

## Variable Frequency / Variable Speed Drive Controls

**Variable Frequency, Variable Speed Drives (VFD/VSD)** from *Invertek Drives* reduce energy consumption by controlling and adjusting the speed required to run electric motors in a wide variety of applications.

These controls allow motors to “ramp-up” to required speeds vs. immediate full amp draw that occurs with typical motor starters. Energy savings can be quite substantial as energy bills are normally based on “full load amp draw”. *(Energy saving calculator app is available for most any application).*

**Features:** Rugged design • 1/2 HP to 350 HP • Fast set up and simple to operate • Bluetooth connectivity • Primarily designed for 3 phase applications as shown, but single phase models up to 5 HP are available • Easily switch modes with the touch of a button for industrial, pump or fan applications.

Ideal for use with electric motors on pump systems, conveyors, HVAC systems, process controls, elevators, cranes, machine tools (*IP66 and IP55 are standard with coated heatsink that are rated for food grade applications*).



**IP20**  
No Enclosure



**NEMA 4X** Enclosure

**IP20 (No enclosure) Models** are designed for mounting into existing or new electrical control panels. 240 or 460 volt options shown.

Part No.	HP	Phase	* Voltage	Amps	Enclosure
OD E3-220105-3F42	3	3	200-240V	10.5	None
OD E3-320180-3F42	5	3	200-240V	18	None
OD E3-320240-3F42	7.5	3	200-240V	24	None
OD E3-420300-3F42	10	3	200-240V	30	None
OD E3-420460-3F42	15	3	200-240V	46	None
OD V3-520610-3F12TN	20	3	200-240V	61	None
OD V3-520720-3F12TN	25	3	200-240V	72	None
OD E3-240058-3F42	3	3	380-460V	5.8	None
OD E3-240095-3F42	5	3	380-460V	9.5	None
OD E3-340140-3F42	7.5	3	380-460V	14	None
OD E3-340180-3F42	10	3	380-460V	18	None
OD E3-340240-3F42	15	3	380-460V	24	None
OD E3-440300-3F42	20	3	380-460V	30	None
OD E3-440390-3F42	25	3	380-460V	39	None
OD E3-440460-3F42	30	3	380-460V	46	None

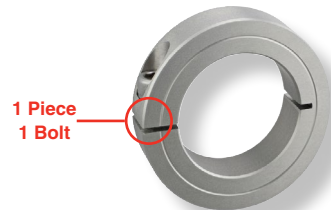
**Nema 4X (IP66) Enclosure Models** are dust-tight and washdown duty rated for **outdoor or indoor use**. 240 or 460 Volt option shown.

**Nema 12 (IP55) Enclosure Models** are dust-tight and watertight, but “not washdown duty rated”. For **indoor use only**. 240 Volt only in this series.

Part No.	HP	Phase	* Voltage	Amps	Enclosure
OD E3-220070-3F4A	2	3	200-240V	7.0	Nema 4X
OD E3-220105-3F4A	3	3	200-240V	10.5	Nema 4X
OD E3-320180-3F4A	5	3	200-240V	18	Nema 4X
OD E3-320240-3F4A	7.5	3	200-240V	24	Nema 4X
OD E3-420300-3F4A	10	3	200-240V	30	Nema 4X
OD E3-420460-3F4A	15	3	200-240V	46	Nema 4X
OD V3-520610-3F12TN	20	3	200-240V	61	Nema 12X
OD V3-520720-3F12TN	25	3	200-240V	72	Nema 12X
OD V3-520900-3F12TN	30	3	200-240V	90	Nema 12X
OD E3-240095-3F4A	5	3	380-460V	9.5	Nema 4X
OD E3-340140-3F4A	7.5	3	380-460V	14	Nema 4X
OD E3-340180-3F4A	10	3	380-460V	18	Nema 4X
OD E3-340240-3F4A	15	3	380-460V	24	Nema 4X
OD E3-440300-3F4A	20	3	380-460V	30	Nema 4X
OD E3-440390-3F4A	25	3	380-460V	39	Nema 4X
OD E3-440460-3F4A	30	3	380-460V	46	Nema 4X

## Collars and Drive Couplings (For Conveyors and Automatics)

**Shaft Collars and Drive Couplings** are common replacement parts for Conveyor and Automatic Car Washes. One-Piece, Two-Piece or Solid design. Available in Zinc-plated or 304 Stainless Steel as shown.



1 Piece  
1 Bolt

### One-Piece, Split Clamp Collars, No Set Screws

Part No.	Bore Size	Material
DR 1SC100Z	1"	Zinc Plated
DR 1SC125Z	1-1/4"	Zinc Plated
DR 1SC150Z	1-1/2"	Zinc Plated
DR 1SSC100	1"	304 SS
DR 1SSC125	1-1/4"	304 SS
DR 1SSC150	1-1/2"	304 SS



2 Piece  
2 Bolts

### Two-Piece, Split Clamp Collars, No Set Screws

Part No.	Bore Size	Material
DR 2SC100Z	1"	Zinc Plated
DR 2SC125Z	1-1/4"	Zinc Plated
DR 2SC150Z	1-1/2"	Zinc Plated
DR 2SSC100	1"	304 SS
DR 2SSC125	1-1/4"	304 SS
DR 2SSC150	1-1/2"	304 SS

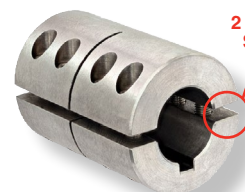


Solid with  
Set Screw

### Solid Shaft Collars, with Set Screws

Part No.	Bore Size	Material
DR SC075	3/4"	Zinc Plated
DR SC087	7/8"	Zinc Plated
DR SC100	1"	Zinc Plated
DR SC150	1-1/2"	Zinc Plated
DR SSC075	3/4"	304 SS
DR SSC087	7/8"	304 SS
DR SSC100	1"	304 SS
DR SSC150	1-1/2"	304 SS

**Two-Piece Split Couplings.** Stainless Steel construction with keyway. Includes bolts but key is not included. (Other sizes and materials available.)



2 Piece  
Split

Part No.	Material	Bore Size	* Key Required	Net Ea.
DR 2SSC100KW	304 SS	1" x 1"	1/4"	\$ 95.00