



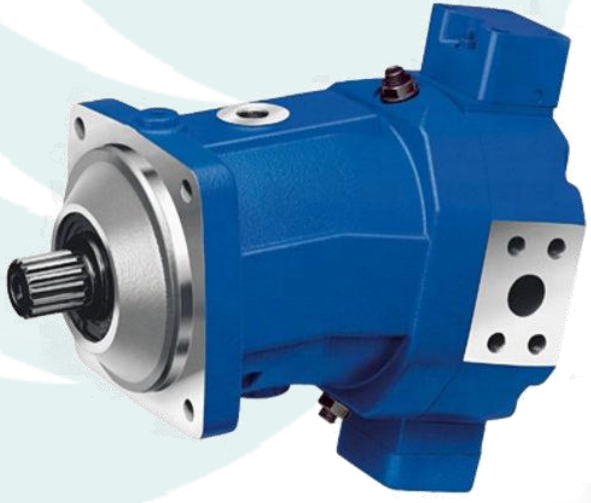
TIDAL FLUID POWER

AVAILABILITY, SERVICE, QUALITY, PRICE

PISTON MOTOR

TMV Series 6

Variable Displacement Motor



Open and Closed Circuits

Sizes 55, 80, 107 and 160cc/rev

Series 6

Axial Piston Units

Bent Axis Design

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	- HD1D	- S18	- W	- 020
Description	Series	Displacement (cc/rev)	Control Device	Shaft Type	Shaft Rotation	Port Position
T (Tidal) M (Motor) V (Variable)	6	28/8 cc/rev		W25x18	W Bi Directional	010 – End Ports 017 – End Ports (with flushing valve) 020 – Side Ports 027 – Side Ports (with flushing valve) (See control type for options)
		55/11 cc/rev	Control Type EP2 & EZ4 End cover 010, 017, 020, 027	W30x14		
		80/16 cc/rev	Control Type EP2 & EZ4 End Cover 010, 020, 027	W35x16		
		107/21 cc/rev	Control Type HD1D, EP2D, EZ2 End Cover 010, 017, 020, 027	W40x18		
		160/32 cc/rev	Control Type HD1D, EP2D, EZ2 End Cover 020	W45x21		
		200/40 cc/rev		W50x24		
		250/50 cc/rev		W50x24		

Technical Data:

Type		55	80	107	160	200	250
Displacement	Cm3/rev	54.8	80	107	160	200	tba
Maximum Speed	Rpm	4450	3900	3550	3100	2900	tba
Maximum Flow	L/Min	244	312	380	496	580	tba
Maximum Torque @ 400 bar	Nm	349	509	681	1019	1273	tba
Weight	(kg)	28	36	46	62	78	tba