Series 40 Motors
Model Code Supplement
Product coding

FIXED MOTOR MODEL CODE

Legend:
- ● = Standard
- ❍ = Optional
- – = Not Available

Product	Frame	Type	C	D	E	F	G	T
MMF	□□□	□	□	□	□	■	■	■■■

Product

Code	Description
MMF	Medium duty, Motor, Fixed

Frame size

Code	Description	025	035	044
025	25 cm³/rev [1.5 in³/rev]	●	–	–
035	35 cm³/rev [2.14 in³/rev]	–	●	–
044	43.5 cm³/rev [2.65 in³/rev]	–	–	●
046	46 cm³/rev [2.81 in³/rev]	–	–	–

Type

Code	Description	025	035	044
C	Version C	●	–	–
D	Version D	–	●	●

C *Seal group*

Code	Description	025	035	044
A	Shaft seal	●	●	●
B	Shaft seal and seal for through shaft	–	❍	❍

D *Output shaft / through shaft configuration*

Code	Description	025	035	044
A	13 teeth, 16/32 pitch / none	–	❍	❍
C	13 teeth, 16/32 pitch / 13 teeth, 16/32 pitch	–	❍	❍
E	13 teeth, 16/32 pitch, tapped / none	●	–	–
F	15 teeth, 16/32 pitch / none	–	❍	❍
H	15 teeth, 16/32 pitch / 13 teeth, 16/32 pitch	–	–	–
K	15 teeth, 16/32 pitch / none	–	–	–
M	1.000 in, tapered / none	–	–	–
N	1.000 in, tapered / none	❍	❍	❍
S	0.875 in, straight key / none	–	❍	❍
T	1.000 in, straight key / none	–	–	–

E *End cap configuration*

Code	Description	025	035	044
E	Radial (side) ports	–	❍	❍
G	Radial (twin) ports	❍	❍	❍
H	Radial (twin) ports, loop flushing, 1.4 mm [0.055 in] orifice	–	❍	❍
K	Radial (twin) ports, loop flushing, charge relief at 23 bar [335 psi]	–	–	–
L	Radial (twin) ports, loop flushing, (2X) 1.4 mm [0.055 in] orifice	–	❍	❍
M	Radial (twin) ports, loop flushing, charge relief at 18 bar [265 psi]	–	–	–
P	Axial ports, loop flushing, charge relief at 23 bar [335 psi], 1.6 mm [0.062 in] orifice	–	–	–
R	Radial (twin) ports, loop flushing, 1.4 mm [0.055 in] orifice	❍	–	–
U	Axial ports	❍	❍	❍
W	Axial Ports, loop flushing, (1X) 0.79 mm [0.031 in] orifice	–	–	❍

FIXED MOTOR MODEL CODE (continued)

Product	Frame	Type	C	D	E	F	G	T
MMF	■■■	■	■	■	■	□	□	□□□

Legend:
● = Standard
❍ = Optional
– = Not Available

F *Cylinder block group*

Code	Description	025	035	044
A	A block assembly	●	●	❍
B	B block assembly	–	–	–
C	Block assembly with speed ring	❍	❍	❍

G *Housing*

Code	Description	025	035	044
A	Standard	❍	❍	❍
B	20 cm³ maximum displacement	❍	–	–
D	Standard with speed sensor	❍	❍	❍

T *Special hardware features*

Code	Description	025	035	044
NNN	None	❍	❍	❍

Series 40 Motors
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VARIABLE MOTOR MODEL CODE

Product	Frame	Type	C	D	E	F	G	T
MMV	□□□	□	□	□	□	■	■	■■■

Legend:
● = Standard
❍ = Optional
– = Not Available

Product

Code	Description	035	044	046	
				MMV	MMC
MMV	Medium duty, Motor, Variable, SAE mount	●	●	●	–
MMC	Medium duty, Motor, Variable, Cartridge mount	–	–	–	●

Frame size

Code	Description	035	044	046	
				MMV	MMC
035	35 cm³/rev [2.14 in³/rev]	●	–	–	–
044	43.5 cm³/rev [2.65 in³/rev]	–	●	–	–
046	46 cm³/rev [2.81 in³/rev]	–	–	●	●

Type

Code	Description	035	044	046	
				MMV	MMC
C	Version C	–	–	●	●
D	Version D	●	●	–	–

C *Seal group*

Code	Description	035	044	046	
				MMV	MMC
A	Shaft seal	●	●	●	●
B	Shaft seal and seal for through shaft	–	–	❍	–

D *Output shaft / through shaft configuration*

Code	Description	035	044	046	
				MMV	MMC
A	13 teeth, 16/32 pitch / none	❍	❍	❍	❍
B	13 teeth, 16/32 pitch / 13 teeth, 16/32 pitch	–	–	❍	–
E	15 teeth, 16/32 pitch / none	❍	–	❍	❍
F	15 teeth, 16/32 pitch / 13 teeth, 16/32 pitch	–	–	❍	–
J	1.000 in, tapered / none	–	–	❍	–

E *Minimum swashplate angle*

Code	Description	Displacement			035	044	046	
		M35 cm³ [in³]	**M44** cm³ [in³]	**M46** cm³ [in³]			MMV	MMC
E	1° swashplate angle	–	–	2.6 [0.16]	–	–	❍	❍
L	5° swashplate angle	–	–	13.1 [0.80]	–	–	❍	❍
D	6° swashplate angle	12.8 [0.78]	16.0 [0.98]	16.1 [0.98]	❍	❍	❍	❍
B	7° swashplate angle	–	–	18.0 [1.01]	–	–	❍	❍
M	8° swashplate angle	–	–	21.0 [1.28]	–	–	❍	–
H	8.5° swashplate angle	–	–	22.4 [1.36]	–	–	❍	❍
F	9° swashplate angle	–	–	24.6 [1.50]	–	–	❍	❍
U	9.5° swashplate angle	–	25.4 [1.55]	–	–	❍	–	–
A	11° swashplate angle	–	–	29.5 [1.80]	–	–	❍	❍
J	13° swashplate angle	28.2 [1.72]	35.1 [2.14]	34.2 [2.11]	❍	–	–	❍

VARIABLE MOTOR MODEL CODE (continued)

Product	Frame	Type	C	D	E	F	G	T
M M V								

Legend:
● = Standard
❍ = Optional
– = Not Available

F *Control features*

Code	Description	035	044	046	
				MMV	MMC
A	Single control port at bottom	–	–	❍	–
B	Two control ports at top and bottom	–	–	❍	–
C	Single control port at bottom, adjustable minimum displacement	–	–	❍	–
G	Single control port at bottom, adjustable maximum displacement	–	–	–	❍
L	Control trunnion on left side	❍	❍	–	–
R	Control trunnion on right side	❍	❍	–	–

G *End cap configuration*

Code	Description	035	044	046	
				MMV	MMC
A	Radial (side) ports	–	–	❍	–
D	Radial (side) ports, through shaft	–	–	❍	–
G	Radial (twin) ports, loop flushing defeated, speed sensing	–	–	–	❍
H	Radial (twin) ports, loop flushing defeated	–	–	❍	❍
J	Radial (twin) ports, loop flushing, charge relief at 25 bar [360 psi]	–	–	❍	❍
K	Radial (twin) ports, loop flushing, charge relief at 20 bar [290 psi]	–	–	❍	❍
L	Radial (twin) ports, loop flushing, charge relief at 20 bar [290 psi], speed ring (no sensor)	–	–	–	❍
M	Radial (side) ports with speed sensing	–	–	❍	–
R	Radial (twin) ports without bypass valve	❍	❍	–	–
W	Radial (twin) ports, through shaft	❍	–	–	–
Y	Axial without loop flushing	–	–	❍	–

T *Special hardware features*

Code	Description	035	044	046	
				MMV	MMC
NNN	None	●	●	●	●