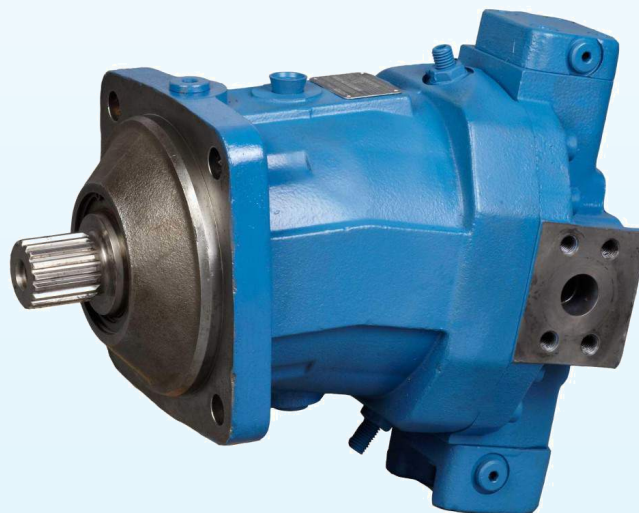


# PISTON MOTOR

## TMV Series 6

Variable Displacement Motor



**For Open and Closed Circuits  
axial piston units, bent axis design**

The variable displacement motor was designed especially for hydrostatic drives with secondary controls.

### Features

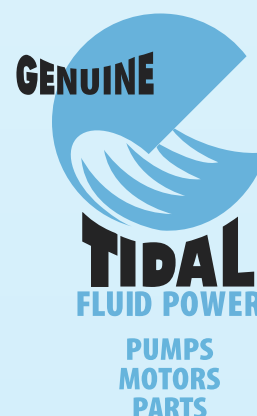
- Larger control range with hydrostatic transmissions
- Secondary control and regulation with various control devices
- Increased maximum output speeds at reduced swivel angle
- Cost-saving due to the possibility of using smaller pumps
- Obviates the need for multi ratio gear drives
- High power density
- High permissible external shaft loading
- Optional mounting position
- Highly efficient
- Low inertia

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TMV	6	107	HP1P	S18	W	020
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Tidal Motor Variable

Series

**MAX DISPLACEMENT**

- 28 8cc/rev
- 55 16cc/rev
- 80 16cc/rev
- 107 21cc/rev
- 160 32cc/rev
- 200 40cc/rev
- 250 50cc/rev

**CONTROL TYPE**

Control Type	EP2 & EZ4		HD1D, EP2D, EZ2	
	End Cover	020 027	010 020 027	010 020 027
Size	55	80	107	160

**Port Position**

- 010 - End Ports
- 020 - Side Ports
- 027 - Side Ports (with flushing valve)

See Control Type for options

**ROTATION**

W = Bi Directional

**SHAFT TYPE**

**Displacement**

- 28 - 8 cc/rev
- 55 - 16cc/rev
- 80 - 16cc/rev
- 107 - 21cc/rev
- 160 - 32cc/rev
- 200 - 40cc/rev
- 250 - 50cc/rev

**Spline:**

- W25x18
- W30x14
- W35x16
- W40x18
- W45x21
- W50x24
- W50x24

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