



- ❑ **1600 to 32000 lt capacity**

- ❑ **Heating with jacket or half coil**

- ❑ **Agitator**

  - blades and shaft in single piece

- ❑ **2 piece execution**

  - two pieces execution with clamped top cover

- ❑ **Design conditions**

  - Pressure: -1 / 6 bar for vessel and jacket

  - Temperature: -25 / +200°C

- ❑ **Features**

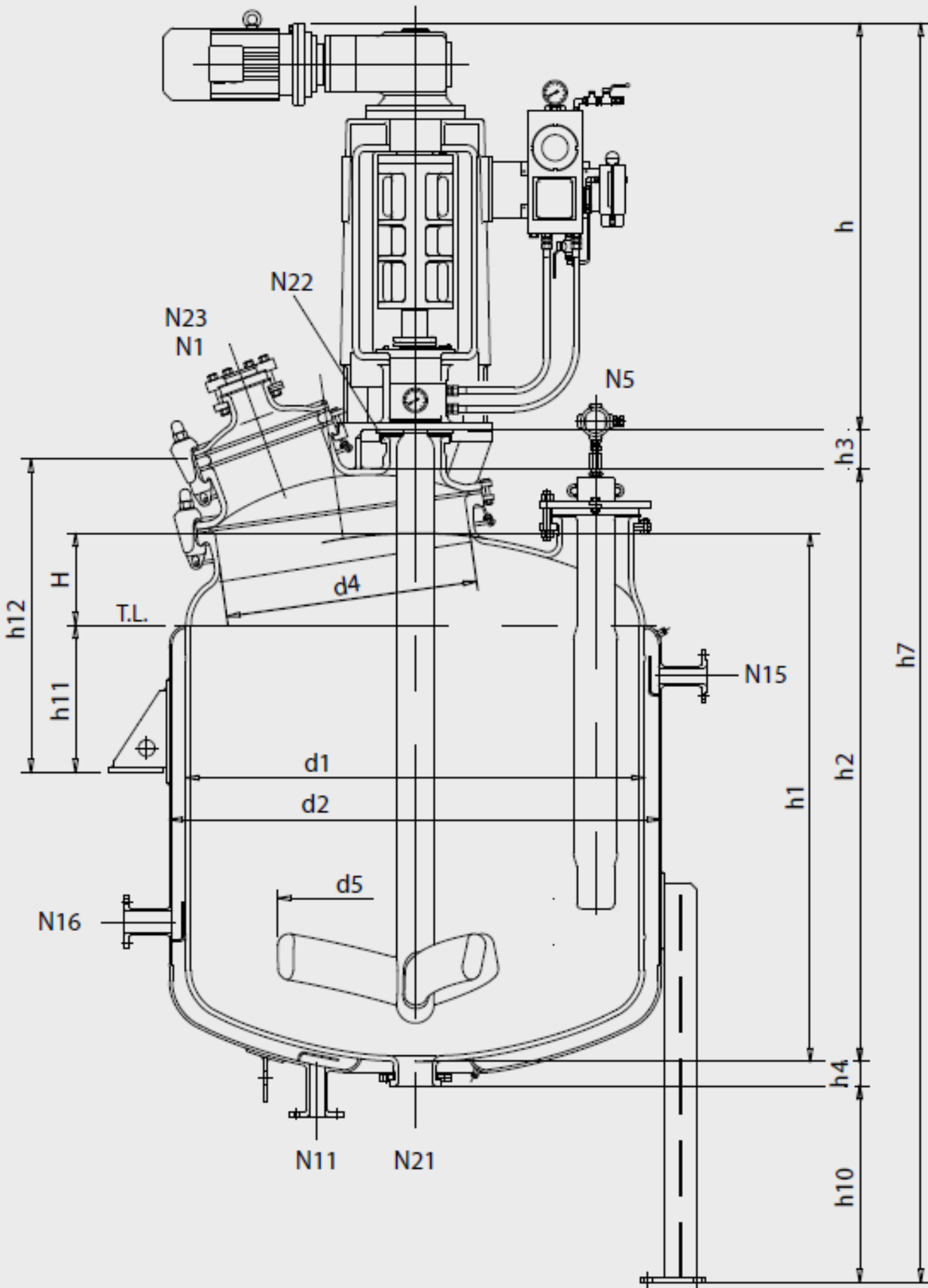
  - Available for insulation and stainless steel cladding on lower and bottom head

  - Available for insulation and stainless steel cladding on top head

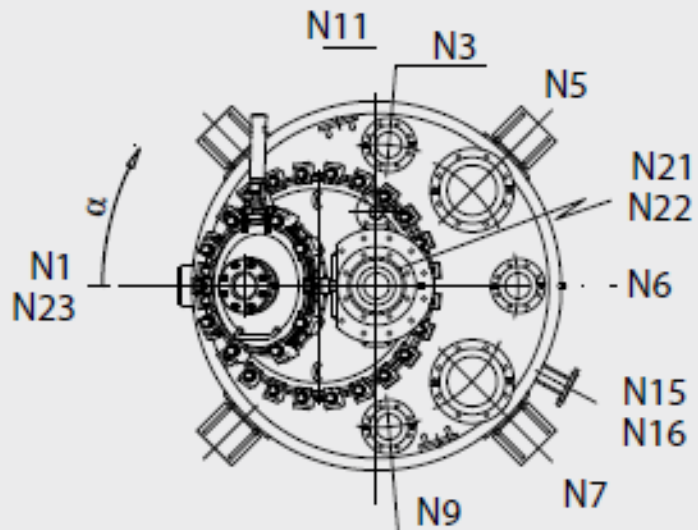
  - Available with top head in carbon steel nickel plating

  - Supportation: ring, brackets, legs according customer need

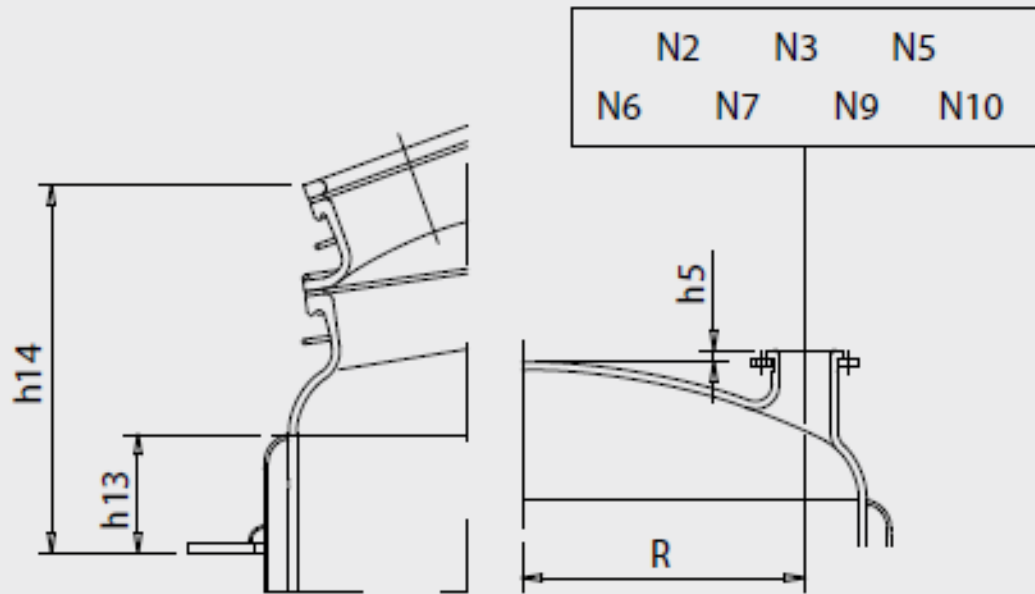
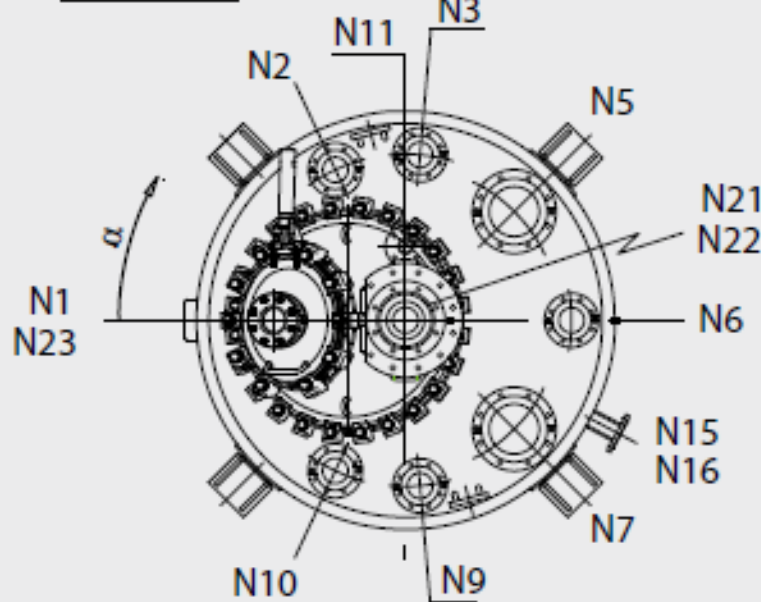
DIN 28136 type BE Reactors 1600 lt to 2500 lt



CE 1600



CE 2500



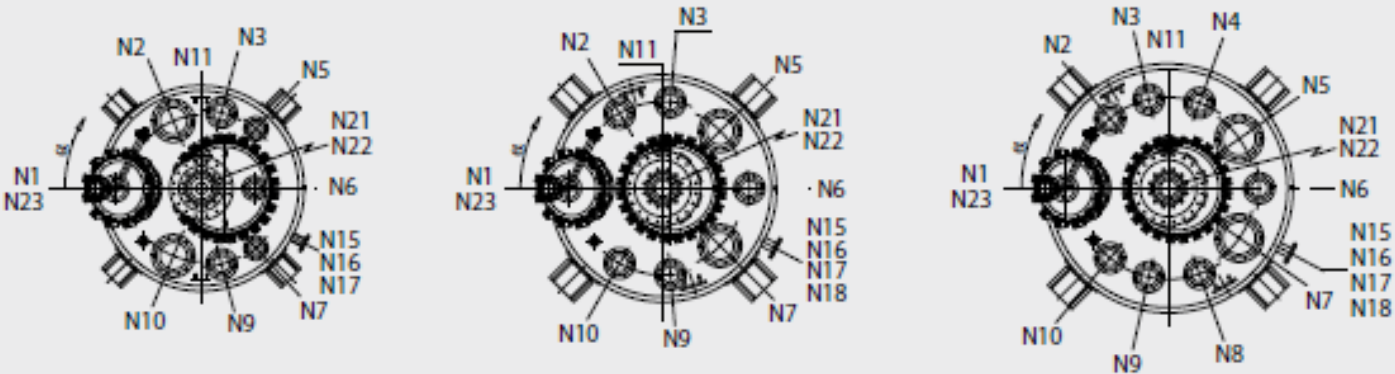
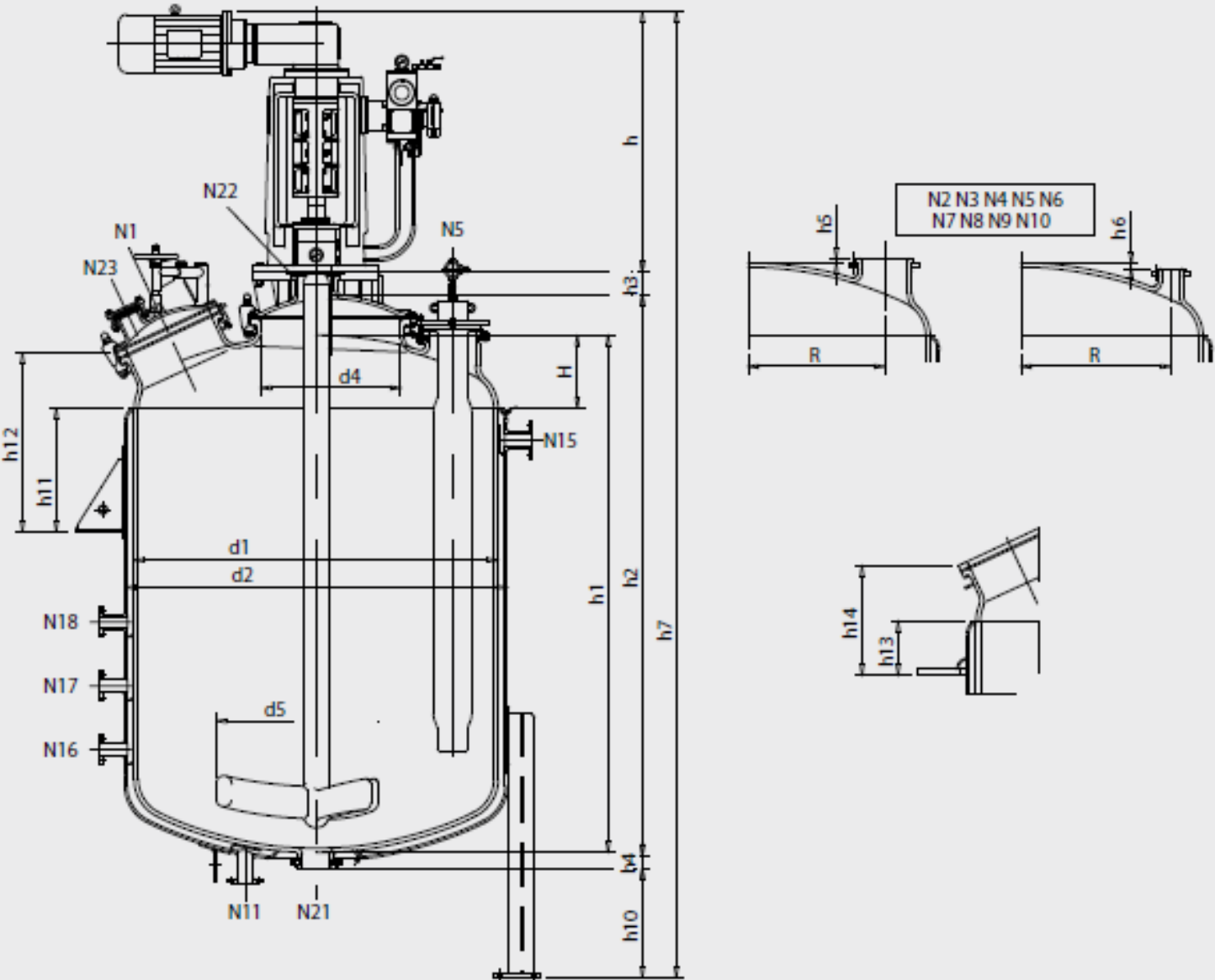
Type	Tipo	CE	1600	2500
Vessel capacity	Volume interno	l	2060	3115
Jacket capacity	Volume camicia	l	300	390
Jacketed area	Superficie incamiciata	m <sup>2</sup>	6.5	8.6
Weight	Peso	kg	3040	3800
Dimensioni Dimensions	d1	mm	1400	1600
	d2	mm	1500	1700
	d4	mm	770	770
	H	mm	280	320
	h1	mm	1611	1859
	h2	mm	1810	2070
	h3	mm	115	115
	h4	mm	74	72
	h7	mm	3946	4229
	h10 min.	mm	700	700
	h11 min.	mm	380	380
	h12 min.	mm	849	939
	h13 min.	mm	240	240
	h14 min.	mm	709	799
Bocchelli Nozzles	N1	DN	350/450	350/450
	N2	DN - h5	-	100 - 10
		R - $\alpha$	-	675 - 65°
	N3	DN - h5	100 - 25	100 - 10
		R - $\alpha$	575 - 95°	675 - 95°
	N5	DN - h5	200 - 50	200 - 50
		R - $\alpha$	550 - 135°	625 - 135°
	N6	DN - h5	100 - 25	100 - 10
		R - $\alpha$	575 - 180°	675 - 180°
	N7	DN - h5	200 - 50	200 - 50
		R - $\alpha$	550 - 225°	625 - 225°
	N9	DN - h5	100 - 25	100 - 10
		R - $\alpha$	575 - 265°	675 - 265°
	N10	DN - h5	-	100 - 10
		R - $\alpha$	-	675 - 295°
Bocchelli Camicia Jacket Nozzles	N11	DN - $\alpha$	50 - 90°	50 - 90°
	N15	DN - $\alpha$	50 - 208°	50 - 208°
	N16	DN - $\alpha$	50 - 208°	50 - 208°
	N23	DN	100	100
Gruppo Drive	Drive type	-	GRO-80	GRO-80
	Max torque	Nm	1400	1400
	h	mm	1247	1272
	na	Rpm	103	104
Impeller	d5	mm	840	960
	Pa	kw	4	5.5



DIN 28136 type BE Reactors 4000 It to 8000 It

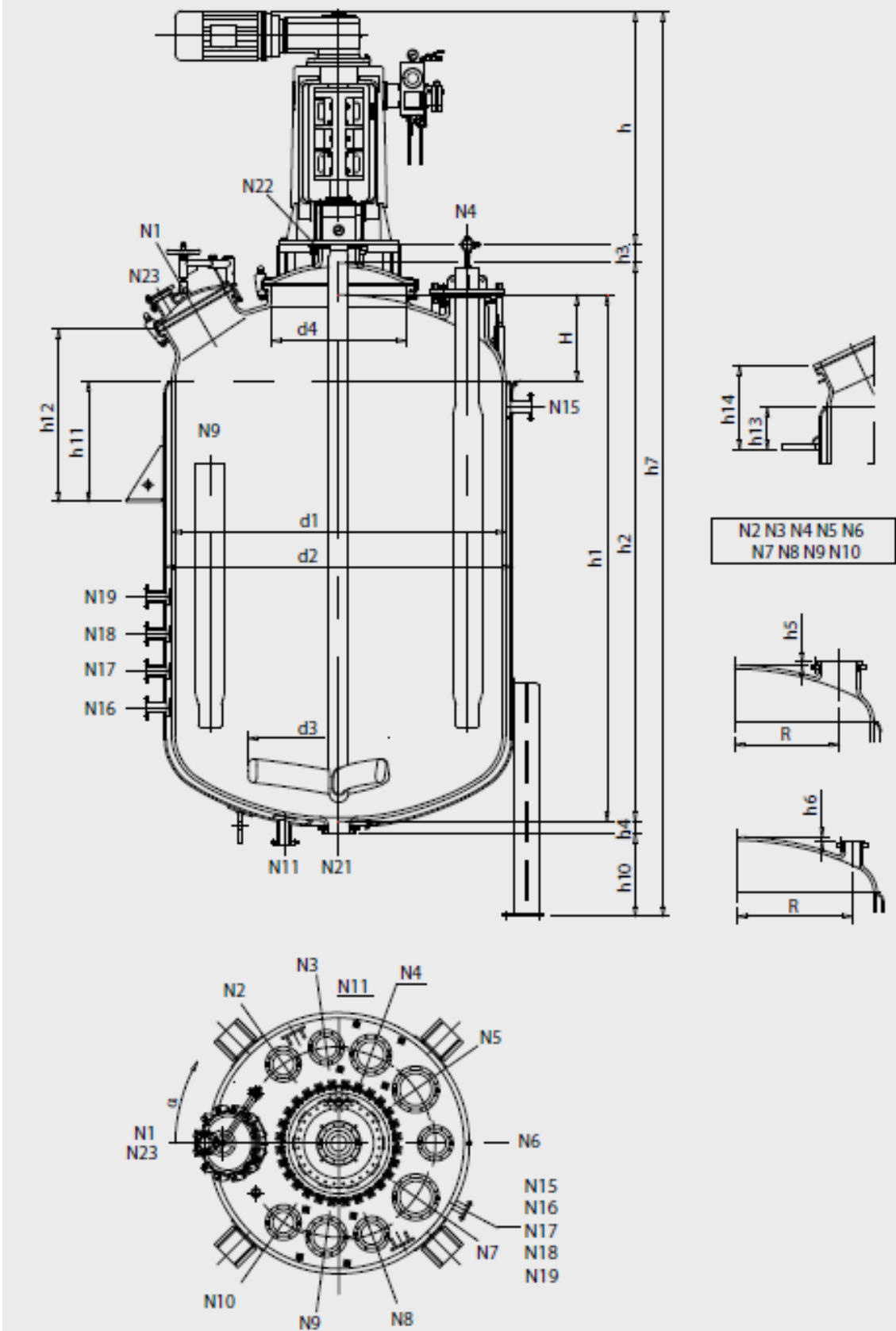
Reattori CE  
Capacità da 4000 a 8000 l

CE type Reactors  
Capacity from 4000 to 8000 l



Type	Tipo	CE	4000	6300	8000
Vessel capacity	Volume interno	l	4930	7590	9335
Jacket capacity	Volume camicia	l	520	695	750
Jacketed area	Superficie incamiciata	m <sup>2</sup>	12.1	16.60	17.9
Weight	Peso	kg	6000	8100	8870
Dimensioni Dimensions	d1	mm	1800	2000	2200
	d2	mm	1900	2100	2300
	d4	mm	770	770	770
	H	mm	359	400	570
	h1	mm	2297	2840	3000
	h2	mm	2510	3060	3210
	h3	mm	130	130	130
	h4	mm	70	86	86
	h7	mm	4816	5607	5757
	h10 min.	mm	700	900	900
	h11 min.	mm	470	570	575
	h12 min.	mm	753	874	943
	h13 min.	mm	250	270	285
	h14 min.	mm	533	574	653
Bocchelli Nozzles	N1	DN	500	500	500
	N2	DN-h5-h6	250-25-/	150-0-/	150-/40
		R - α	675 - 67.5°	800 - 60°	840 - 50°
	N3	DN-h5-h6	150-0-/	150-0-/	150-/40
		R - α	725 - 105°	800 - 95°	840 - 77.5°
	N4	DN-h5-h6	-	-	150-/40
		R - α	-	-	840 - 110°
	N5	DN-h5-h6	150-/15	250-25-/	300-10-/
		R - α	750 - 132.5°	750 - 135°	800 - 145°
	N6	DN-h5-h6	100-258-/	150-0-/	150-/40
		R - α	490 - 180°	800 - 180°	840 - 180°
	N7	DN-h5-h6	150-/15	250-25-/	300-10-/
		R - α	750 - 227.5°	750 - 225°	800 - 215°
	N8	DN-h5-h6	-	-	150-/40
		R - α	-	-	840 - 250°
	N9	DN-h5-h6	150-0-/	150-0-/	150-/40
		R - α	725 - 255°	800 - 265°	840 - 282.5°
	N10	DN-h5-h6	250-25-/	150-0-/	150-/40
		R - α	675 - 292.5°	800 - 300°	840 - 310°
	N21	DN	100	150	150
	N22	DN	200	200	200
Bocchelli Camicia Jacket Nozzles	N23	DN	100	100	100
	N11	DN - α	50 - 90°	80 - 90°	80 - 90°
	N15	DN - α	50 - 208°	80 - 208°	80 - 208°
	N16	DN - α	50 - 208°	50 - 208°	80 - 208°
	N17	DN - α	50 - 208°	50 - 208°	80 - 208°
Gruppo Drive	N18	DN - α	-	50 - 208°	80 - 208°
	Drive type	-	GRO-100	GRO-100	GRO-100
	Max torque	Nm	2800	2800	2800
	h	mm	1406	1431	1431
Impeller	d5	mm	1100	1100	1100
	ni	Rpm	105	107	107
	Pi	kw	7.5	11	11

DIN 28136 type BE Reactors 10000 It to 32000 It



Type	Tipo	CE	10000	12500	16000	16000	20000	25000	25000	32000	32000
Vessel capacity	Volume interno	l	11710	14305	18190	18720	22730	27750	28315	35940	36700
Jacket capacity	Volume camicia	l	885	1060	1165	1125	1345	1615	1495	2770	2645
Jacketed area	Superficie incamiciata	m²	20.6	25.2	29.5	28.20	34.2	41.7	39.8	47.4	45.6
Weight	Peso	kg	11250	12700	15500	15700	19000	22000	22800	28000	29000
Dimensioni	d1	mm	2400	2400	2600	2800	2800	2800	3000	3200	3400
	d2	mm	2500	2500	2700	2900	2900	2900	3100	3350	3550
	d4	mm	965	965	965	1160	1160	1160	1160	1350	1350
	H	mm	621	621	673	724	724	724	776	825	879
	h1	mm	3180	3780	4080	3705	4385	5235	4755	5280	4875
	h2	mm	3410	4010	4310	3960	4640	5490	5010	5560	5160
	h3	mm	135	135	135	135	135	135	135	135	135
	h4	mm	84	84	82	82	80	80	80	78	76
	h7	mm	6206	6806	7129	6779	7506	8356	7876	8689	8287
	h10 min.	mm	900	900	900	900	900	900	900	900	900
	h11 min.	mm	576	576	638	648	648	648	750	760	770
	h12 min.	mm	962	962	1014	1041	1041	1041	1150	1290	1300
	h13 min.	mm	295	295	300	310	310	310	310	335	335
	h14 min.	mm	647	647	676	703	703	703	720	880	880
Bocchelli	N1	DN	500	500	500	600	600	600	600	600	600
	N2	DN-h6	200-40	200-40	200-65	200-75	200-75	200-75	200-90	200-100	200-90
		R - α	925-55°	925-55°	1025-55°	1100-50°	1100-50°	1100-50°	1175-50°	1250-50°	1300-50°
	N3	DN-h6	200-40	200-40	200-65	200-75	200-75	200-75	200-90	200-100	200-90
		R - α	925-82.5°	925-82.5°	1025-82.5°	1100-77.5°	1100-77.5°	1100-77.5°	1175-77.5°	1250-77.5°	1300-77.5°
	N4	DN-h6	250-15	250-15	250-20	300-5	300-5	300-5	300-30	400-40	400-30
		R - α	900-110°	900-110°	950-110°	1000-110°	1000-110°	1000-110°	1075-110°	1150-110°	1200-110°
	N5	DN-h6	300-15	300-15	300-20	400-5	400-5	400-5	400-30	400-40	400-30
		R - α	900-145°	900-145°	950-145°	1000-145°	1000-145°	1000-145°	1075-145°	1150-145°	1200-145°
	N6	DN-h6	200-40	200-40	200-65	200-75	200-75	200-75	200-90	200-100	200-90
		R - α	925-180°	925-180°	1025-180°	1100-180°	1100-180°	1100-180°	1175-180°	1250-180°	1300-180°
	N7	DN-h6	300-15	300-15	300-20	400-5	400-5	400-5	400-30	400-40	400-30
		R - α	900-215°	900-215°	950-215°	1000-215°	1000-215°	1000-215°	1075-215°	1150-215°	1200-215°
	N8	DN-h6	200-40	200-40	200-65	200-75	200-75	200-75	200-90	200-100	200-90
		R - α	925-250°	925-250°	1025-250°	1100-250°	1100-250°	1100-250°	1175-250°	1250-250°	1300-250°
	N9	DN-h6	250-15	250-15	250-20	300-5	300-5	300-5	300-30	400-40	400-30
		R - α	900-277.5°	900-277.5°	950-277.5°	1000-282.5°	1000-282.5°	1000-282.5°	1075-282.5°	1150-282.5°	1200-282.5°
	N10	DN-h6	200-40	200-40	200-65	200-75	200-75	200-75	200-90	200-100	200-90
		R - α	925-305°	925-305°	1025-305°	1100-310°	1100-310°	1100-310°	1175-310°	1250-310°	1300-310°
Bocchelli Camicia Jacket Nozzles	N21	DN	150	150	150	150	150	150	150	150	150
	N22	DN	250	250	250	250	250	250	250	250	250
	N23	DN	100	100	100	100	100	100	100	100	100
	N11	DN - α	80-90°	80-90°	80-90°	80-90°	80-90°	80-90°	80-90°	100-90°	100-90°
Gruppo Drive	N15	DN - α	80-208°	80-208°	80-242°	80-242°	80-242°	80-242°	80-242°	100-242°	100-242°
	N16- N17- N18	DN - α	50-208°	50-208°	50-242°	50-242°	50-242°	50-242°	50-242°	80-242°	80-242°
	N19	DN - α	-	-	50-242°	50-242°	50-242°	50-242°	50-242°	80-242°	80-242°
Turbina Turbine	Drive type	-	GRO-125	GRO-125	GRO-125	GRO-125	GRO-140	GRO-140	GRO-140	GRO-160	GRO-160
	Max torque	Nm	5400	5400	5400	5400	7000	7000	7000	11250	11250
	h	mm	1677	1677	1702	1702	1751	1751	1751	2016	2016
	d5	mm	1300	1300	1350	1500	1500	1500	1600	1600	1700
	na	Rpm	97	97	97	97	98	98	98	91	91
	Pa	kw	18.5	22	30	30	37	37	37	55	55