

AUTO STARTING 3 PHASE TRANSFORMERS

10 kW - 860 kW

A range of three phase, air cooled transformers for motor starting. Available for auto or Korndorffer methods of starting, the transformers are designed to customer requirements.

Maximum input voltage is 660 V and the standard tapping range is 40% minimum to 90% maximum. Ratings shown are to the requirements of BS EN 60947-4-1:2001. The core construction transformers have terminal blocks or screw stud connections for higher currents.

Fixing is by channel brackets with larger sizes having lifting eyes to ease installation. All transformers have a polyester varnish finish, a tropicalised varnish is optional. Temperature sensing devices can be fitted to protect against temperature rise upon request.

A full range of steel enclosures for floor mounting is available for all types, see Data Sheet 408.

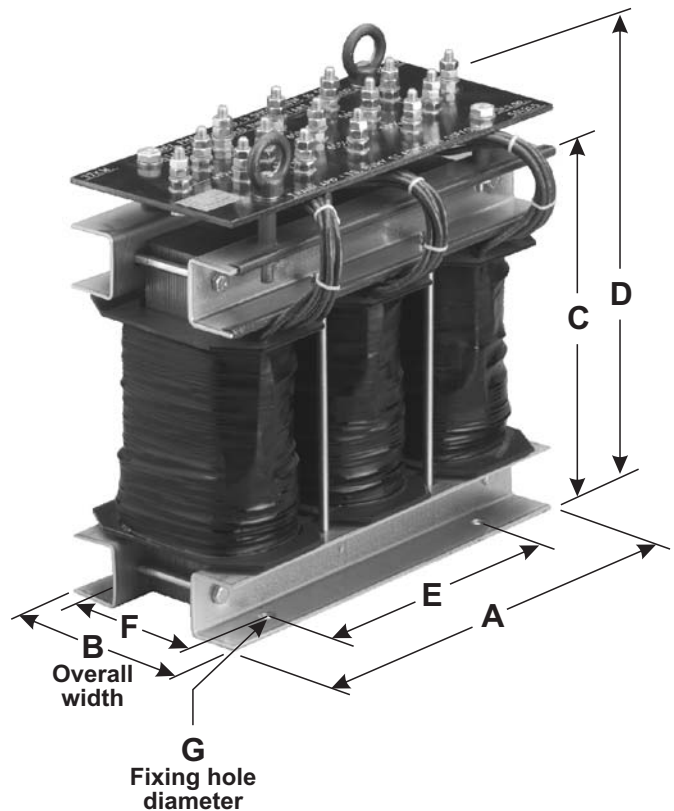
Information Required When Ordering:

Rating of apparatus to be started.

Normal line voltage.

Duty cycle in starts per hour.

Start duration when motor rating above 300 kW.



Dimensions mm

Product Reference	Rating kW			A	B	C	D	E	F	G	Weight kg	Enclosure Reference
	40 S.P.H.	15 S.P.H.	2 S.P.H.									
ATP 1	10	15	45	360	120	250	330	240	75	12	30	HDE 0
ATP 1.5	13	20	60	360	150	250	330	240	95	12	37	HDE 0
ATP 2	15	30	75	360	155	250	330	240	110	12	45	HDE 3
ATP 3	24	45	130	360	155	280	360	240	110	12	55	HDE 3
ATP 4	33	60	150	360	180	280	360	240	135	12	67	HDE 3
ATP 5	42	75	205	420	175	400	470	300	120	12	90	HDE 4
ATP 6	52	93	260	420	195	400	470	300	140	12	120	HDE 4
ATP 7	65	112	298	420	220	400	470	300	164	12	150	HDE 4
ATP 8	71	130	335	420	245	400	470	300	180	12	180	HDE 4
ATP 9	93	205	447	465	240	520	660	360	180	12	210	HDE 5
ATP 10	130	223	573	465	270	520	660	360	210	12	250	HDE 5
ATP 11	186	335	860	465	300	520	660	360	240	12	310	HDE 5

THE ABOVE FIGURES ARE BASED UPON START DURATION OF 20 SECONDS

ATP 1 - 4 TERMINAL BLOCKS WHERE APPROPRIATE, STUDS FITTED FOR HIGHER CURRENTS

ATP 5 - 11 STUD TERMINALS FITTED AS STANDARD

ALL DIMENSIONS ARE NOMINAL AND REFER TO 50/60 Hz ONLY

HIGHER FREQUENCY TRANSFORMERS AVAILABLE. DIMENSIONS ON REQUEST

SINGLE PHASE AUTO AVAILABLE UP TO 300 AMP