

## A77x ENCODER KITS FOR MARATHON MOTORS

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#### ***A772 ENCODER KITS – FITS MARATHON BLACK MAX® MOTORS***

<b>Encoder Kit A772 Contents (for Marathon Black Max Motors)</b>	
<b>Qty</b>	<b>Description</b>
1	Dynapar series HS35R industrial-duty hollow-shaft encoder; PPR: 1024; Bore: 5/8 in; Fixing: 4-1/2 in NEMA C-face tether with cover; Output format: differential ABZ, 5–26VDC in, 5–26VDC out, extended temperature range; Termination: 10-pin+mating; Options: none
1	10-pin MS mating connector
1	Tether kit for NEMA 4.5-in C-face, consisting of: (1) TETHER, HS35R/HSD37 SINGLE POINT; (1) WASHER, SHLDR, INS, 0.38/0.50/0.75 NYLON; (1) WASHER, NYLON, 0.756/0.503/0.06; (2) WSHR, FLT, RND, ST, 3/8 NOM; (3) SCREW, BTN HD, 10-32, 1/4 in, SS; (1) BOLT, HEX HD, 3/8-16, 3/4 in, SS
1	Protective molded encoder cover kit, 56C, consisting of: (1) Molded Basket Cover; (3) BOLT, HEX, 3/8-16 x 3/4 in; (3) WSHR, LCK, #3/8, SPRING LF; (1) “DO NOT LIFT” warning label for cover

#### ***A774 ENCODER KITS – FITS MARATHON BLUE MAX® MOTORS WITH TEFC ENCLOSURES***

<b>Encoder Kit A774 Contents (for Marathon Blue Max TEFC Motors)</b>	
<b>Qty</b>	<b>Description</b>
1	Dynapar series HS35R industrial-duty hollow-shaft encoder; PPR: 1024; Bore: 1 in; Fixing: slotted tether with cover for TEFC motor; Output Format: differential ABZ, 5–26VDC in, 5–26VDC out with extended temp range; Termination: 10-pin+mating; Options: none
1	10-pin MS mating connector
1	Tether kit, slotted, for Blue Max TEFC Motor, consisting of: (1) BOLT, STEP, 1/4-20 x 1-1/4 in; (1) WSHR, SHLDR, 1/4 ID x 3/4 OD; (1) WSHR, FLT, RND, ST, 1/4 NOM; (1) NUT, 1/4-20, HEX FLNG, SERR; (1) BOLT, STEP, 5/16-18 x 1-1/4 in; (1) WSHR, SHLDR, ALT, 0.312 ID; (1) WSHR, FLT, RND, ST, 5/16 NOM; (1) NUT, 5/16-18, HEX FLNG, SERR; (1) BOLT, STEP, 3/8-16 x 1-1/2 in; (1) WSHR, SHLDR, 3/8 ID x 3/4 OD; (2) WSHR, FLT, RND, ST, 3/8 NOM; (1) NUT, 3/8-16, HEX FLNG, SERR; (3) WSHR 0.495/0.809/0.059 NYLON; (3) WSHR, FLT, RND, ST, 1/2 NOM; (3) SCREW, BTN HD, 10-32, 1/4 in, SS
1	Protective molded encoder cover kit, consisting of: (1) Molded Basket Cover; (3) SCREW, 10-24, 3/4, HEX WHD, TYPE F; (3) WSHR, FLAT, #10, 0.25/0.56/0.05, STL; (1) “DO NOT LIFT” warning label for cover

#### ***A775 ENCODER KITS – FITS MARATHON BLUE MAX® MOTORS WITH TEBC ENCLOSURES***

<b>Encoder Kit A775 Contents (for Marathon Blue Max TEBC Motors)</b>	
<b>Qty</b>	<b>Description</b>
1	Dynapar series HSD38 heavy-duty hollow-shaft encoder; PPR: 1024; Bore Size: 1 in (not electrically isolated); Fixing: 4-1/2 in NEMA C-face single-point tether with cover; Format: differential, bidirectional with index (A, A-Not, B, B-Not, Z, Z-Not); Output: 5–26V in, 5–26V differential line driver out; Termination: 18 in (0.5m) cable; Options: internally isolated 1-in bore; Housing: cast aluminum housing
1	Tether kit, HS35, NEMA 4.5-in C-face, consisting of: (1) TETHER, HS35R/HSD37 SINGLE POINT; (1) WASHER, SHLDR, INS, 0.38/0.50/0.75 NYLON; (1) WASHER, NYLON, 0.756/0.503/0.06; (2) WSHR, FLT, RND, ST, 3/8 NOM; (1) BOLT, HEX HD, 3/8-16, 3/4 in, SS; (3) SCREW, BTN HD, 8-32, 3/16, SS

#### ***INSTALLATION PROCEDURE***

The easy installation steps are shown in a Dynapar video which can be viewed on the internet. The video shows the HS35R encoder included in ADC kits A772 and A774, but it is also applicable to the HSD38 encoder included in ADC kit A775.

The installation video can be viewed at: [www.youtube.com/watch?v=i9FWyTOVPcc](http://www.youtube.com/watch?v=i9FWyTOVPcc).