

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. The control assembly for a maximum swivel range of $V_{max}/V_{min} = 3.47$ conversion range.

Features

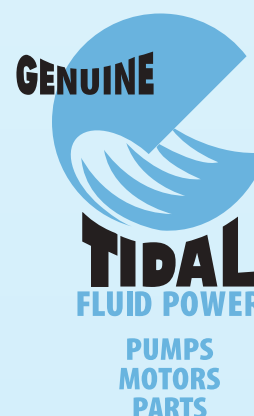
- Larger control range with hydrostatic transmissions
- Secondary control and regulation with various control devices
- Increased maximum output speeds at reduced swivel angle
- Cost-saving due to the possibility of using smaller pumps
- Obviates the need for multi ratio gear drives
- High power density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

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TMV 6 107 HP1P S18 W N62

TIDAL MOTOR VARIABLE DISPLACEMENT

SERIES

MAX DISPLACEMENT

8.1 - 28.1 cc/rev
 15.8 - 54.8 cc/rev
 23 - 80 cc/rev
 30.8 - 107 cc/rev
 46 - 160 cc/rev
 64.8 - 225 cc/rev
 137 - 500 cc/rev

CONTROL TYPE

HP1
 HP1P
 HP2
 HP2P
 P1
 P1P
 EL

PORT POSITION THRU DRIVE OPTION

62 = SIDE PORTS
 N = NO THRU DRIVE

ROTATION

W = BOTH DIRECTIONS OF ROTATION

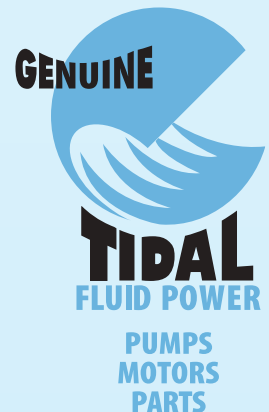
SHAFT TYPE

DISPLACEMENT	SPLINE	KEY
8.1 - 28.1 cc/rev	W25 X 18	25K6
15.8 - 54.8 cc/rev	W30 X 14	30K6
23 - 80 cc/rev	W35 X 16	35K6
30.8 - 107 cc/rev	W40 X 18	40K6
46 - 160 cc/rev	W45 X 21	45K6
64.8 - 225 cc/rev	W50 X 24	50K6

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