



Prototype or **last minute** order?
Serve your customer
in 5 to 15 business days!



“Opportunity” sale?

Prototype or last minute order?

Your Poclain Hydraulics motors in 5 to 15 business days!

Poclain Hydraulics is completing its PHast program with most of the MS range. Our commitment: Ship your order from five to fifteen business days depending on the motor. We are confident it will enable you to generate more business, especially through opportunity sales and rapid prototyping.

Which components are included in PHast ?

- Wheel motors only for the entire MS range (MS02, MS35 to MS125: NEW!)
- Single and two-speed
- Braked and non-braked
- For maximum versatility, all the motors will have the following standard options:
 - ▶ additional drain port
 - ▶ pre-disposition for speed sensor
 - ▶ high pressure shaft seal
 - ▶ heat-treated shaft,
 - ▶ “butterfly” valving (higher RPM)

What is the delivery time?

MS02 → MSE18, CDM222

5 business shipping days

MS35 → MS125

15 business shipping days

What are the terms and conditions of PHast ?

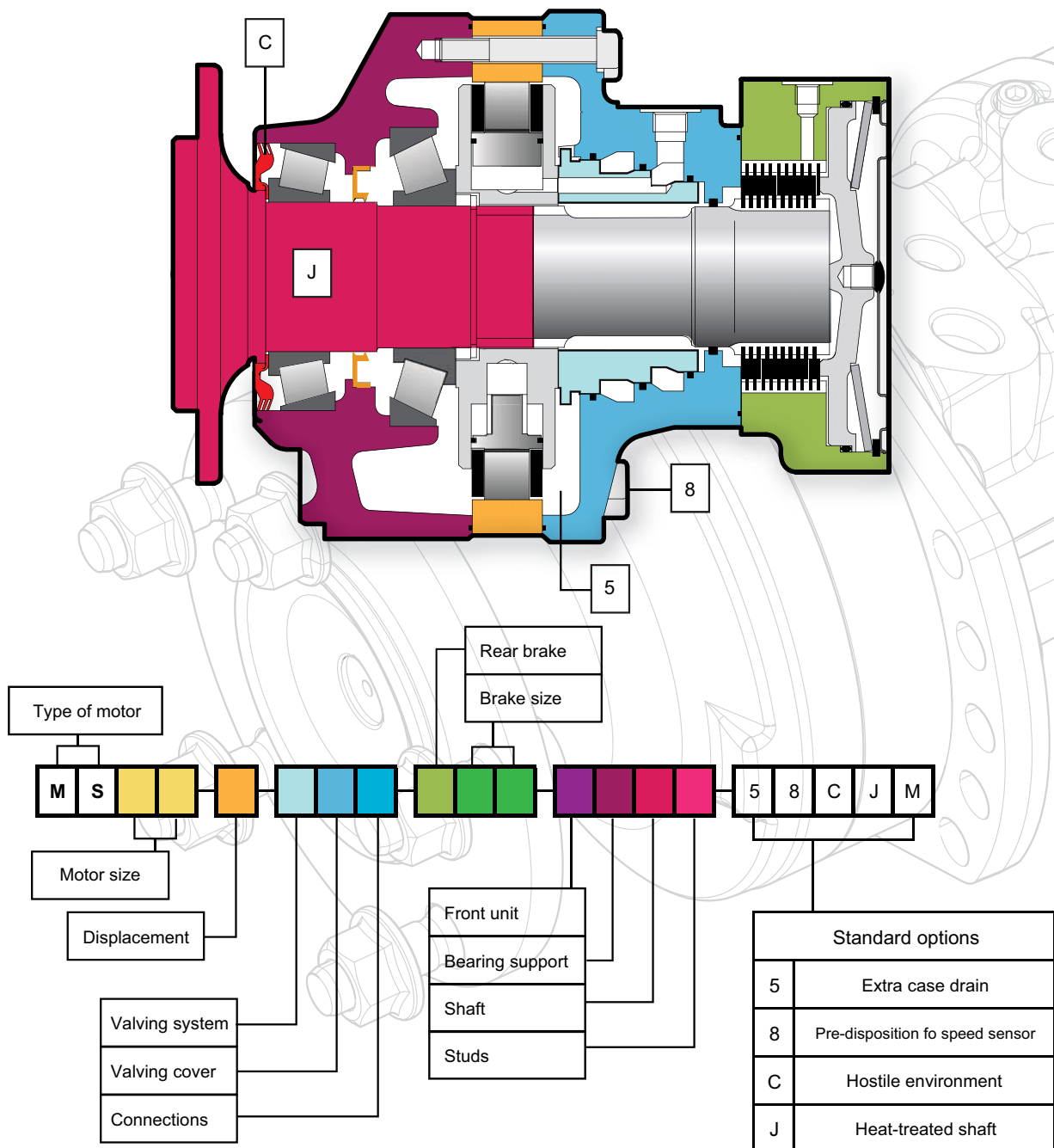
- Prices are net, no quantity discounts
- Limit of up to **four** PHast motors, per part number, per order (two for CDM222)
- No cancellation allowed
- Only motors of the exact configuration shown on the PHast price list are available for this service – no changes or substitutions are allowed

**Please call your normal Poclain Hydraulics contact for more details
or to place your orders.**

Tel: (262) 321-0676 ext. 396
or **phast@poclain-hydraulics.com**

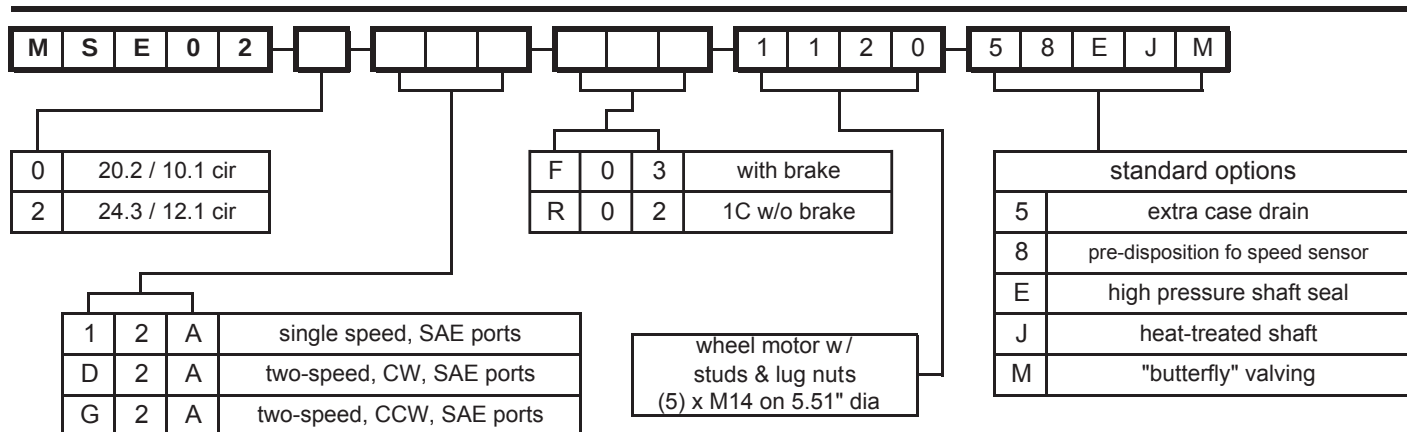
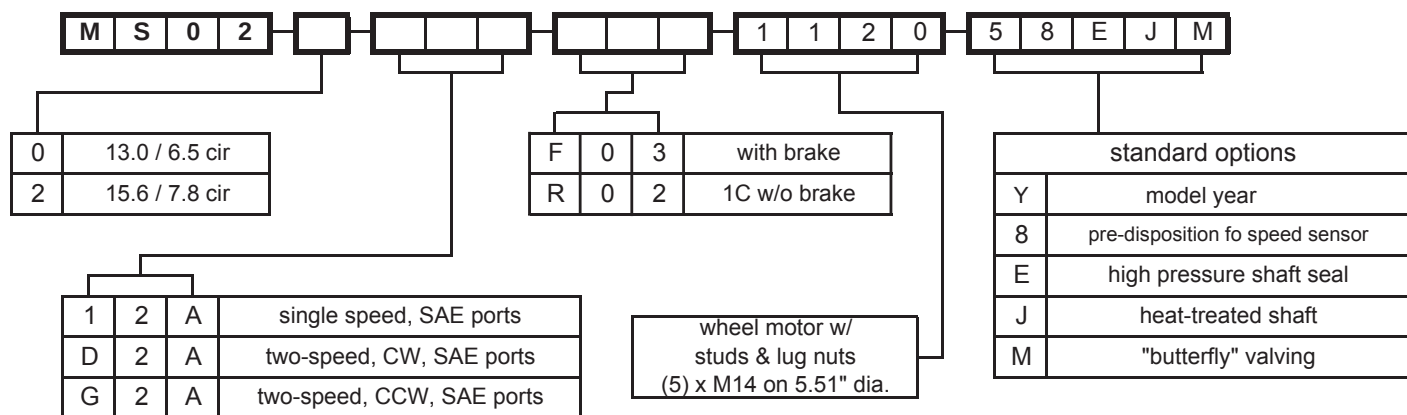
How to order?

You will find in the following pages how to order your MS motor, but to remind you the main principles of our modular motor...



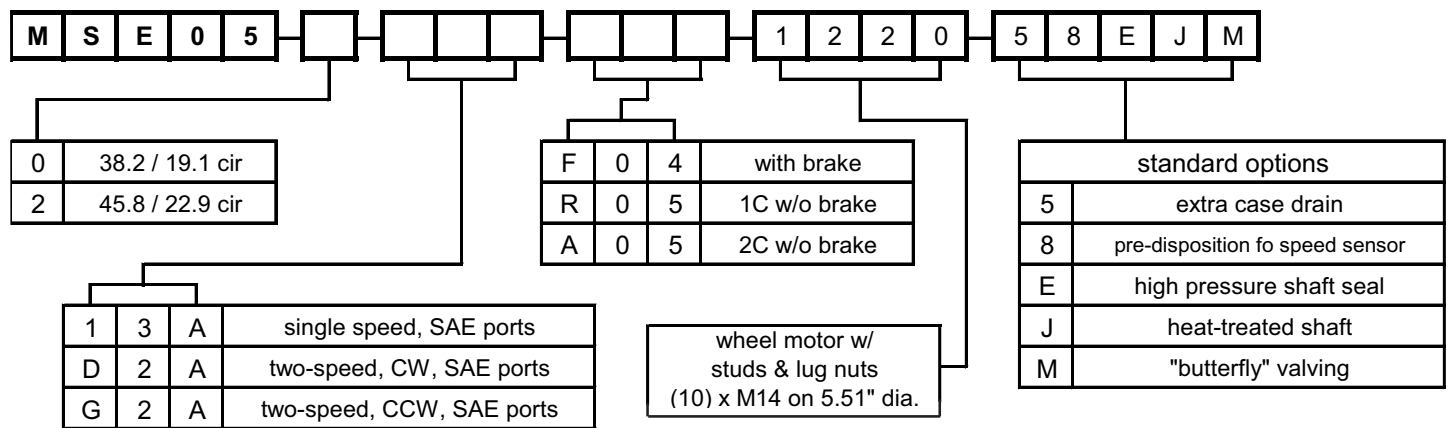
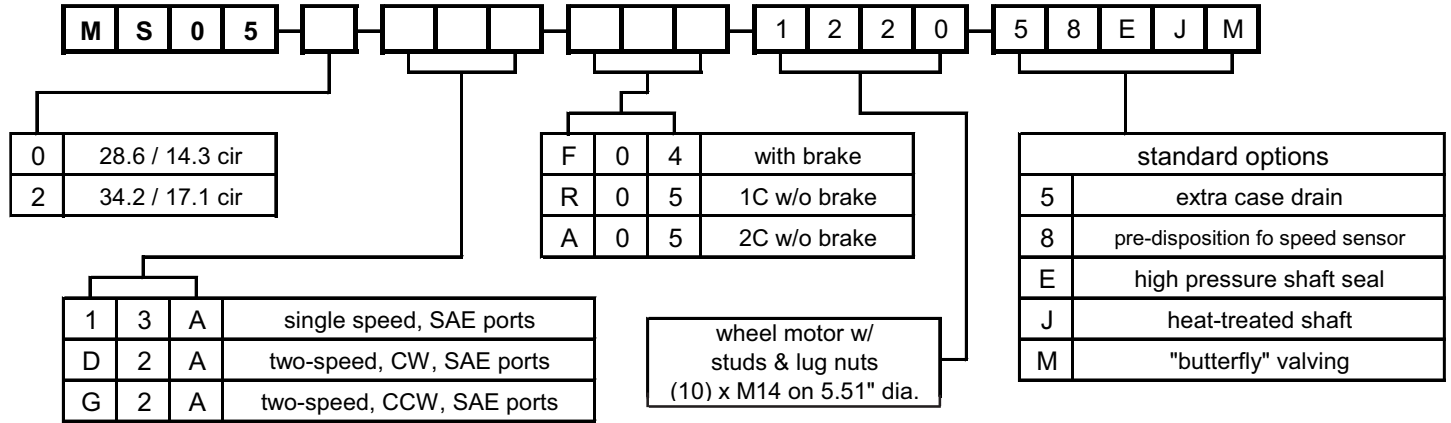


MS02-MSE02



Commercial Code	Part number
MS02-0-12A-F03-1120-Y58JM	A31792G
MS02-0-12A-R02-1120-Y58JM	A31771J
MS02-0-D2A-R02-1120-Y58JM	A31814F
MS02-0-D2A-F03-1120-Y58JM	A31800Q
MS02-0-G2A-R02-1120-Y58JM	A31816H
MS02-0-G2A-F03-1120-Y58JM	A31802S
MS02-2-12A-F03-1120-Y58JM	A31793H
MS02-2-12A-R02-1120-Y58JM	A31772K
MS02-2-D2A-R02-1120-Y58JM	A31815G
MS02-2-D2A-F03-1120-Y58JM	A31801R
MS02-2-G2A-R02-1120-Y58JM	A31817J
MS02-2-G2A-F03-1120-Y58JM	A31803T

Commercial Code	Part number
MSE02-0-12A-F03-1120-Y58JM	A31790E
MSE02-0-12A-R02-1120-Y58JM	A31769G
MSE02-0-D2A-R02-1120-Y58JM	A31810B
MSE02-0-D2A-F03-1120-Y58JM	A31796L
MSE02-0-G2A-R02-1120-Y58JM	A31812D
MSE02-0-G2A-F03-1120-Y58JM	A31798N
MSE02-2-12A-F03-1120-Y58JM	A31791F
MSE02-2-12A-R02-1120-Y58JM	A31770H
MSE02-2-D2A-R02-1120-Y58JM	A31811C
MSE02-2-D2A-F03-1120-Y58JM	A31797M
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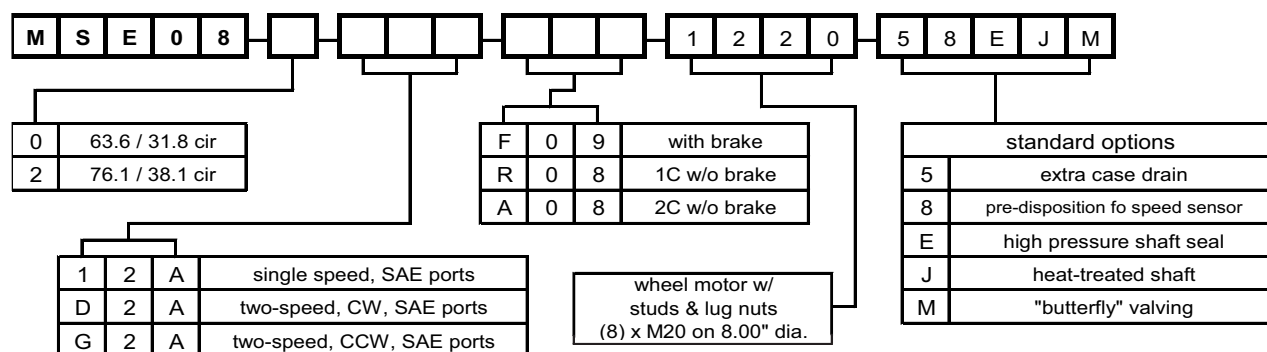


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MS05-2-D2A-F04-1220-58EJM	A27640T
MS05-0-D2A-A05-1220-58EJM	A27641U
MS05-2-D2A-A05-1220-58EJM	A27642V
MS05-0-G2A-F04-1220-58EJM	A27643W
MS05-2-G2A-F04-1220-58EJM	A27644X
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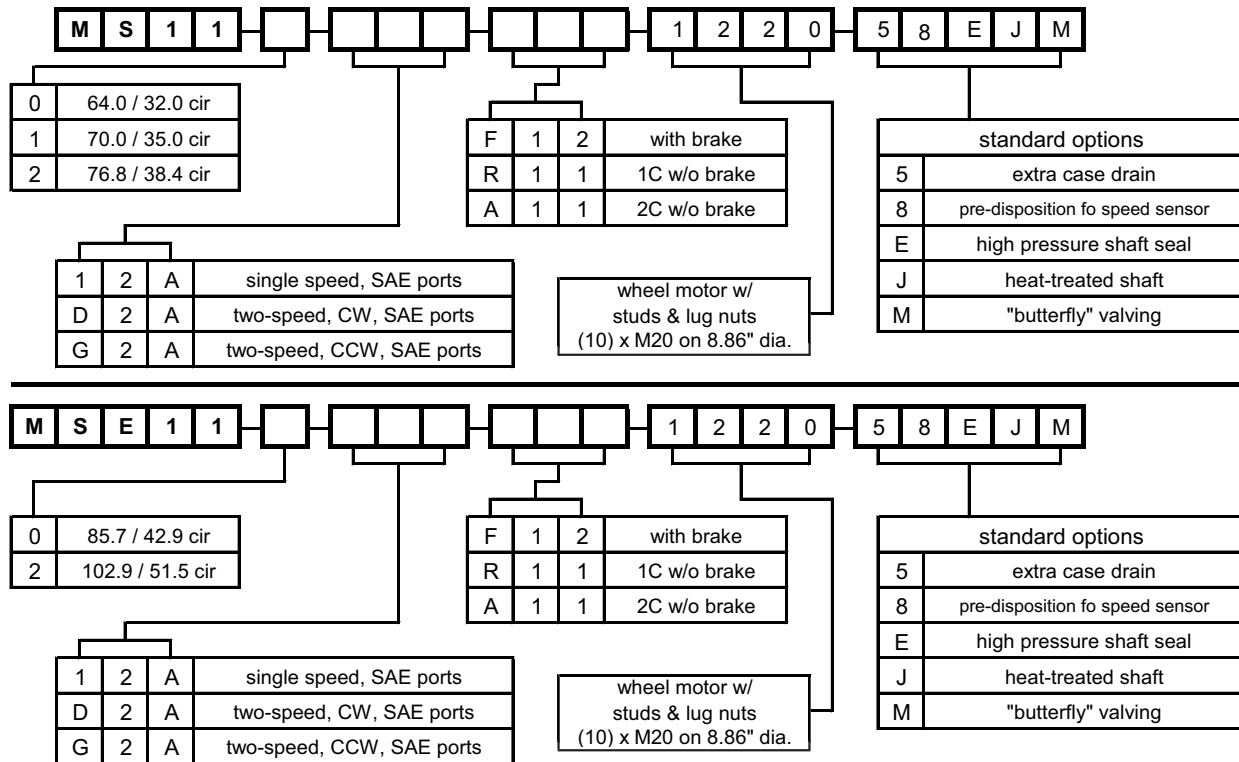
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MSE05-0-G2A-A05-1220-58EJM	A27637Q
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5
business shipping days



Commercial Code	Part number
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MSE08-2-D2A-A08-1220-58EJM	A27448K
MSE08-0-G2A-F09-1220-58EJM	A27449L
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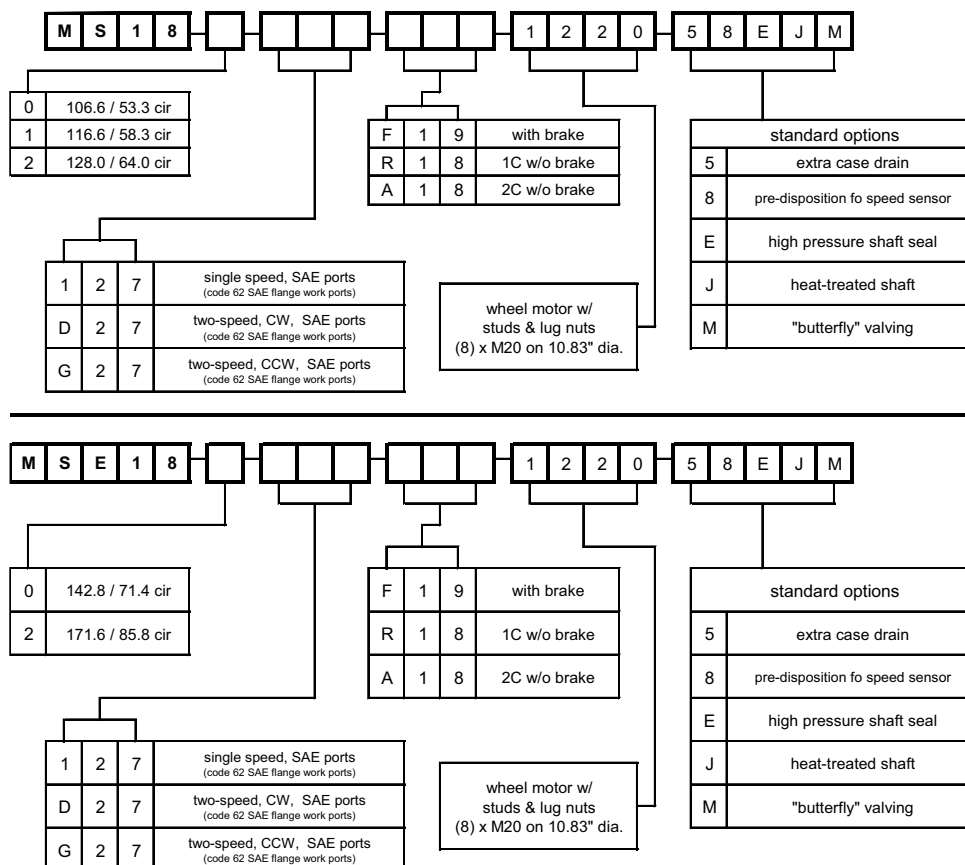
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MS11-2-12A-R11-1220-58EJM	A27285H
MS11-0-D2A-F12-1220-58EJM	A27777S
MS11-1-D2A-F12-1220-58EJM	A27778T
MS11-2-D2A-F12-1220-58EJM	A27779U
MS11-0-D2A-A11-1220-58EJM	A27780V
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MS11-2-G2A-F12-1220-58EJM	A28125V
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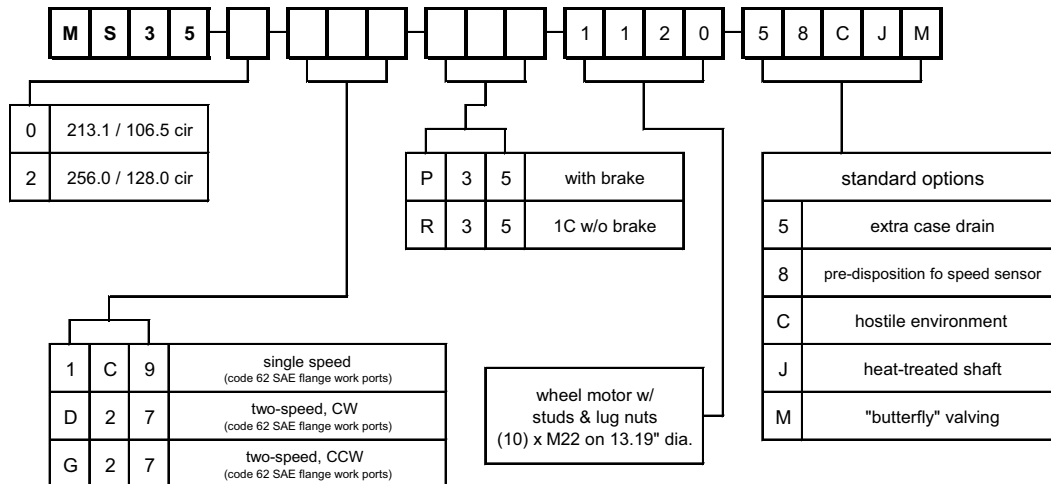
MS18-MSE18



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MS18-2-127-R18-1220-58EJM	A28501E
MS18-0-D27-F19-1220-58EJM	A28661D
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MS18-2-D27-F19-1220-58EJM	A28662E
MS18-0-D27-A18-1220-58EJM	A28657Z
MS18-1-D27-A18-1220-58EJM	A28656X
MS18-2-D27-A18-1220-58EJM	A28659B
MS18-0-G27-F19-1220-58EJM	A28658A
MS18-1-G27-F19-1220-58EJM	A28668L
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MS18-0-G27-A18-1220-58EJM	A28669M

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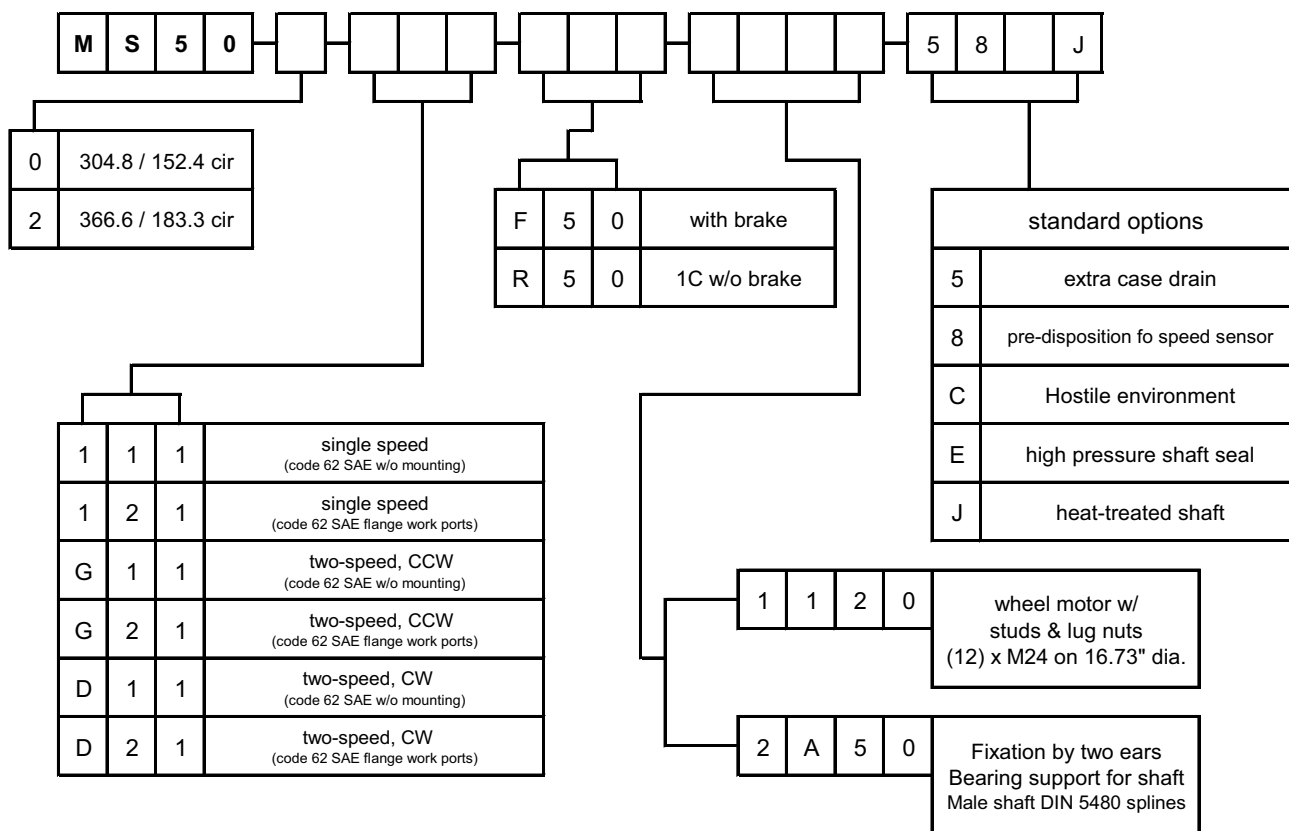
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MSE18-0-D27-F19-1220-58EJM	A28666J
MSE18-2-D27-F19-1220-58EJM	A28665H
MSE18-0-D27-A18-1220-58EJM	A28651S
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MSE18-2-G27-F19-1220-58EJM	A28650R
MSE18-0-G27-A18-1220-58EJM	A28655W
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Commercial Code	Part number
MS35-0-1C9-P35-1120-58CJM	A30354T
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MS35-0-D27-P35-1120-58CJM	A30359Z
MS35-0-D27-R35-1120-58CJM	A30361B
MS35-0-G27-P35-1120-58CJM	A30363D
MS35-0-G27-R35-1120-58CJM	A30365F
MS35-2-1C9-P35-1120-58CJM	A30355U
MS35-2-1C9-R35-1120-58CJM	A30358X
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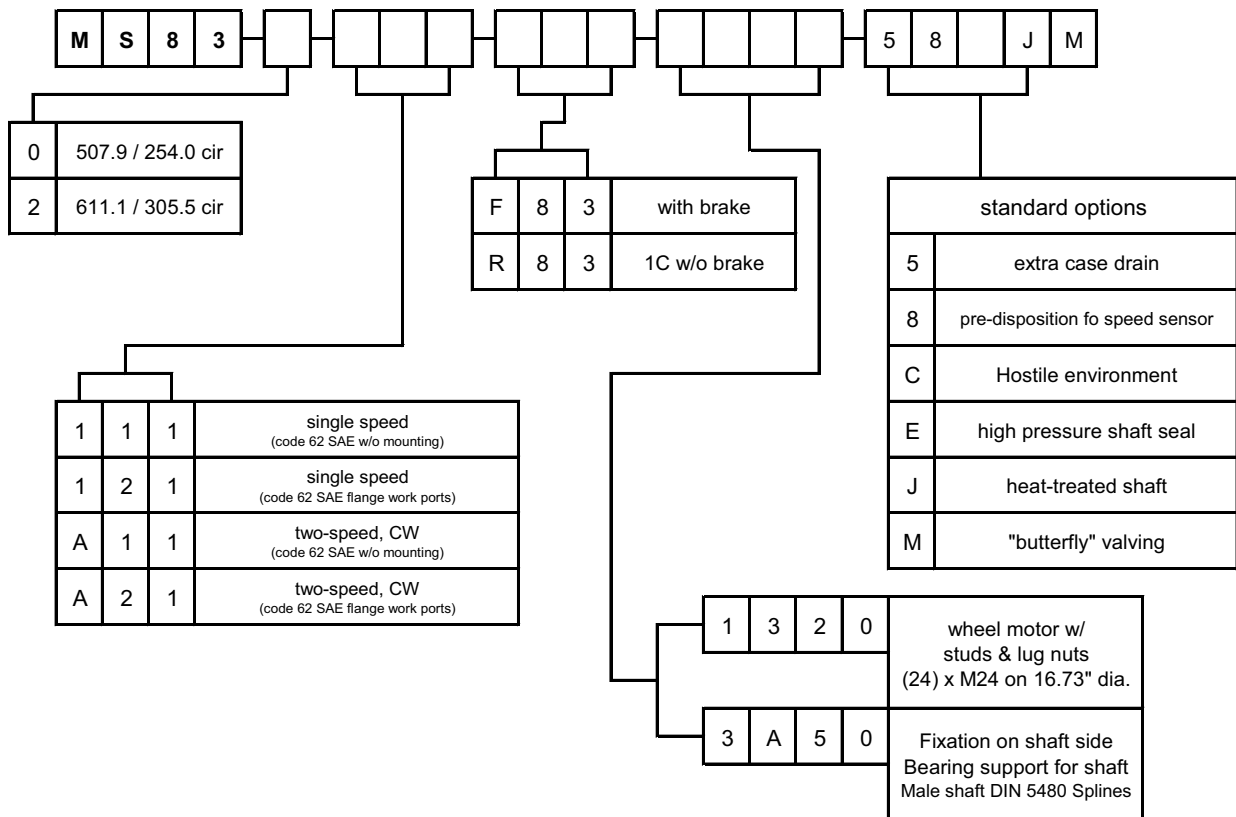


MS50



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MS50-0-121-R50-1120-58CJ	A30449W
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MS50-0-G21-F50-1120-58CJ	A30455D
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MS50-2-111-R50-2A50-58EJ	A39355C
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MS50-2-121-R50-1120-58CJ	A30450X
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MS50-2-D11-R50-2A50-58EJ	A39362K

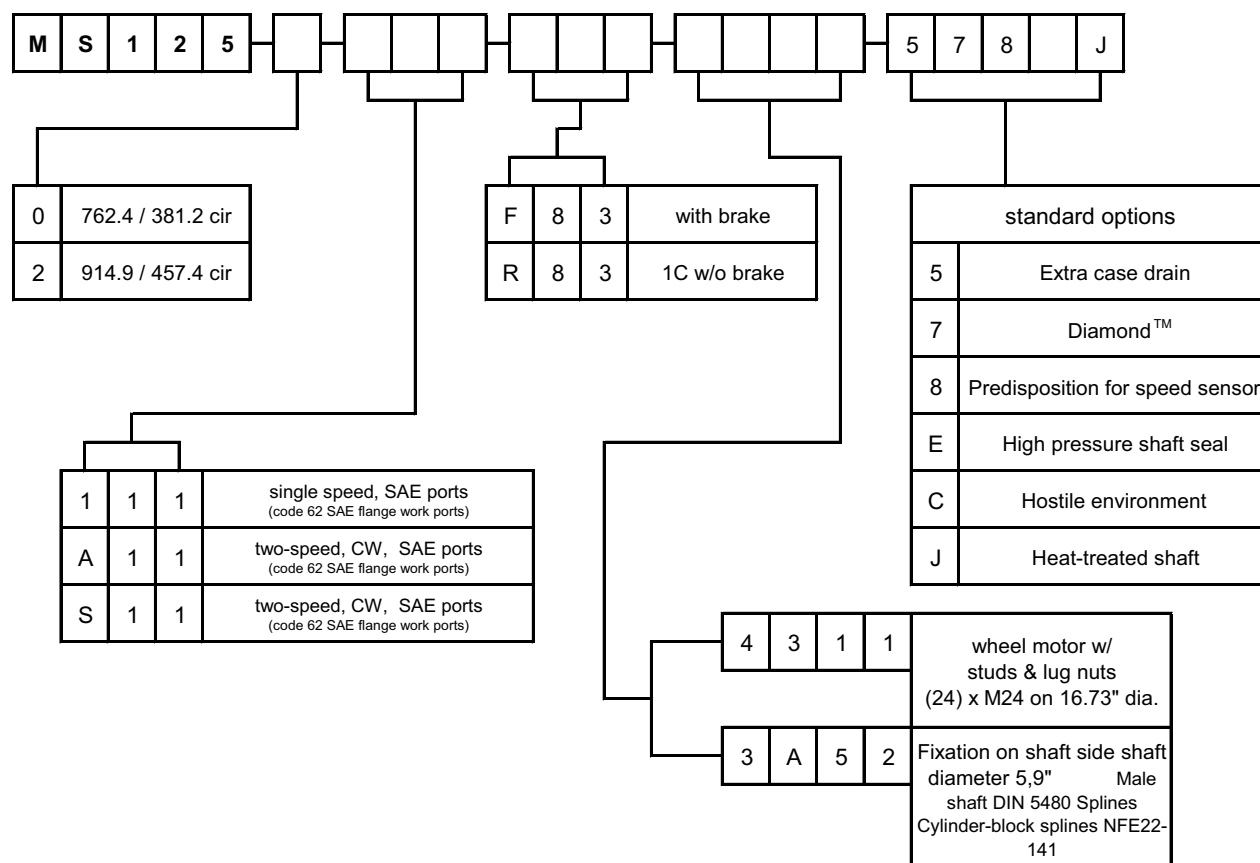
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MS50-2-G21-F50-1120-58CJ	A30456E
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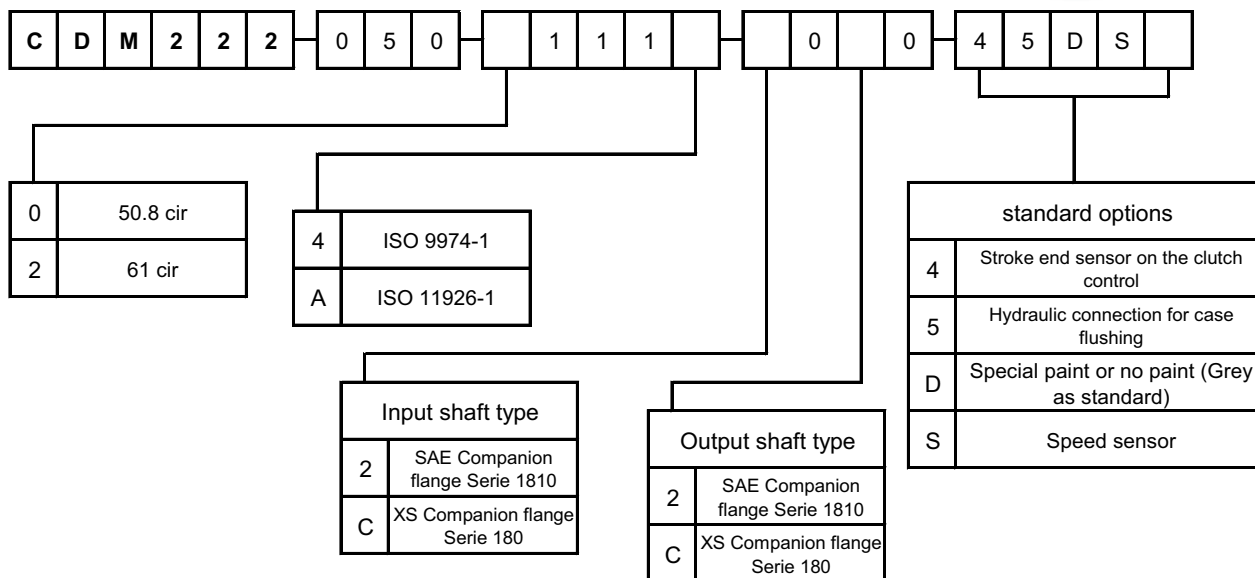
MS125



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MS125-0-111-R83-4311-578CJ	A30695P
MS125-0-A11-F83-3A52-578EJ	A39644R
MS125-0-S11-R83-3A52-578EJ	A39642P
MS125-0-A11-F83-4311-578CJ	A30689H
MS125-0-A11-R83-4311-578CJ	A30691K
MS125-2-111-F83-3A52-578EJ	A39641N
MS125-2-111-R83-3A52-578EJ	A39639L
MS125-2-111-F83-4311-578CJ	A30694N
MS125-2-111-R83-4311-578CJ	A30696Q
MS125-2-A11-F83-3A52-578EJ	A39645S
MS125-2-S11-R83-3A52-578EJ	A39643Q
MS125-2-A11-F83-4311-578CJ	A30690J
MS125-2-A11-R83-4311-578CJ	A30692L

Limit 2!

CDM222



Electronics Part number

SmartDrive™ Electronic kit A29444E

SD Easy+ ECU
Round Display
2 Pressure Sensors
Joystick
Connectors...



CreepDrive Box

Kit CreepDrive complete
A40710A



Software Part number

PHASES™ Easy A04903E
set-up & diagnostic software

Pumps Part number

Pump P90-55 cc A15964C

- 12V SA control
- no auxiliary mounting pad
- side ports, suction filtration
- splined shaft 14 teeth pitch=12/24
- 14 cc/rev charge pump
- speed sensor
- 5800 PSI setting
- 406 PSI charge pressure setting

Pump P90-75 cc A23346B

- 12V SA control
- SAE B mounting pad
- side ports, suction filtration
- splined shaft 21 teeth pitch=16/32
- 14 cc/rev charge pump
- speed sensor
- 5800 PSI setting
- 406 PSI charge pressure setting

Pump P90-75 cc A43417S
Must be used with the TCF

- 12V SA control
- SAE B mounting pad
- side ports, integral charge filter
- splined shaft 21 teeth pitch=16/32
- 14 cc/rev charge pump
- speed sensor
- 5800 PSI setting
- 406 PSI charge pressure setting

Available in
September 2011

Commercial Code	Part number
CDM222-050-0111A-2020-45DS	A36864U
CDM222-050-2111A-2020-45DS	A36865V
CDM222-050-01114-C0C0-45DS	A36866W
CDM222-050-21114-C0C0-45DS	A36867X

Commercial Code	Part number
Exchange Valve	004343332N

Tank/Heat exchanger/Filter (TCF)

- 12V A25873X

To remind you who we are...

Poclain Hydraulics brings 50 years of experience to Agricultural, Construction, Material Handling and On Highway markets to name a few. We are specialized in the development and global production of high torque ground drives and related components.

Poclain Hydraulics has a global footprint with 1,500 employees, 6 manufacturing plants, 17 sales subsidiaries and 150 distributors worldwide.

We are above all a partner you can rely on to accompany you through the design and sizing of your

hydrostatic transmission. We supply the complete transmission (from pumps to motors, including valves and electronic control) and can also test your machine on our proving ground, insuring you receive a reliable, long-term hydraulic solution.

This technology yields a motor that is exceptionally compact, enabling it to be directly integrated into a vehicle's wheels. It supports peak operating pressures of 420 bar (6,500 psi) providing high torque and excellent speed control even at very low ground speeds.

