

Malaysia

DC MOTOR SPEED CONTROLLER - DC590PR SERIES

[✉ Email](#) [🖨 Print](#)[Click for Larger View](#)

DC590PR is a newly developed compact DC motor drive with outputs up to 165A. It has state-of-the-art advanced 32-bit control architecture and a range of interface options. Armature voltage feedback is standard without the need for any interface option.

Select attributes to refine your product search.

DRIVE TYPE:

Select... ▼

INPUT VOLTAGE:

Select... ▼

OUTPUT CURRENT RATING:

Select... ▼

[Reset Attributes](#)



GET A QUOTE

WHERE TO BUY

PRODUCT OVERVIEW

-

TECH SPECIFICATIONS

+

Print Tech Specifications

PERFORMANCE CHARACTERISTICS

BRAND

Parker

PRODUCT TYPE

DC Drive

DRIVE FORMAT

Single Axis Technology

SERIES

DC590PR

INPUT SUPPLY VOLTAGE

3*110-220VAC

3*220-500VAC

CONTINUOUS OUTPUT CURRENT RATING

20-165A

OUTPUT RATING (HP)

1 - 75HP

SUPPORTED MOTOR TYPES

DC Brushed Servo

SUPPORTED FEEDBACK DEVICE

Armature Voltage

Tachometer

Encoder

MODES OF CONTROL

Regenerative
Non-Regenerative
Stack Controller

COMMUNICATION INTERFACE

RS232 / RS485
CANopen
ControlNet
DeviceNet
Profibus
Ethernet TCP/IP
Link Communications
Modbus

OPERATING TEMPERATURE (C)

0 - 45C (frame 1)
0 - 40C (frame 2)

OPERATING TEMPERATURE (F)

32 - 113F (frame 1)
32 - 104F (frame 2)

OPERATING ALTITUDE

Up to 500m ASL (derate > 500m)

OVERLOAD RATINGS

150% for 30s
200% for 10s
(depending on drive output current, refer to manual for details)

CERTIFICATES

CE (EMC & LVD)
Overvoltage Category III
Pollution Degree II
UL Listed
cUL Listed

[Print Tech Specifications](#)

PRODUCT SUPPORT



CONTACT US

PARKER HANNIFIN INDUSTRIAL (M) SDN.BHD.
11, Persiaran Pasak Bumi,
Seksyen U8, Jelutong Ind Park,
40150 Shah Alam, Selangor
Malaysia

Phone
+60 3 7849 0800

Fax
+60 3 7842 4349



EMAIL PARKER

Parker Hannifin



Products

About Parker

Investors

Community

Careers

Global Operations



Divisions

Sales Companies

Worldwide Locations

Distribution Network

ParkerStore™ Network

Company Information



Newsroom

Event Calendar

Working with Parker

Product Brands

History

Global Support Center



Support

CAD

Where to Buy

Contact Parker

ENGINEERING YOUR SUCCESS.

[SITE MAP](#) | [SAFETY](#) | [PRIVACY POLICIES](#)

[TERMS AND CONDITIONS](#)

© PARKER HANNIFIN CORP 2017