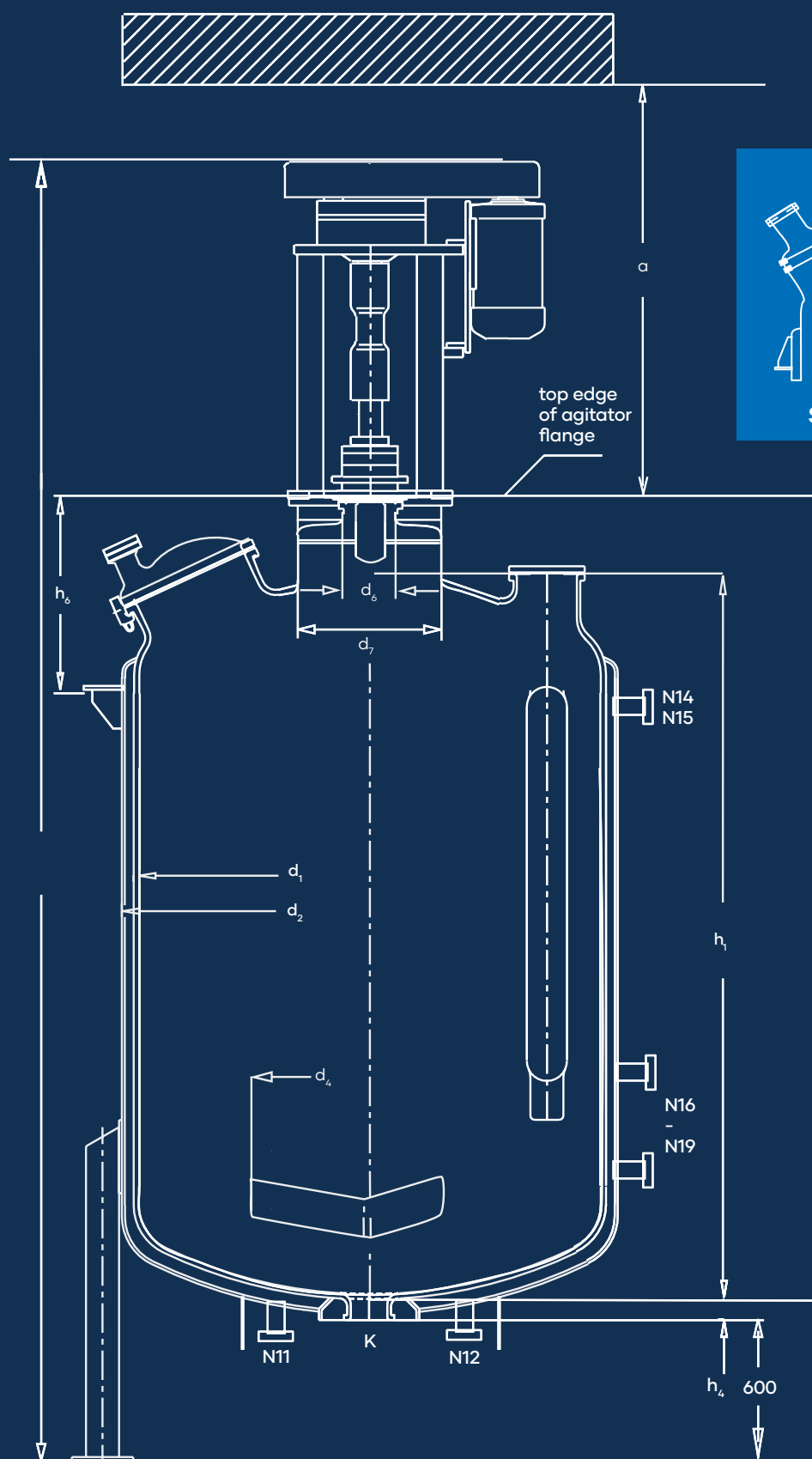
Pfautler DIN reactors CE

Meet the following standards:

- DIN 28 130, part 2 assembly of components
- DIN 28 136 reactors type CE
- DIN 28 137, part 2 agitator flange
- DIN 28 157 impeller agitators
- DIN 28 146 paddle-type baffles
- DIN 29 145, part 8 legs
- DIN 28 145, part 4 supporting rings
- DIN 28 151 jacket connections
Type A1/A2 without circulating nozzles
Type B1/B2 with circulating nozzles

Head layout depending on reactor size



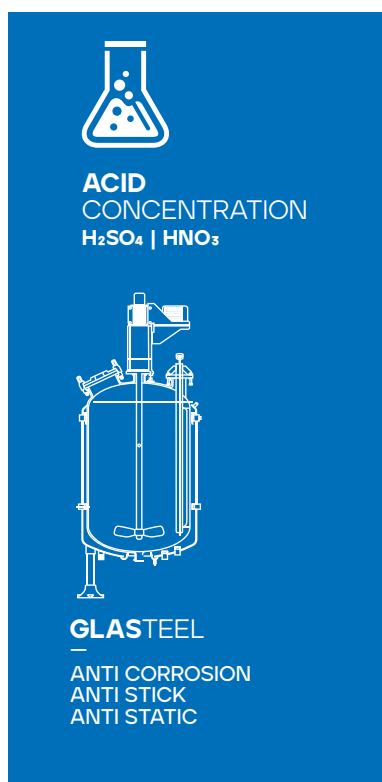


Side view: CE 8000
with DIN drive VSO
16/100, head layout 3

DIN CE Reactors

Technical information

Head layout	Rated volume	Total flooded volume	Jacket volume	Heating/ cooling surface	Leading dimensions [mm]											Drive			Empty weight ¹
															5	Type	n	Md max.	
	[l]	[l]	[l]	[m²]	d ₁	d ₂	d ₄	d ₆	d ₇	h ₁	h ₃	h ₄	h ₅ ≈	h ₆	α≈	VSO	[min ⁻¹]	[Nm]	[kg]≈
1	1600	2040	295	6,5	1400	1500	840	153	770	1610	1915	70	3800	710	1580	8/80	125	600	2850
1	2500	3095	375	8,6	1600	1700	960	153	770	1860	2175	70	4050	760	1600	8/80	125	600	3600
2	4000	4910	510	12,0	1800	1900	1100	203	770	2295	2630	70	4740	825	1950	16/100A	125	1250	5450
3	6300	7575	680	16,6	2000	2100	1100	203	770	2840	3180	90	5290	885	2650	16/100	125	1250	7550
3	8000 ²	8765	780	19,2	2000	2100	1100	203	770	3250	3580	90	5690	885	3000	16/100		1250	8350
4	8000	9370	725	18,0	2200	2300	1100	203	770	3000	3330	90	5440	1040	2800	16/100	125	1250	8300
4	10000	11770	810	20,7	2400	2500	1300	240	965	3180	3535	85	5870	1125	2950	32/125	125	2400	11050
4	12500	14360	1100	25,2	2400	2500	1300	240	965	3780	4135	85	6470	1125	3450	32/125	125	2400	12500
4	16000	18200	1260	29,5	2600	2700	1350	240	965	4080	4435	85	6770	1180	3750	32/125	90	2400	15000
4	16000	18700	1200	28,2	2800	2900	1500	240	1160	3705	4085	80	6590	1255	3400	64/125	90	5200	16450
4	20000	22710	1410	34,2	2800	2900	1500	240	1160	4385	4765	80	7250	1255	3950	64/140	90	5200	19800
4	25000	27720	1675	41,6	2800	2900	1500	240	1160	5235	5615	80	8090	1255	4650	64/140	90	5200	21500
4	25000	28390	1605	39,7	3000	3100	1600	240	1160	4755	5135	80	7610	1315	4200	64/140	90	5200	21550
4	32000	36000	2935	47,3	3200	3350	1600	290	1350	5280	5685	80	8090	1405	4650	64/160	90	³	28450
4	32000	37050	2965	45,7	3400	3550	1700	290	1350	4875	5285	75	7690	1470	4350	64/160	90	³	28450
4	40000	45050	3525	55,5	3400	3550	1700	290	1350	5795	6205	75	8610	1470	5100	64/160	90	³	33600
4	40000	45920	3405	53,5	3600	3750	1800	290	1350	5365	5775	75	8180	1530	4750	64/160	90	³	33600



- ¹ Assembled weight without supporting structure or motor
- ² Not to DIN
- ³ Depending on drive design
- ⁴ Jacket connections to DIN 28151 A1/A2 and B1/B2 Connections N16-N19 are for use with circulating nozzles, the quantity depending on reactor size
- ⁵ Head room required for removal of impeller agitator.

DIN CE Reactors

Technical information

Head layout	Rated volume	d ₁	Connections [DN]										
			Jacket		Reactor								
	[l]	[mm]	N11 N12 N14 N15	N16- N19 ⁴	K	N1	N2 N10	N3	N4	N5 N7	N6	N8	N9
1	1600	1400	50	50	100	350/450	—	100	—	200	100	—	100
1	2500	1600	50	50	100	350/450	10	100	—	200	100	—	100
2	4000	1800	50	50	100	500	250	150	—	100	100	—	150
3	6300	2000	80	50	150	500	150	150	—	250	150	—	150
3	8000	2000	80	50	150	500	150	150	—	250	150	—	150
4	8000	2200	80	50	150	500	150	150	150	300	150	150	150
4	10000	2400	80	50	150	500	200	200	200	300	200	200	200
4	12500	2400	80	50	150	500	200	200	200	300	200	200	200
4	16000	2600	80	50	150	500	200	200	200	300	200	200	200
4	16000	2800	80	50	150	500	200	200	200	400	200	200	200
4	20000	2800	80	50	150	500	200	200	200	400	200	200	200
4	25000	2800	80	50	150	500	200	200	200	400	200	200	200
4	25000	3000	80	50	150	600	200	200	200	400	200	200	200
4	32000	3200	100	80	150	600	200	200	250	400	200	200	250
4	32000	3400	100	80	150	600	200	200	250	400	200	200	250
4	40000	3400	100	80	150	600	200	200	250	400	200	200	250
4	40000	3600	100	80	150	600	200	200	250	400	200	200	250

Nozzles N4 and N9 are designed for baffles
Sight glass L= DN 100



Worldwide Presence



GMM Pfaudler is driven by 2000+ individuals across 4 continents and 20 global manufacturing facilities around the world.

Targeted investments in strategic markets, innovation and competitiveness allow the GMM Pfaudler Group to be a landmark in the industry.

You can either click on the link or scan the QR-Code for more information about our global contacts.

[Global
Contacts](#)



80+
Countries

2000+
Employees

04
Continents