



## APPLICATION

EAC fans comply with the requirements of ATEX Directive 2014/34/UE, are designed for use in hazard zones excluding mines and mining pits, meets the requirements of group II category 3G - zone 2.  
ATEX Marking: II 3G Ex h IIB T3 Gc.

## CONSTRUCTION

- explosionproof axial fan with direct drive,
- designed for duct mounting in the horizontal position,
- aluminium hub and impeller, dynamically balanced to ISO 1940-1,
- welded sheet steel housing,
- protection ring form aluminium sheet,
- painted in RAL 9005 (corrosivity category C3),
- working temperature range from -20°C to +40°C.

## MOTOR

- explosionproof, asynchronous, three-phase, 230/400V 50Hz or 400/690V 50Hz,
- degree of protection IP5X (depending on the model),
- insulation class F.

## ON REQUEST

- special housing dimensions (length or diameter),
- housing made of galvanized or stainless steel sheet,
- vertical working position,
- different motor voltage and frequency,
- motors adapted for frequency converter,
- motor equipped with sensors.



WWW



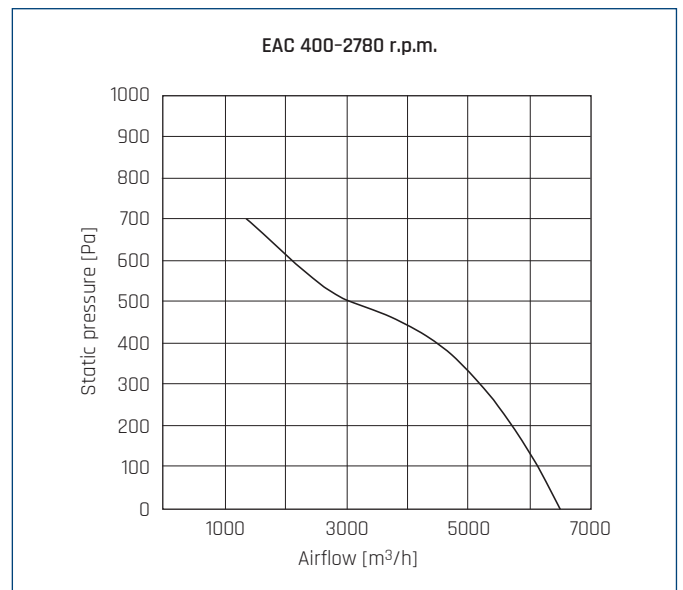
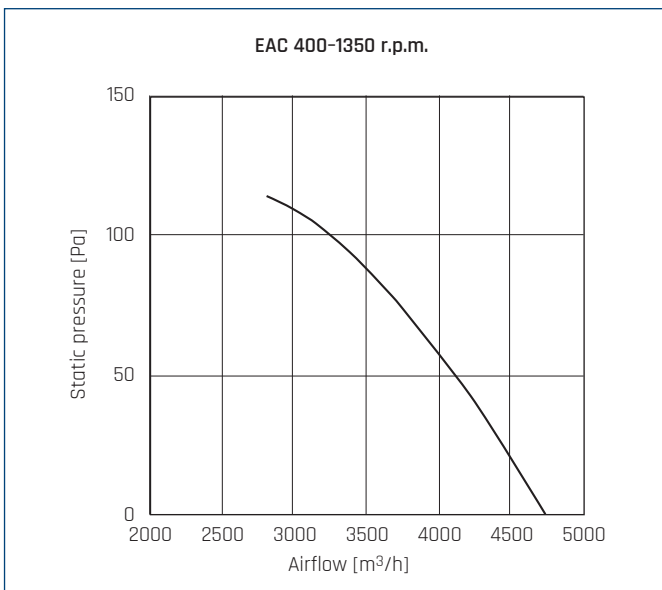
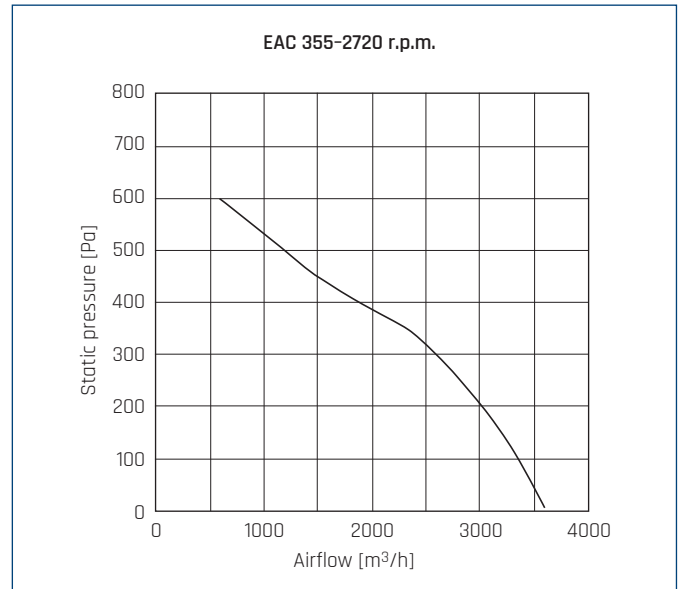
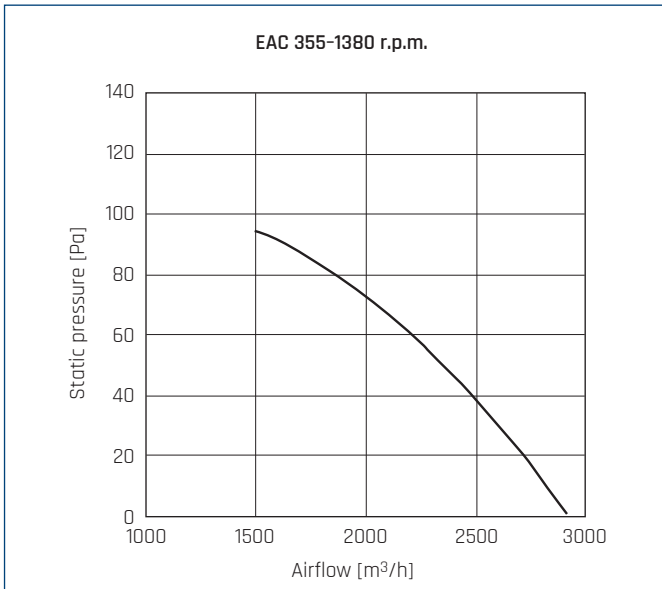
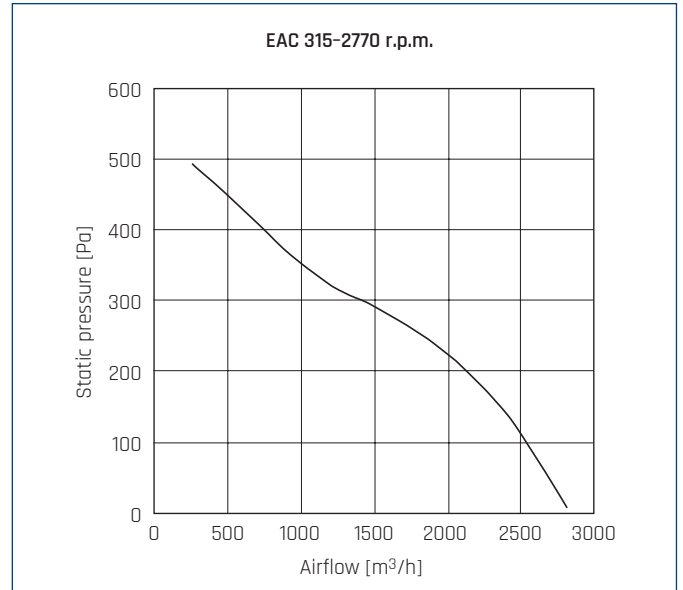
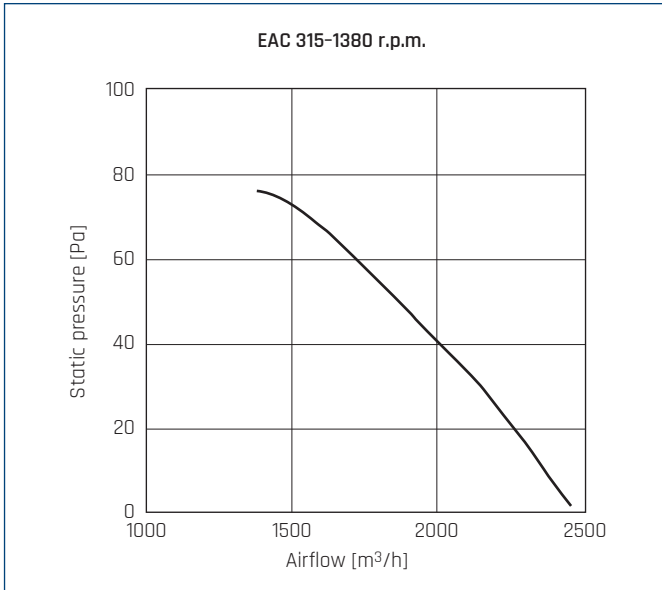
CE

TECHNICAL CHARACTERISTICS

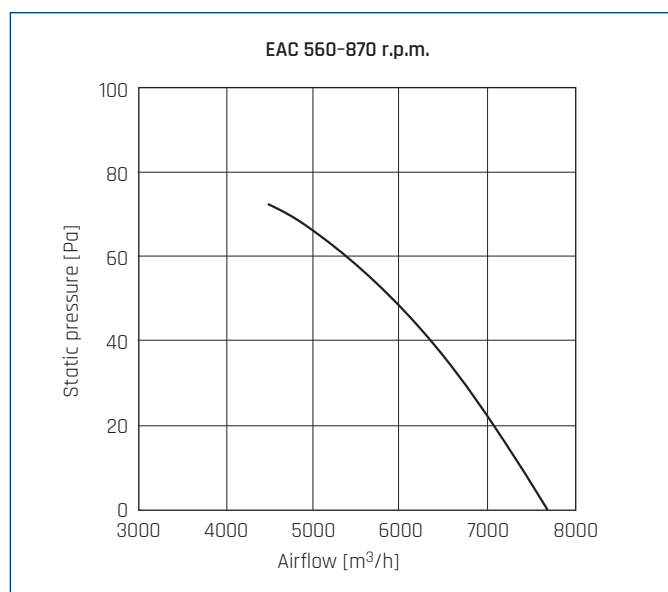
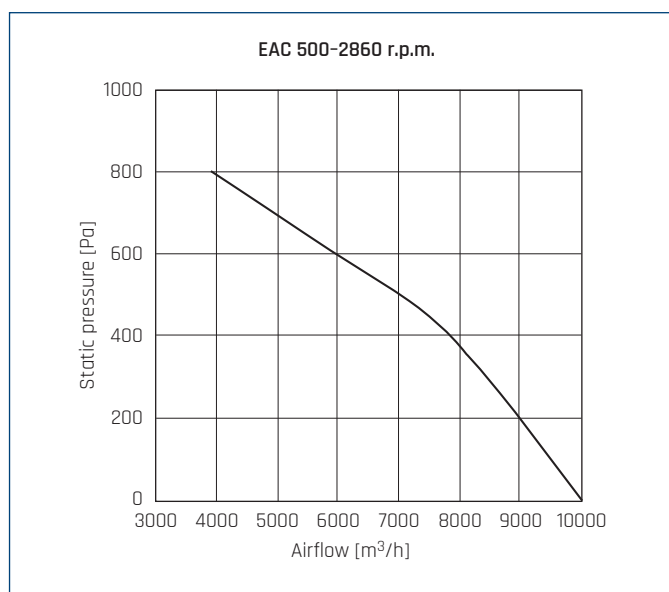
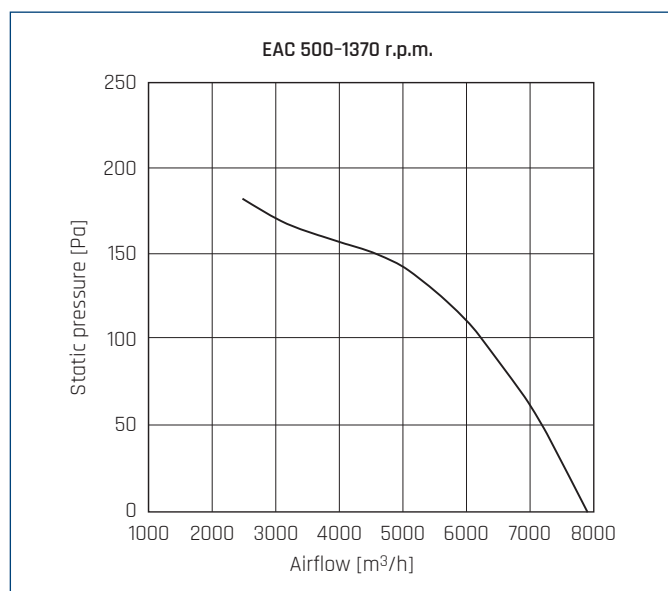
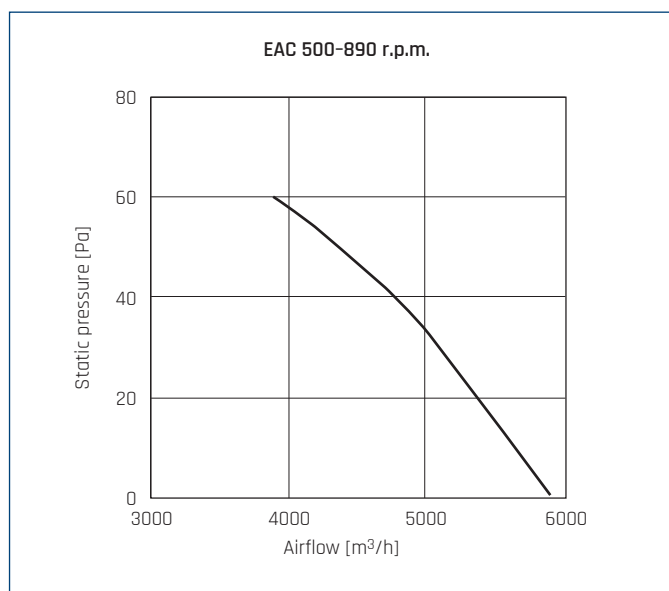
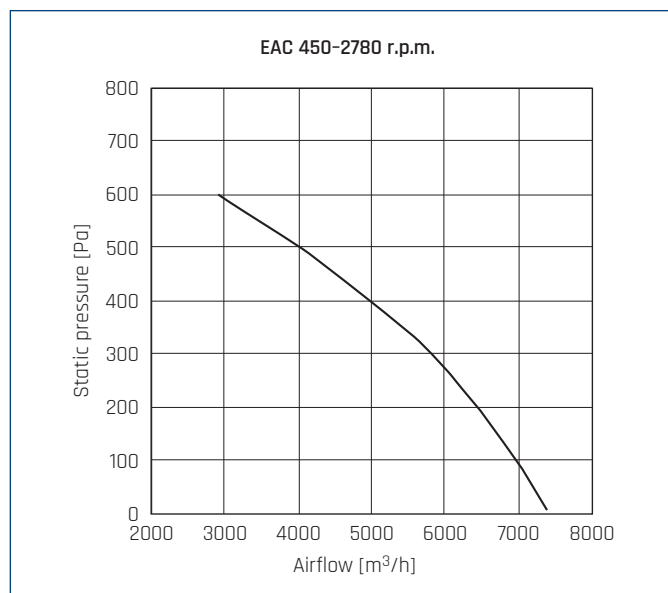
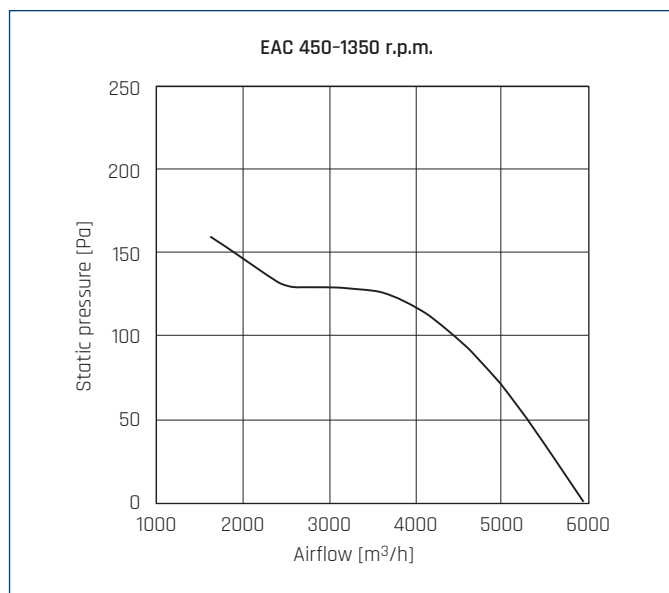
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	[m³/h]	[Pa]	[r.p.m.]	[V]	[A]	[kW]
EAC/2-315-025 x0	2800	500	2770	400	0,7	0,25
EAC/4-315-012 x0	3150	75	1270	400	0,5	0,12
EAC/2-355-055 x0	3600	600	2720	400	1,4	0,55
EAC/4-355-012 x0	2800	95	1380	400	0,5	0,12
EAC/2-400-110 x0	6400	700	2780	400	2,4	1,1
EAC/4-400-025 x0	4700	110	1350	400	0,8	0,25
EAC/2-450-110 x0	7300	600	2780	400	2,4	1,1
EAC/4-450-037 x0	6000	160	1350	400	1,3	0,37
EAC/2-500-220 x0	10000	800	2860	400	4,7	2,2
EAC/2-500-220 x0	10000	800	2870	400	4,5	2,2
EAC/4-500-055 x0	8000	170	1370	400	1,6	0,55
EAC/4-500-075 x0	8600	170	1430	400	1,9	0,75
EAC/6-500-018 x0	5900	50	890	400	0,8	0,18
EAC/2-560-400 x0	14000	1100	2875	400	7,5	4
EAC/2-560-400 x0	14000	1100	2890	400	7,5	4
EAC/4-560-110 x0	12000	200	1405	400	2,7	1,1
EAC/4-560-110 x0	12000	200	1405	400	2,8	1,1
EAC/6-560-025 x0	7700	70	870	400	1	0,25
EAC/2-630-700 x0	22000	1200	2920	400	12,7	7
EAC/2-630-750 x0	22000	1200	2920	400	14	7,5
EAC/4-630-150 x0	14800	250	1415	400	3,7	1,5
EAC/4-630-150 x0	14800	250	1415	400	3,6	1,5
EAC/6-630-037 x0	10200	90	910	400	1,3	0,37
EAC/6-630-037 x0	10200	90	910	400	1,3	0,37
EAC/4-710-400 x0	24000	300	1430	400	8,3	4
EAC/4-710-400 x0	24000	300	1430	400	8,4	4
EAC/6-710-055 x0	12000	120	880	400	1,7	0,55
EAC/6-710-055 x0	12000	120	880	400	1,8	0,55
EAC/8-710-037 x0	11000	40	690	400	1,9	0,37
EAC/4-800-550 x0	32000	400	1445	400	11,1	5,5
EAC/4-800-550 x0	32000	400	1445	400	11,1	5,5
EAC/6-800-150 x0	20000	170	945	400	4,1	1,5
EAC/6-800-150 x0	20000	170	945	400	4,3	1,5
EAC/8-800-075 x0	17500	500	700	400	2,6	0,75
EAC/4-900-750 x0	38000	500	1450	400	14,6	7,5
EAC/4-900-750 x0	38000	500	1450	400	14,8	7,5
EAC/6-900-300 x0	29000	220	945	400	6,8	3
EAC/4-900-300 x0	29000	220	945	400	6,9	3
EAC/8-900-150 x0	25000	120	710	400	5,3	1,5
EAC/4-1000-1100 x0	49000	440	1460	400	21,2	11
EAC/4-1000-1100 x0	49000	440	1460	400	20,5	11
EAC/6-1000-400 x0	38500	200	950	400	8,5	4
EAC/6-1000-400 x0	38500	200	950	400	9,4	4
EAC/8-1000-220 x0	34000	110	710	400	5,7	2,2
EAC/6-1250-1100 x0	59000	400	980	400	22	11
EAC/6-1250-1100 x0	59000	400	980	400	24	11
EAC/8-1250-750 x0	64000	220	720	400	17	7,5

\*-fan casing:  
 KO-short casing  
 DO-long casing

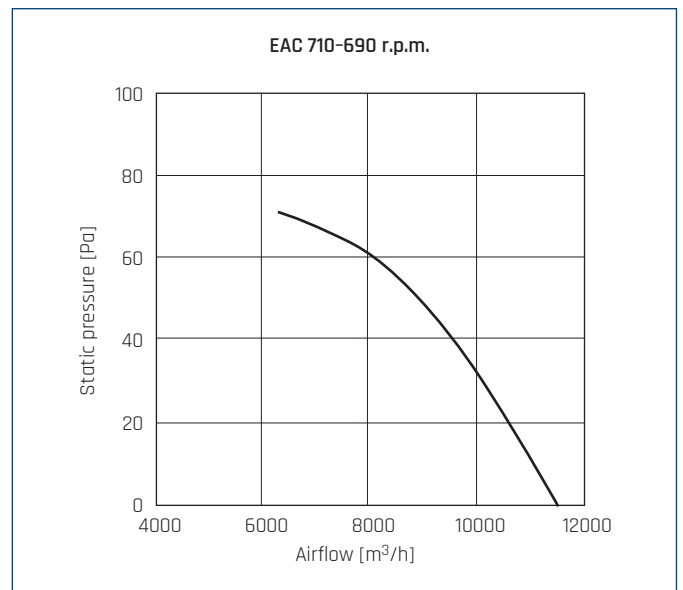
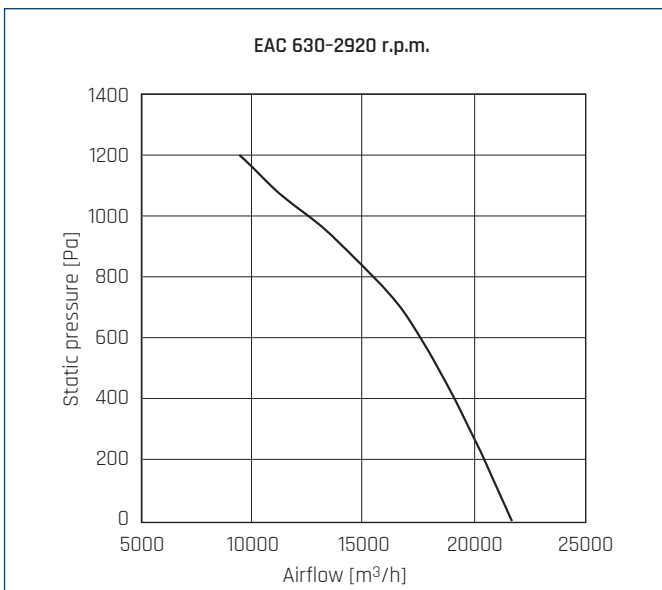
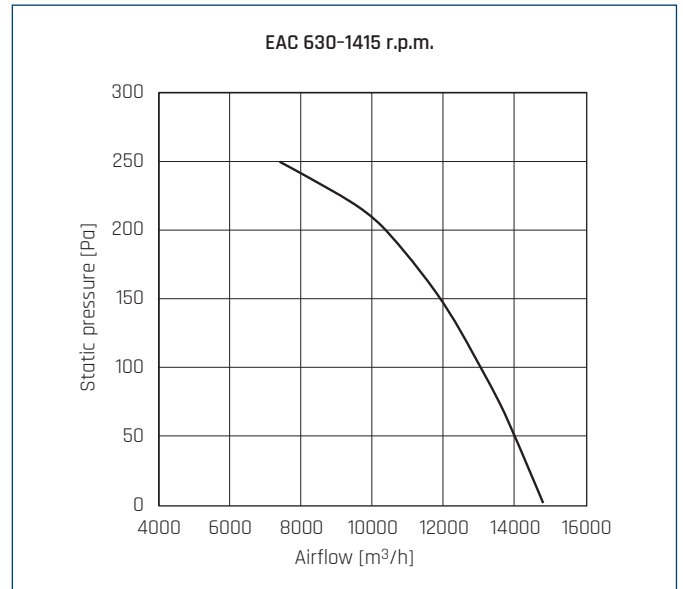
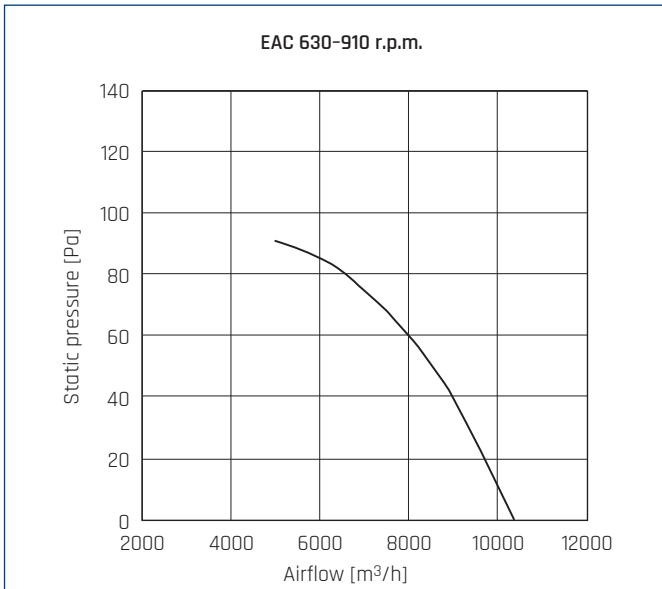
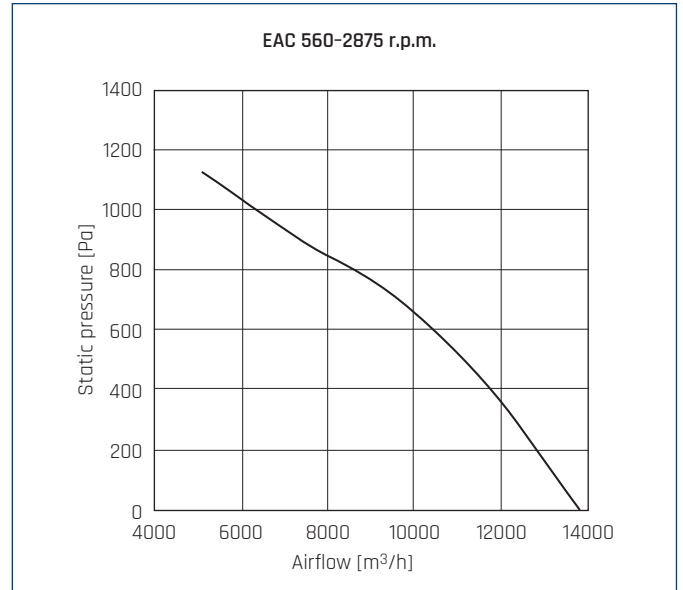
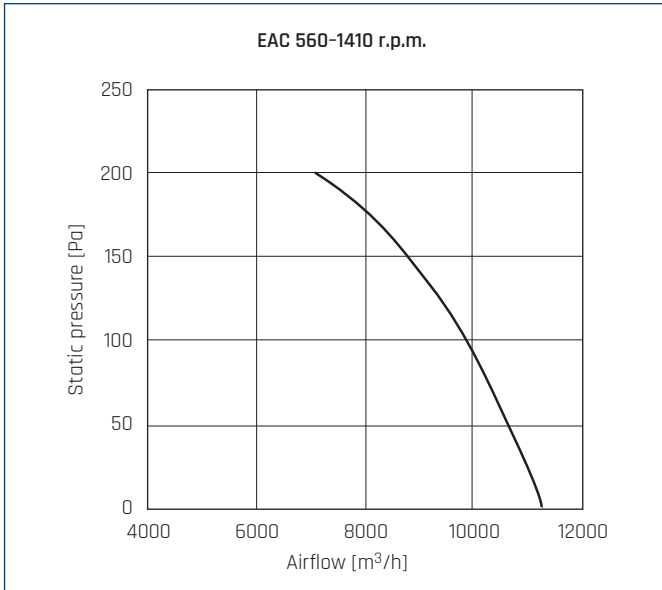
PERFORMANCE CURVES



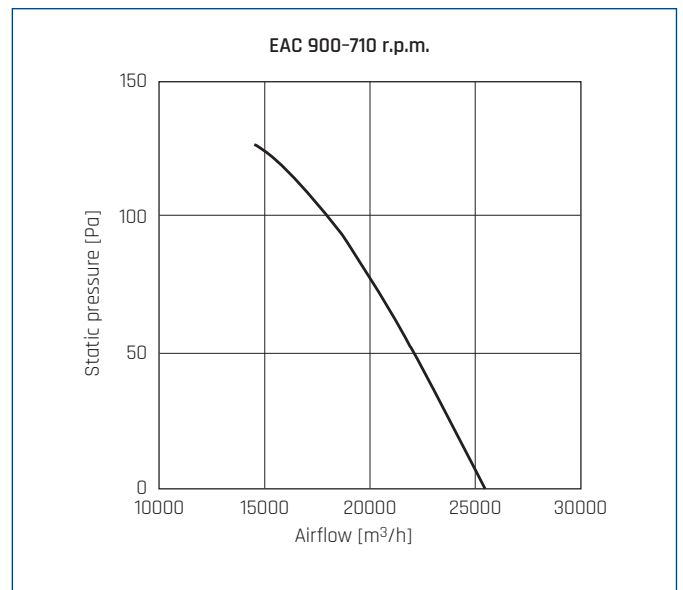
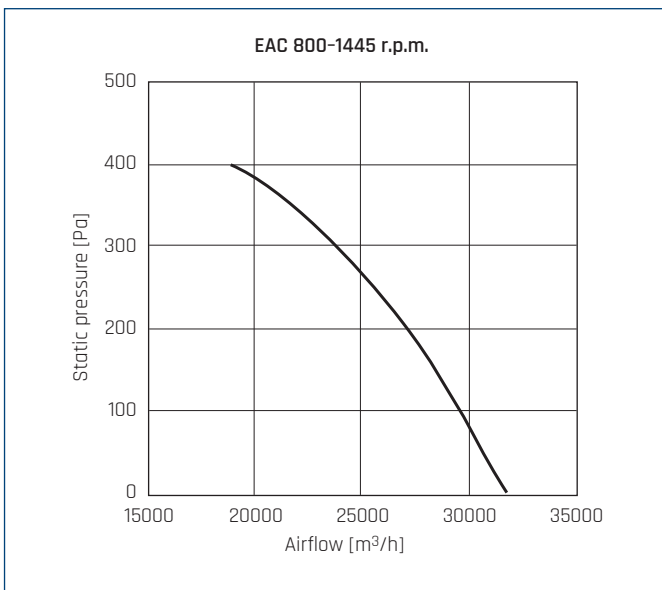
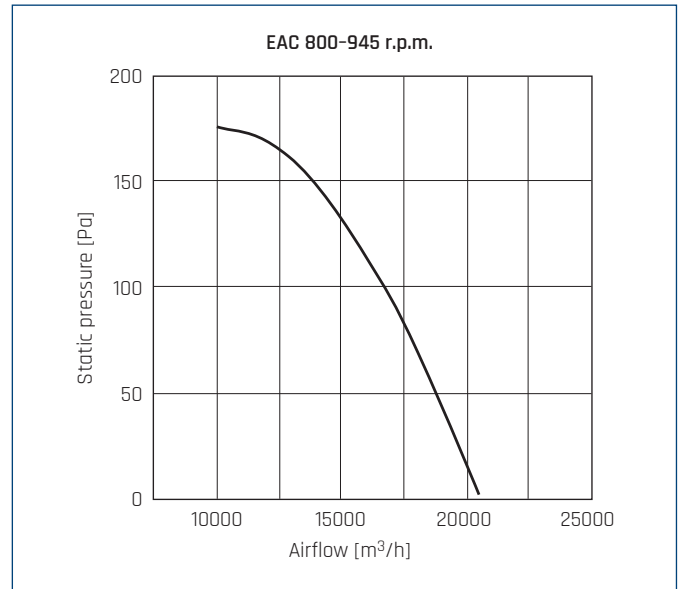
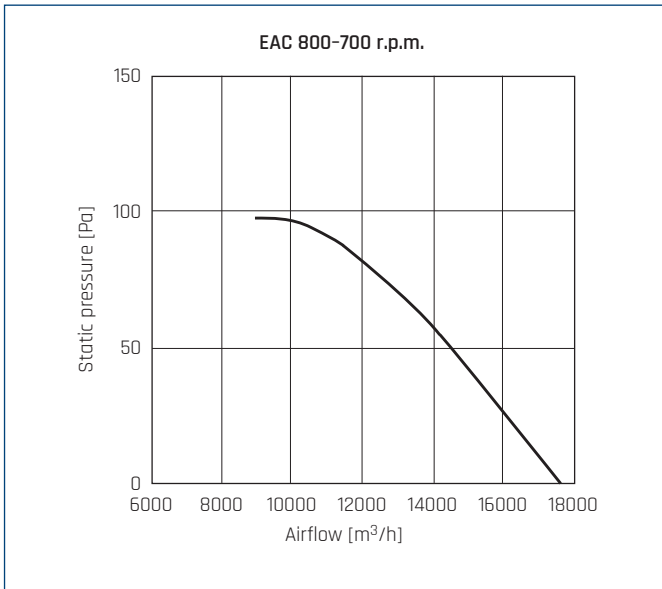
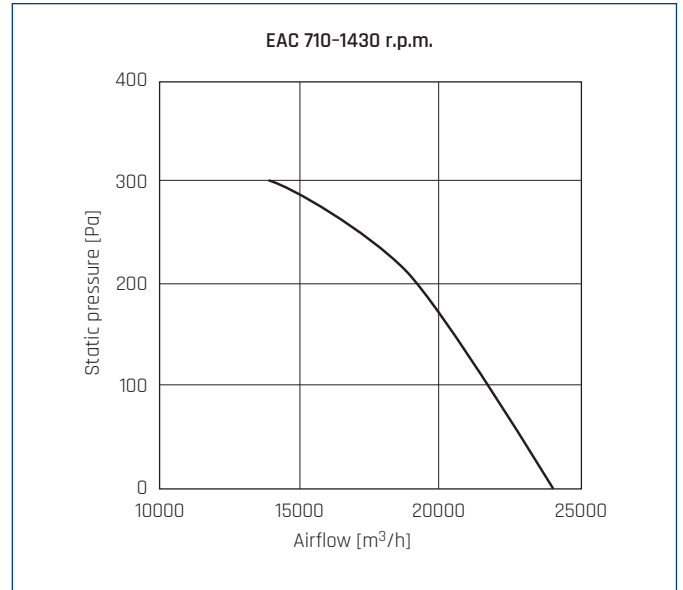
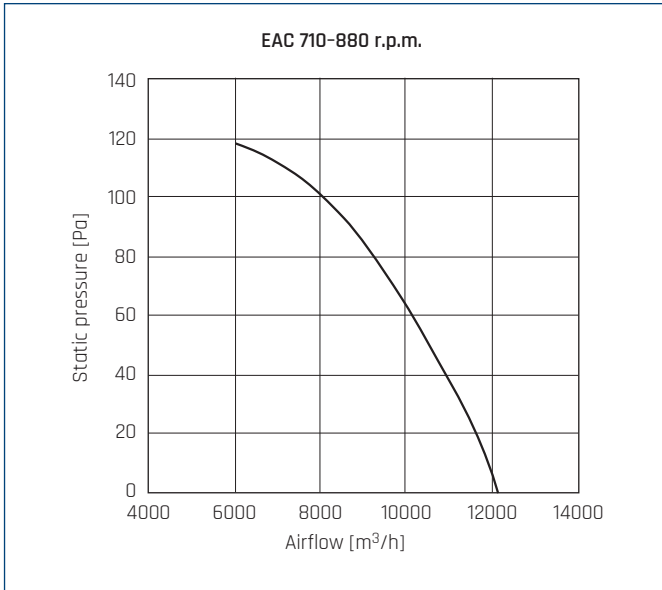
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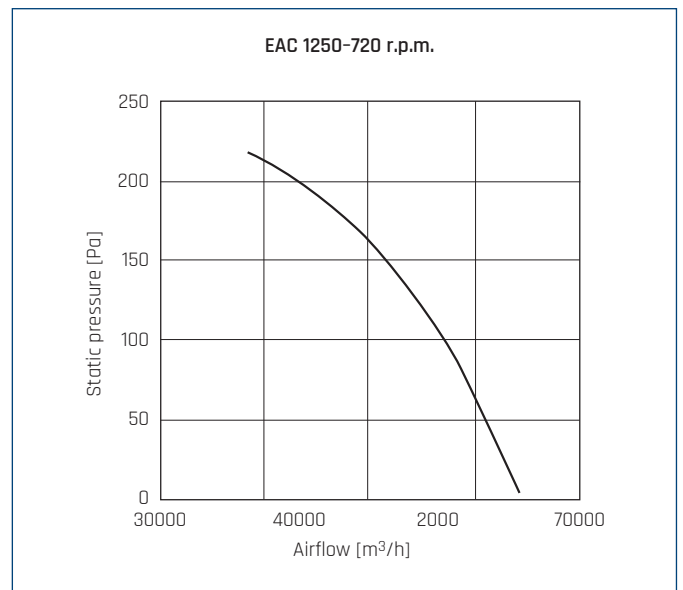
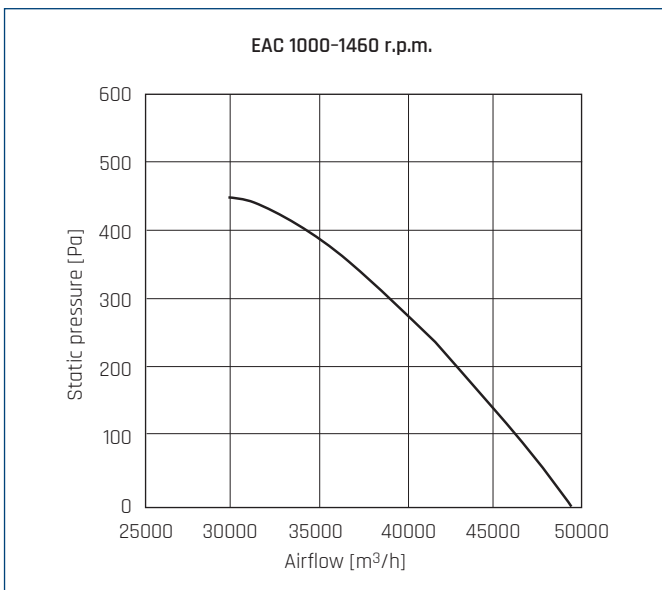
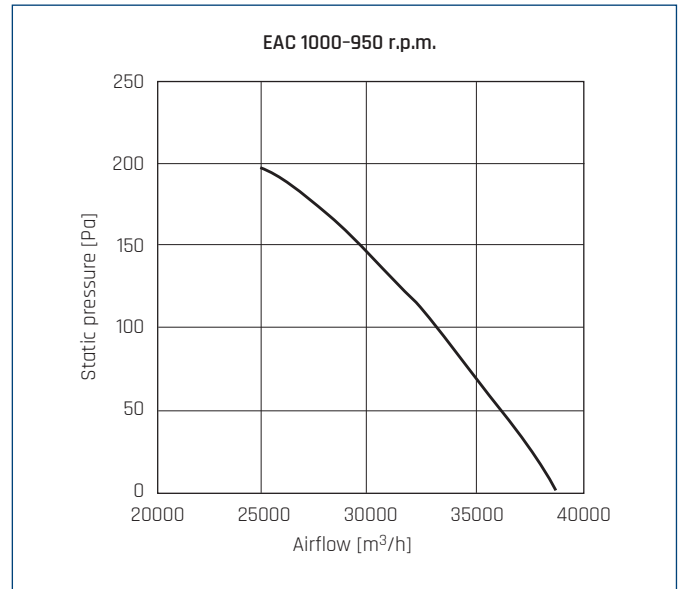
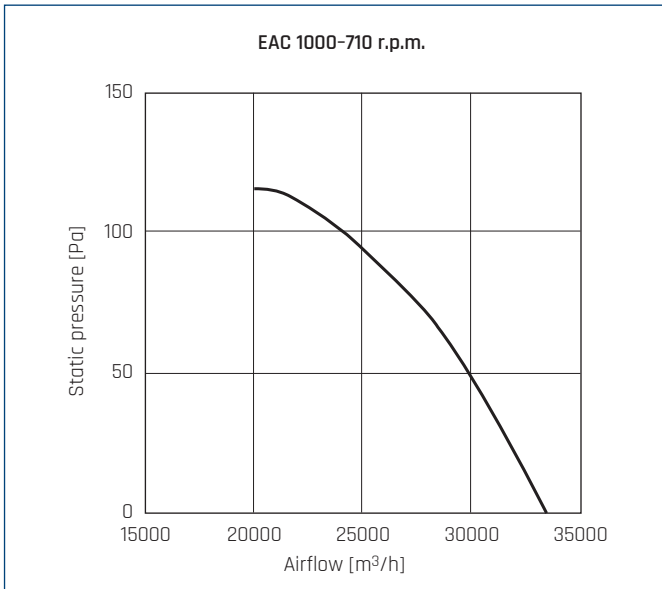
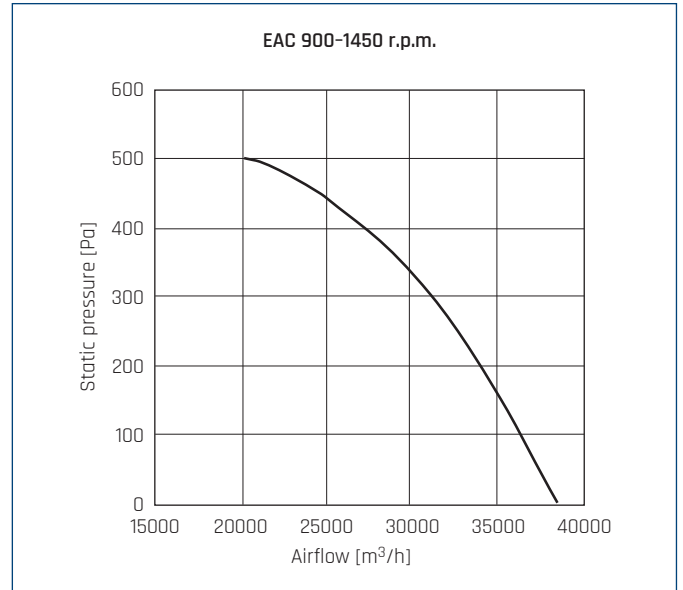
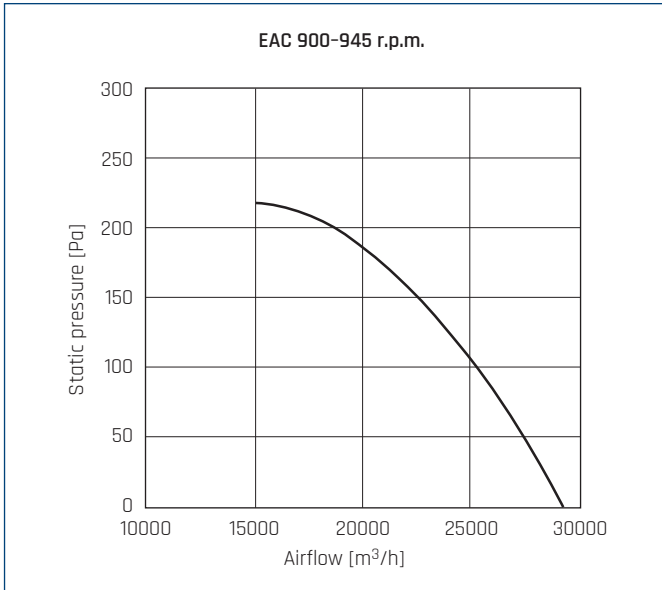
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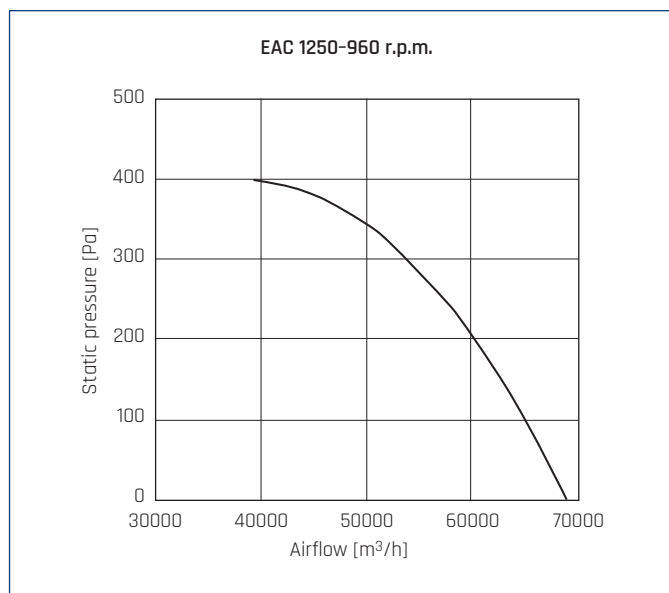
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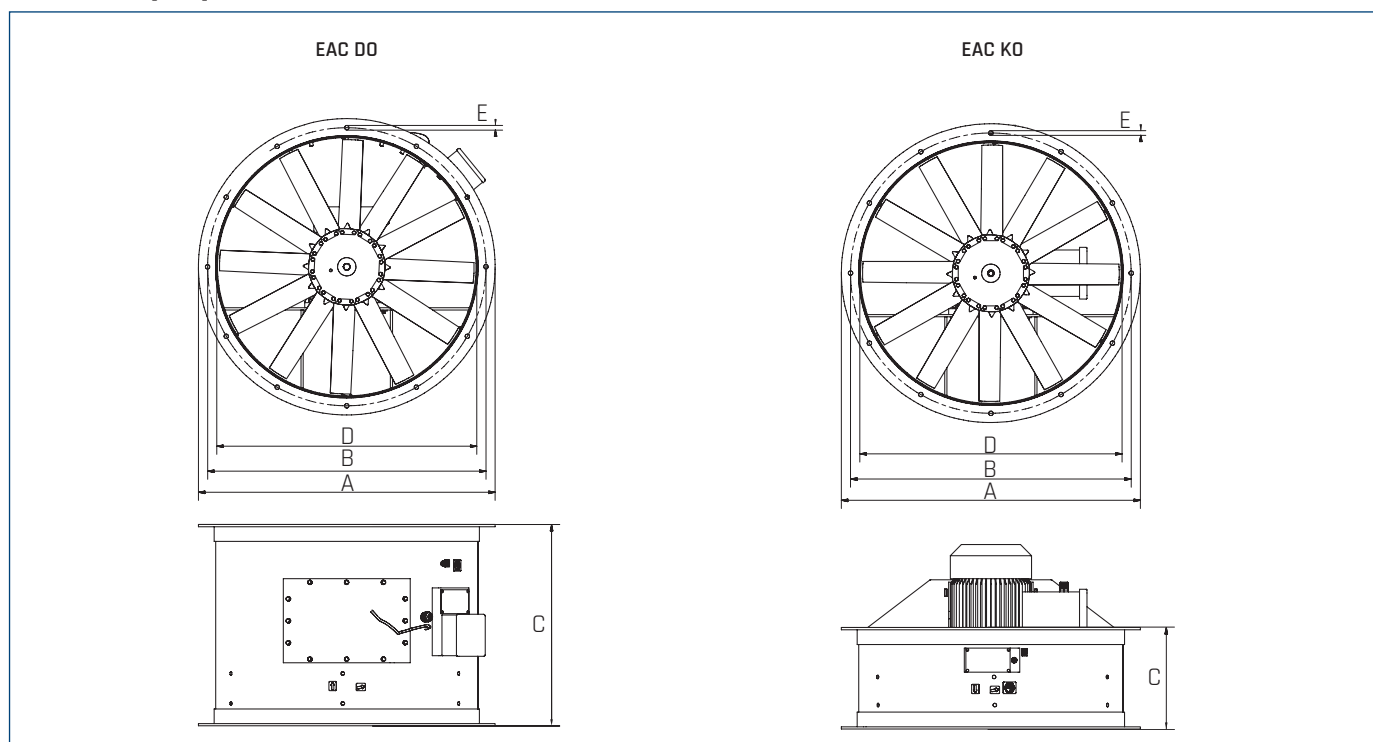
PERFORMANCE CURVES



## PERFORMANCE CURVES



## DIMENSIONS [mm]



Type	A	B	C for KO*	C for DO*	D	E	number of holes
EAC/x-315	375	345	140	360	315	8	8
EAC/x-355	426	395	200	360	355	8	8
EAC/x-400	500	450	250	380	400	10	8
EAC/x-450	550	500	250	380	450	10	8
EAC/x-500	600	550	275	500	500	12	12
EAC/x-560	660	610	275	550	560	12	12
EAC/x-630	736	690	400	800	630	12	12
EAC/x-710	810	760	275	550	710	12	12
EAC/x-800	900	850	400	800	800	12	12
EAC/x-900	1000	950	400	800	900	12	12
EAC/x-1000	1100	1050	430	850	1000	12	12
EAC/x-1250	1350	1310	430	850	1250	12	16

\* KO-short casing, DO-long casing