

Motor Ordering Information

O Series (CE(LVD), UL Pending)

The O Series Size 23 Frame motors with A Winding (75VDC) are designed for use with the OEM750 Series, OEM230/330/530 Series, and the SD Series. The O Series Size 23 Frame motors with B Winding (170VDC) are designed for use with ZETA Series, ZETSA-240 Series (@120VAC), S Series, PD Series.

Series O (Octagonal)	Type S=Standard	Frame Size 2=Size 23 (2.5")	No. of Rotor Stacks H=Half stacks 1=1 stack 2=2 stacks	Winding Type A=75VDC winding (Gray painting motors) B=170VDC winding (Black painted motors)	Shaft S=Single D=Double Double shaft req'd for all motors w/encoders	Shaft Modification N=Standard smooth F=Flat (.02" depth) (0.5" length)	Motor Construction/ Hookup FLY=Regular construction with flying (8) leads, 12" L10= Regular construction with 10' LVD cable	Encoder Option Blank=No feedback (no dash required) HJ=512 ppr single-ended kit encoder w/12" flying leads (only available on A winding motors) RE=1000 ppr differential kit encoder w/ line driver & 13" braided shield cable (w/ FLY only) RC=1000 ppr differential kit encoder w/ line driver & 10' cable
-------------------------	--------------------	--------------------------------	---	---	---	--	---	--

O Series Part Number Example:

OS2 _ _ - _ _ _ _ - _ _
 OS2HA-SNFLY
 OS22B-DNL10-RC

R Series (CE (EMC)*, CE(LVD), UL Recognized)

The R Series Size 34 and Size 42 Frame motors are available in a B Winding (170VDC) and a C Winding (340VDC). Motors with the B Winding are recommended for use with the ZETA Series, ZETA240 Series (@120VAC), PD Series, S Series. Motors with the C Winding are recommended for use with the ZETA240 Series (@240VAC).

Series R (Round)	Type S=Standard E=Enhanced (RE 42 only)	Frame Size 3=Size 34 (3.38") 4=Size 42 (4.33")	No. of Rotor Stacks 1=1 stack (34 Frame only) 2=2 stacks 3=3 stacks	Winding Type B=170VDC winding (Black painted motors) C=340VDC winding (Yellow painted motors)	Shaft S=Single D=Double (Double shaft req'd for all motors w/ encoders)	Shaft Modification N=None (34 Frame only) K=Straight Key (Standard on 42 Frame) F=Flat (34 Frame only, 0.02" depth, 0.5" length)	Motor Construction/ Hookup NPS=End bell/terminal board via 1/2" NPS Pipe thread S10=CE (LVD)/UL, 10' cable option for NPS construction, wired @ motor in Parallel. P10=CE (LVD)/UL, 10' cable option for NPS construction, wired @ motor in Series.	Encoder Option Blank=No feedback (No Dash Required) EC=1000 ppr differential encoder with line driver and 10' cable (-E Series)
---------------------	---	--	--	---	---	---	--	---

R Series Part Number Example:

R _ _ _ - _ _ _ _ - _ _
 RS32B-SNS10
 RE42C-SKNPS
 RS42B-DKS10-EC

T Series (CE (EMC)*, CE (LVD), UL Recognized)

The T Series Size 34 and Size 42 Frame motors are available in a B Winding (170VDC). These motors are designed for use with the ZETA Series, ZETA-240 (@120VAC), PD Series, S Series.

Series T (Torque)	Type S=Standard	Frame Size 3=Size 34 (3.38") 4=Size 42 (4.33")	No. of Rotor Stacks 1=1 stack 2=2 stacks 3=3 stacks	Winding Type B=170VDC winding (Black painted motors)	Shaft S=Single D=Double (Double shaft req'd for all motors w/ encoders)	Shaft Modification K=Straight Key (Standard on all T Series Motors)	Motor Construction/ Hookup NPS=End bell/terminal board via 1/2" NPS Pipe thread, no cable S10=CE (LVD)/UL, 10' cable option for NPS construction, wired @ motor in Series P10=CE (LVD)/UL, 10' cable option for NPS construction, wired @ motor in Parallel.	Encoder Option Blank=No feedback (No Dash Required) EC=1000 ppr differential encoder with line driver and 10-ft cable (-E Series)
----------------------	--------------------	--	--	---	---	--	---	---

T Series Part Number Example:

TS _ _ B - _ K _ _ _ - _ _
 TS31B-SKNPS
 TS43B-DKS10

* For CE(EMC) compliance, refer to the ZETA Installation Guide

Drives & Drive/Controllers

Additional Motor Ordering Information, ZETA Series and Options

The ZETA Series NEMA 23 and NEMA 34 motors are 8-lead, standard construction motors. These motors are equipped with 10-foot cables and are compatible with S Series and ZETA Series Drives.

Model	Description
ZETA57-51-MO	NEMA 23 Single-stack Motor
ZETA57-83-MO	NEMA 23 Double-stack Motor
ZETA57-102-MO	NEMA 23 Triple-stack Motor
ZETA83-62-MO	NEMA 34 Single-stack Motor
ZETA83-93-MO	NEMA 34 Double-stack Motor
ZETA83-135-MO	NEMA 34 Triple-stack Motor

ZETA Series Motor Options

Model	Description
-S	Single shaft
-F	Standard flat on front shaft
-K	Standard square keyway on front shaft

Note: The ZETA83 motors can be ordered with the -K option to include a square keyway (3/32" width, 0.8" length). Keyways for ZETA 57 motors must be ordered through Compumotor's Custom Products Group.

ZETA Series: True Innovation In Microstepping Technology. Call 1-800-358-9070 Today.