

Characteristics

Jet diffuser. The nozzle can be manually moved in all directions with a limited angle of 30°.

Material

Aluminium.

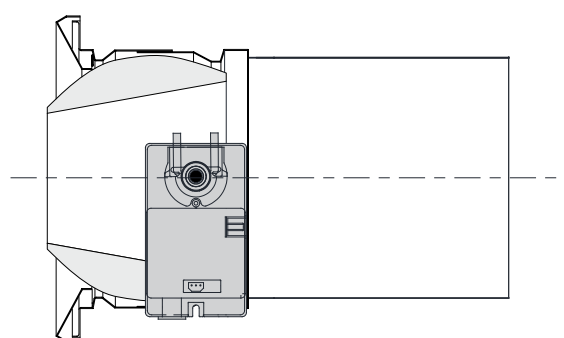
Finish

Powder coating RAL 9010.

Fixing

Fixing directly on duct with frontal screws, with ring heart connection or with flexible hose connection.

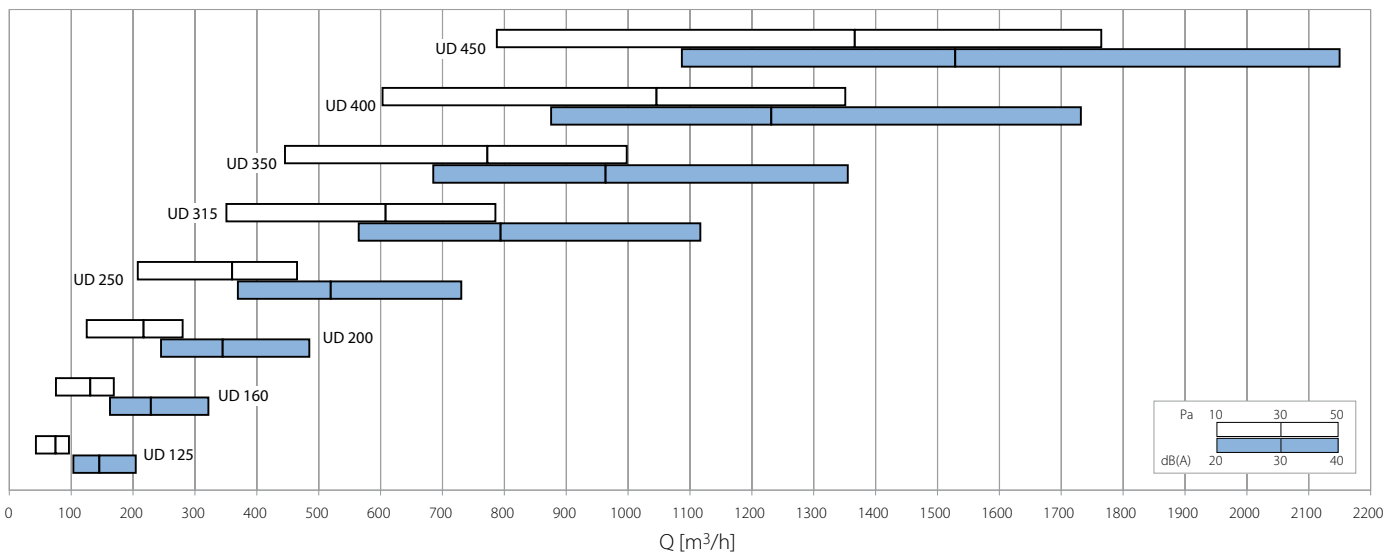
Size [mm]	Ø D1 [mm]	Ø D2 [mm]	Ø D3 [mm]	Ø D4 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]
125	135	123	60	170	67	45	22	105
160	175	158	76	200	80	57	23	125
200	215	199	96	265	115	88	27	165
250	270	248	127	309	142	112	30	175
315	335	313	180	378	168	138	30	225
350	370	348	195	430	238	205	33	255
400	420	398	220	466	207	171	36	283
450	470	448	276	520	274	233	41	295



Selection table

Model	A_k [m ²]	Q [m ³ /h]		L_{WA} [dB(A)]		$x_{(0,25)} - y_{(0,25)}$ [m]		Δp_t [Pa]	
		min	max	min	max	min	max	min	max
UD 125	0,01227	40	100	< 20	< 20	6,7	16,6	10	50
UD 160	0,02011	80	170	< 20	21	9,9	21,0		
UD 200	0,03142	130	280	< 20	24	12,4	26,5		
UD 250	0,04909	210	470	< 20	27	15,3	34,0		
UD 315	0,07793	350	790	< 20	30	19,4	43,4		
UD 350	0,09621	450	1000	< 20	31	21,9	48,4		
UD 400	0,12566	600	1350	< 20	33	24,9	55,7		
UD 450	0,15904	790	1760	< 20	34	28,5	63,1		

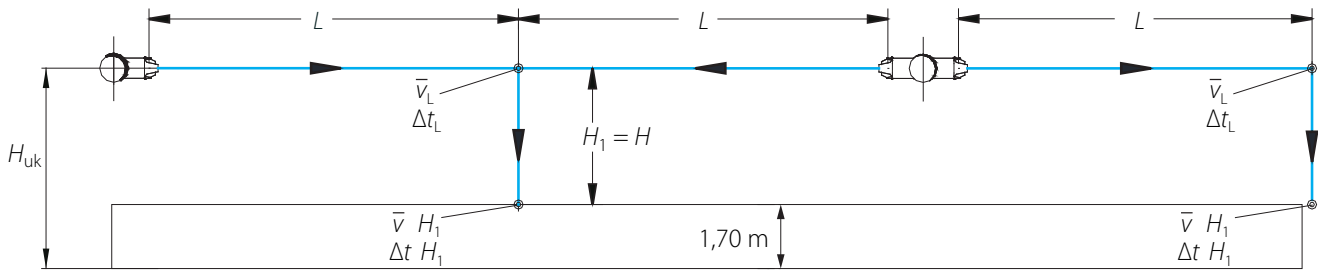
Diagram of selection



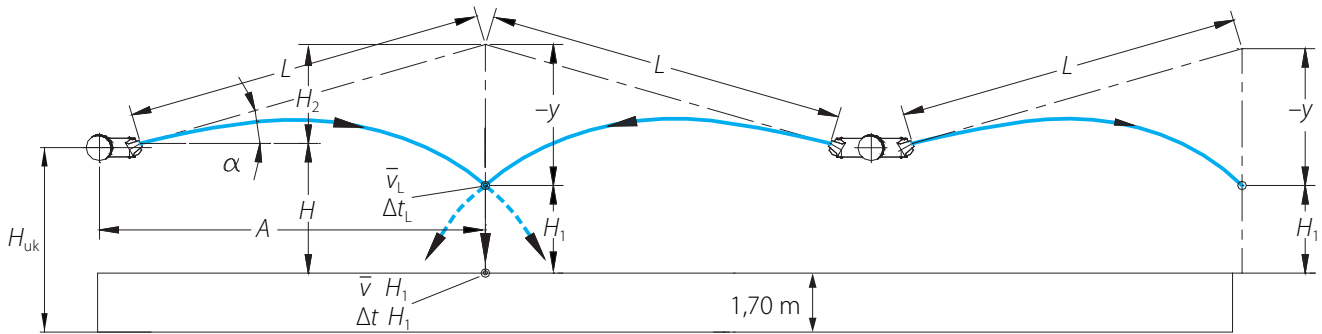
Dimen.	$\varnothing D3$	V [m ³ /s]	V_{ef} [m/s]	L [m]	L_{WA}	v_L [m/s]	V [m ³ /s]	V_{ef} [m/s]	L [m]	L_{WA}	v_L [m/s]	V [m ³ /s]	V_{ef} [m/s]	L [m]	L_{WA}	v_L [m/s]
125	60	61	5,28	10	< 20	0,25	122	10,57	20	27	0,25	180	15,54	30	37	0,25
160	76	83	4,36				166	8,71		< 20		248	13,07		32	
200	96	104	3,17				220	6,66		< 20		306	9,28		25	
250	127	133	2,55				274	5,23		< 20		382	7,30		23	
315	180	180	2,10				353	4,12		< 20		540	6,31		21	
400	220	234	1,56				464	3,10		< 20		702	4,69		< 20	

Dimen.	$\varnothing D3$	V [m ³ /s]	V_{ef} [m/s]	L [m]	L_{WA}	v_L [m/s]	V [m ³ /s]	V_{ef} [m/s]	L [m]	L_{WA}	v_L [m/s]	V [m ³ /s]	V_{ef} [m/s]	L [m]	L_{WA}	v_L [m/s]
125	60	122	10,57	10	27	0,50	245	21,14	20	46	0,50	306	26,42	30	51	0,50
160	76	166	8,71		< 20		331	17,42		39		497	26,13		50	
200	96	220	6,66		< 20		436	13,21		36		355	19,87		47	
250	127	274	5,23		< 20		547	10,46		32		824	15,76		43	
315	180	353	4,12		< 20		702	8,20		27		1055	12,32		39	
400	220	464	3,10		< 20		929	6,21		27		1393	9,31		37	

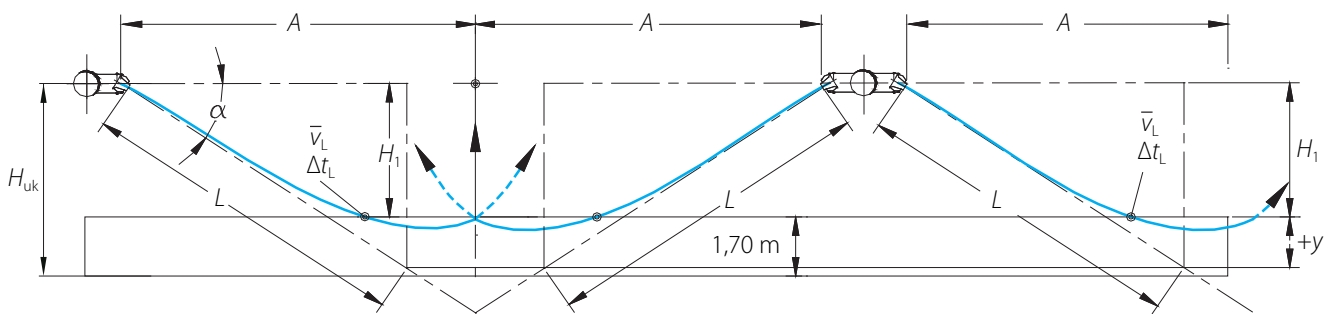
Isotherm



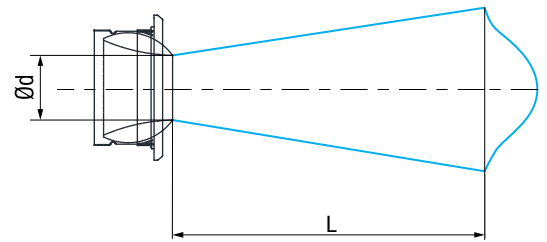
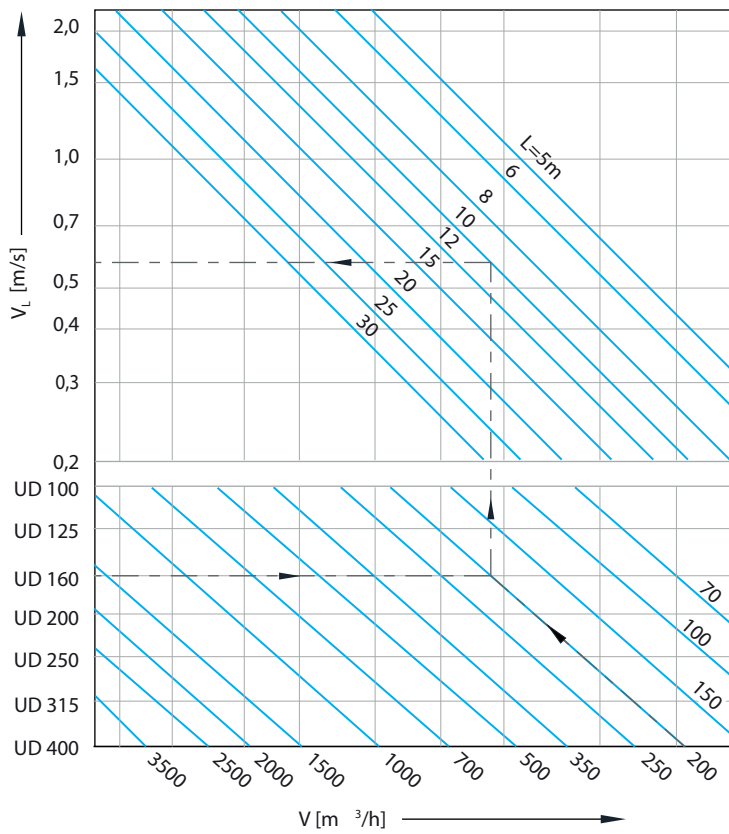
Kühlung



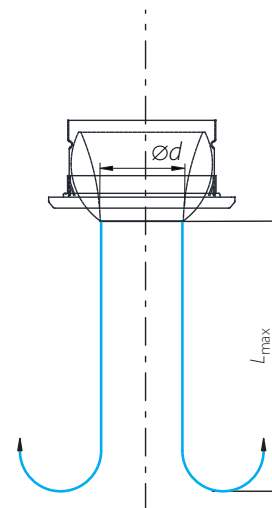
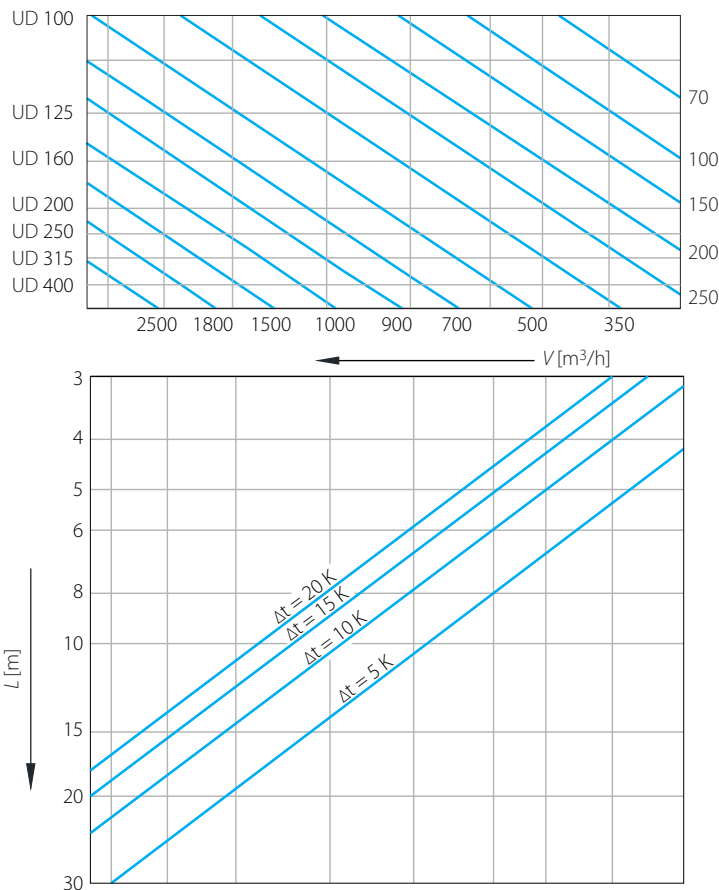
Heizung



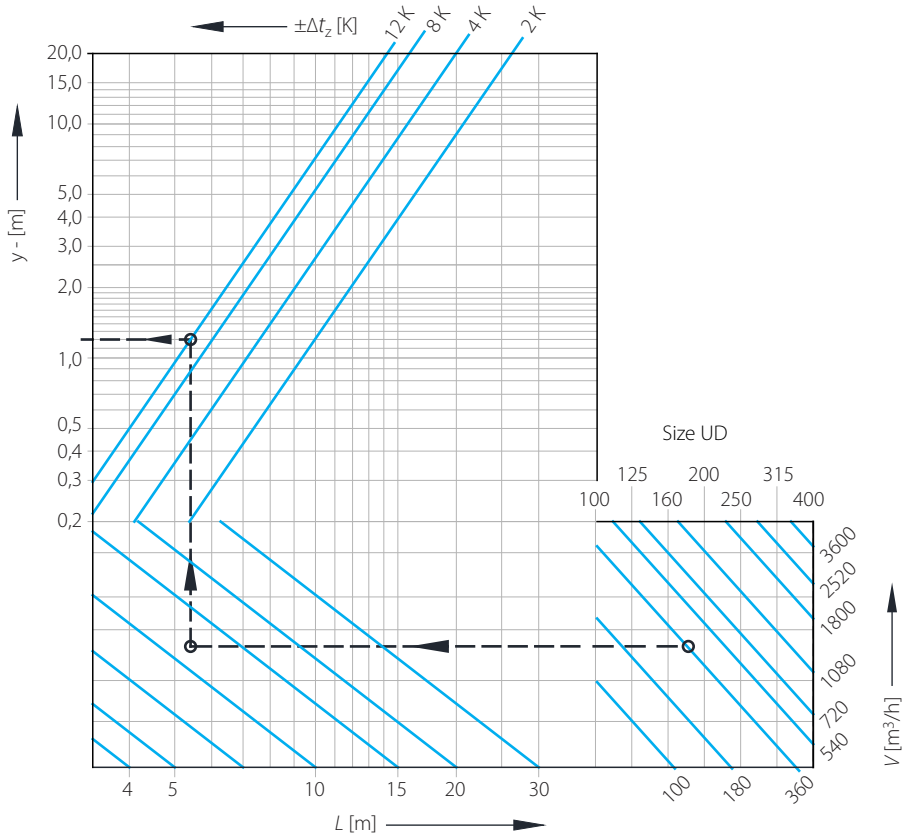
Isotherm-horizontal



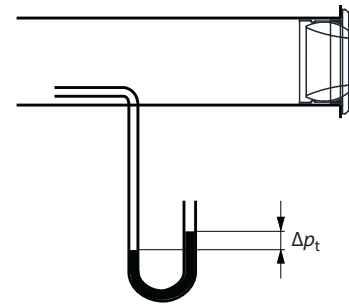
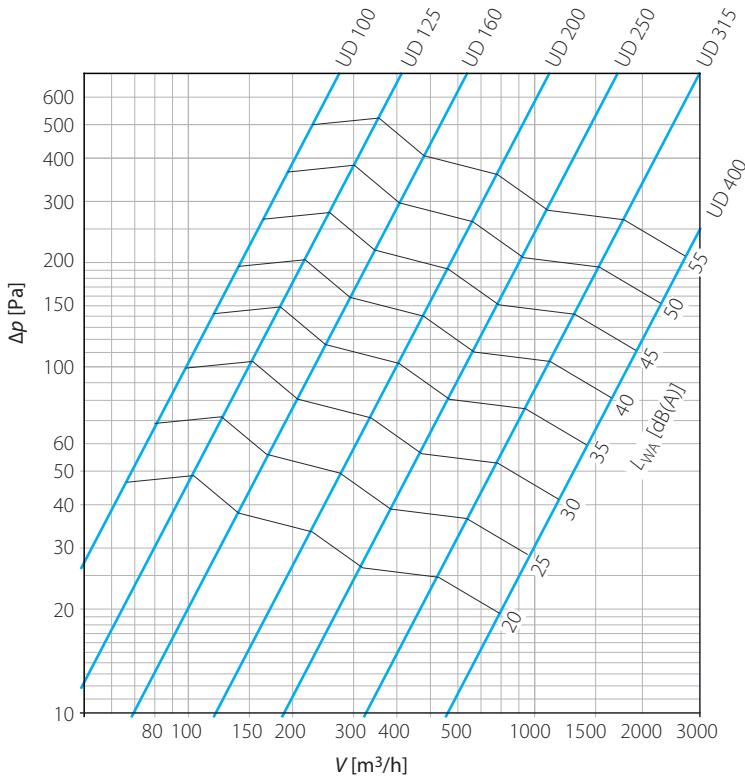
Strahlblenkung



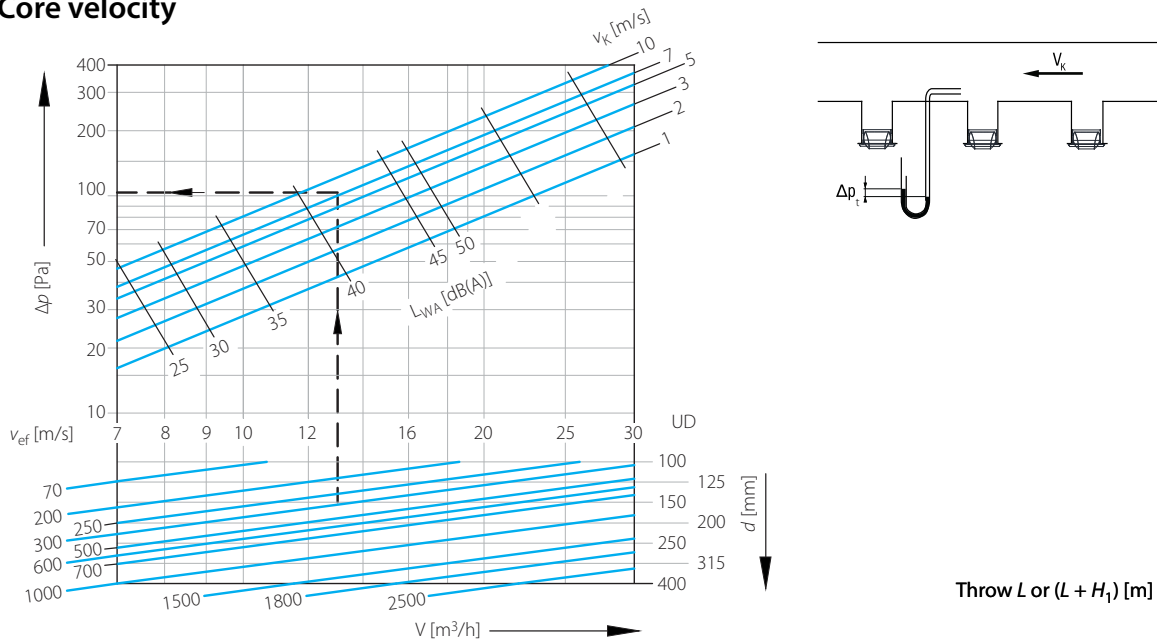
Vertical warm air jet UD



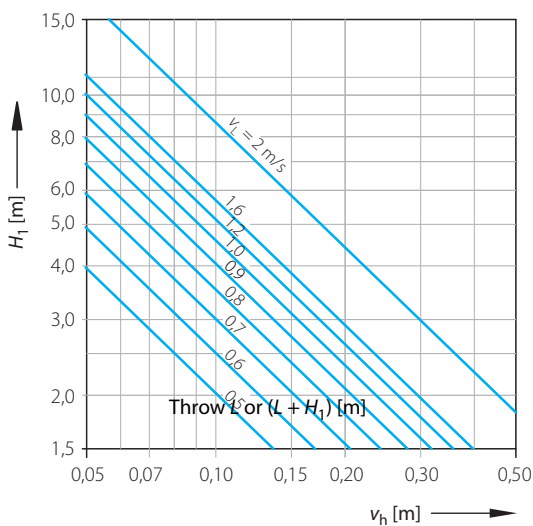
Horizontal non isothermal air jet deflection UD



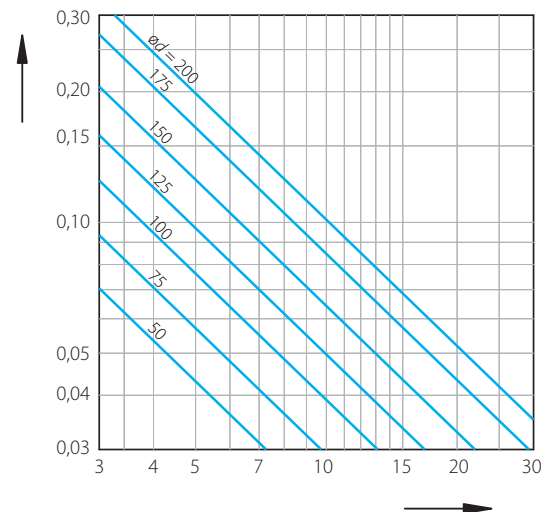
Core velocity



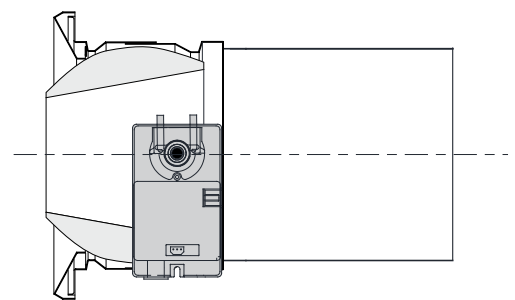
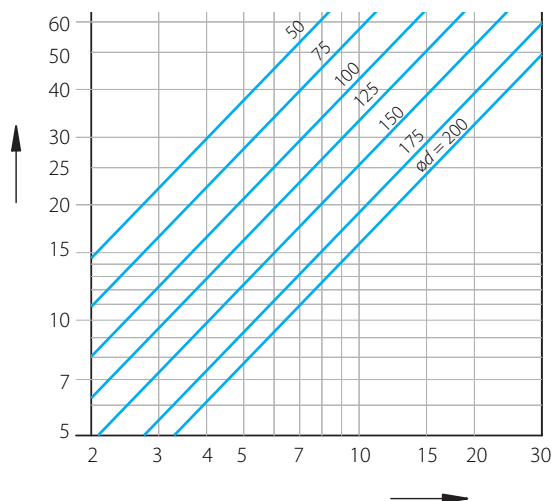
Standard motor drive version



Temperature quotient



Induction



Ordering key

UD / 250 / M

- UD - Manual adjustable
- M - Motorni pogon
- TR - Thermostatic regulation
- Size
- Long-throw nozzles