

# Axial Piston Fixed Displacement Motor

## ORDER CODE

This Order code describes the desired model variant of an axial piston fixed displacement motor.

<b>MF</b>	<b>XX</b>	<b>V</b>	<b>\</b>	<b>20</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>XX</b>	<b>XX</b>	<b>XX</b>	<b>XX</b>
1	2	3		4	5	6	7	8	9	10	11

### 1. Type:

<b>MF</b>	Axial piston fixed displacement motor
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### 2. Frame Size:

Displament per revollution:	
<b>20</b>	33,3 ccm/rev.
<b>22</b>	69,8 ccm/rev.
<b>23</b>	89,0 ccm/rev.

### 3. Direction of rotation:

<b>V</b>	reversible
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### 4. Series:

<b>20</b>	Series 20, with closed loop circuit
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### 5. Dymensation of the input shaft

	<b>20</b>	<b>22</b>	<b>23</b>
<b>A</b>	14 theet, 12/14 pitch, $\phi$ 31,20mm	A	A
<b>B</b>	19 theet, 16/32 pitch, $\phi$ 31,75mm	A	A
<b>C</b>	21 theet, 16/32 pitch, $\phi$ 34,50mm	S	A
<b>D</b>	23 theet, 16/32 pitch, $\phi$ 37,68mm	-	S
<b>E</b>	27 theet, 16/32 pitch, $\phi$ 44,03mm	-	A
<b>G</b>	13 theet, 8/16 pitch, $\phi$ 44,70mm	-	A
<b>I</b>	20 theet, 16/32 pitch, $\phi$ 32,91mm	A	A
<b>J</b>	cone, 1:8 SAE J501, $\phi$ 41,27mm	-	A
<b>K</b>	cone, 1:8 SAE J501, $\phi$ 31,75mm	A	A
<b>L</b>	cylindrical $\phi$ 34,925mm spring	A	A
<b>M</b>	cylindrical $\phi$ 44,45mm spring	-	A

A-available on request, S-standard disign

### 6. Pressure and Inlet Ports A, B

	<b>20</b>	<b>22</b>	<b>23</b>
<b>A</b>	SAE J 518c, code 62, size 1", 6000 psi	A	A
<b>B</b>	SAE J 518c, code 61, size 1", 5000 psi	S	S
<b>C</b>	ISO 6162, DN 25, type II, 40 Mpa	A	A

### 7. Bypass valve

<b>A</b>	without bypass valve (when valve block is used)
<b>B</b>	valve block without bypass valve (standard)

### 8. Setting of low pressure valve

<b>11</b>	1,1 MPa (standard)
<b>00</b>	without purge reliet valve
<b>--</b>	other charge pressure setting

### 9. Pressure setting in por A

<b>11</b>	11 MPa
<b>14</b>	14 MPa
<b>35</b>	35 MPa (standard)
<b>42</b>	42 MPa
<b>00</b>	without pressure valve
<b>--</b>	other high pressure setting

### 10. Pressure setting in port B

<b>11</b>	11 MPa
<b>14</b>	14 MPa
<b>35</b>	35 MPa (standard)
<b>42</b>	42 MPa
<b>00</b>	without pressure valve
<b>--</b>	other high pressure setting

### 11. Available for request

Determined in factory according to the special requirement of the client.
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