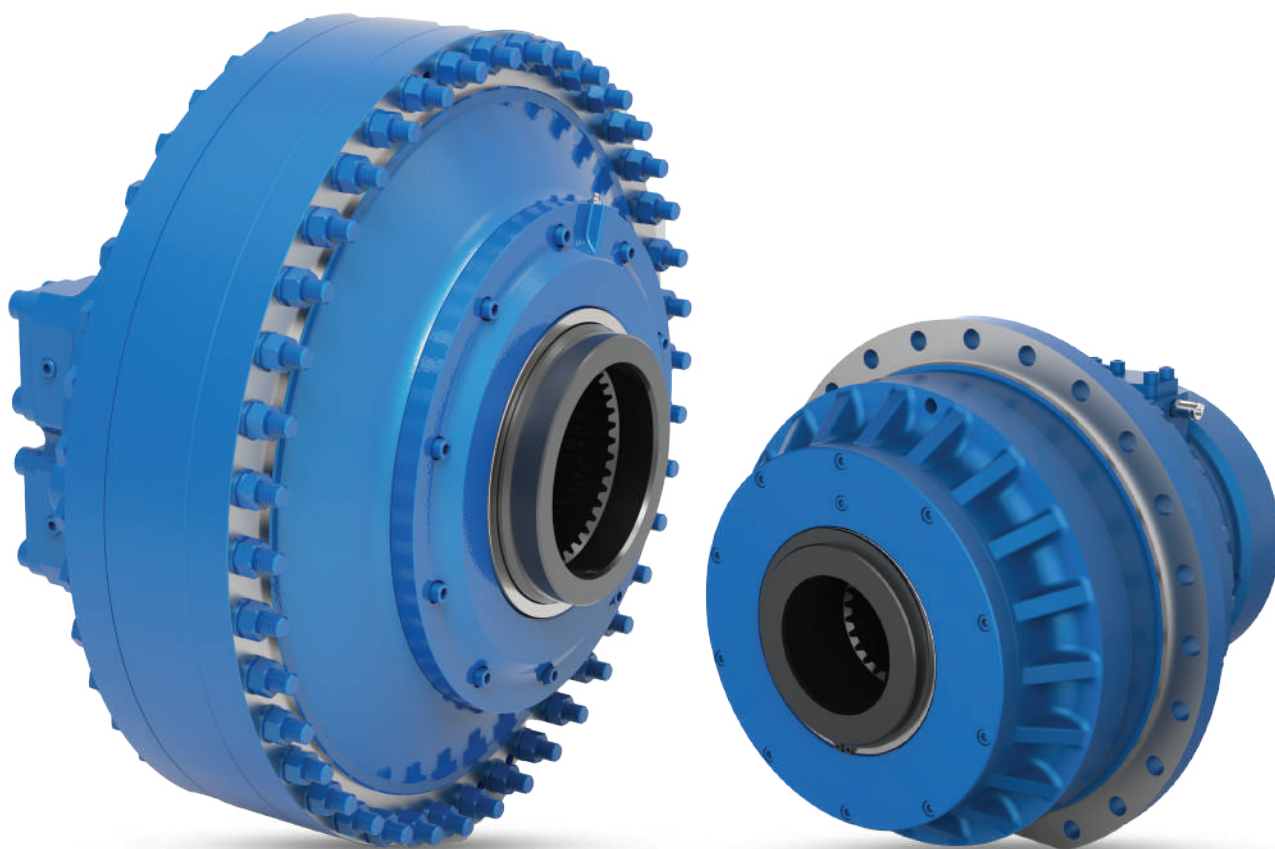




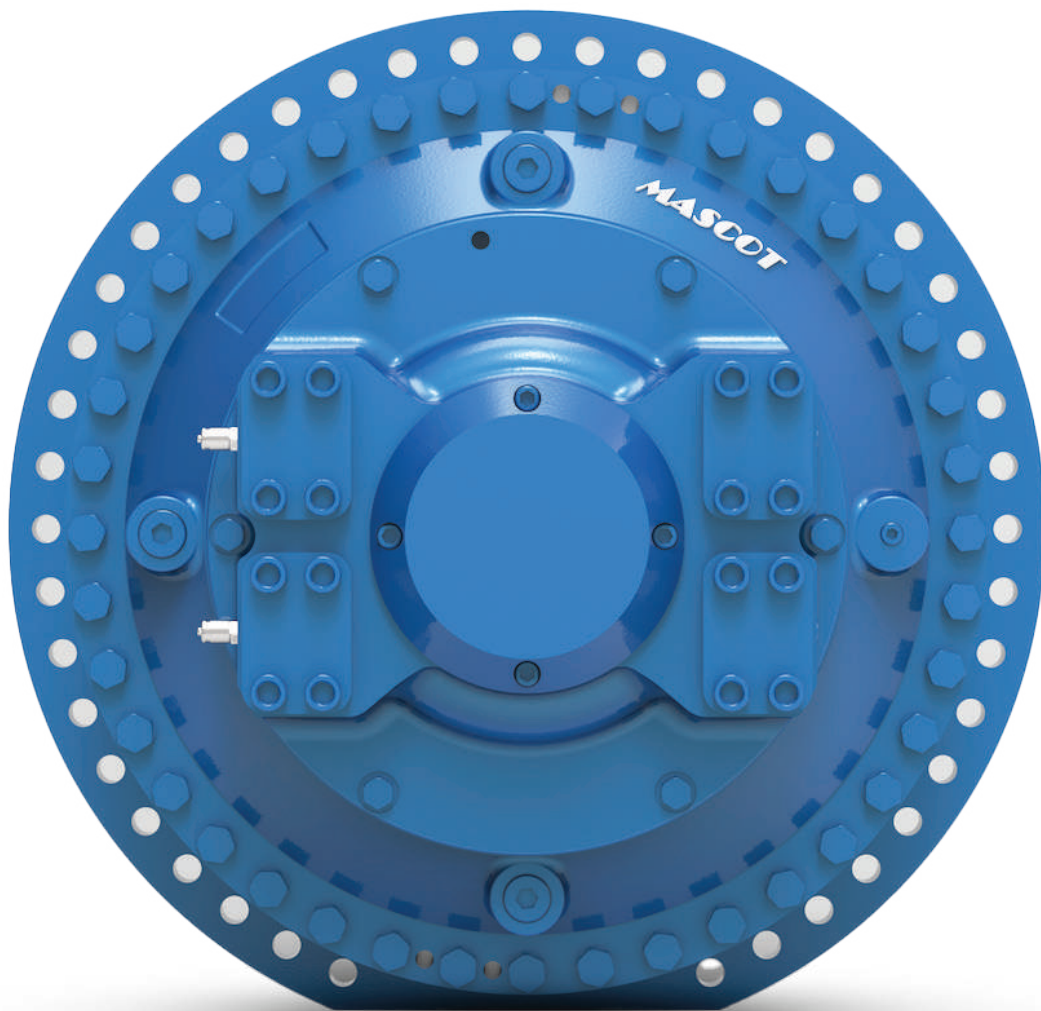
MASCOT®
DRIVES

ENGINEERED FOR ENDURANCE



AV Series

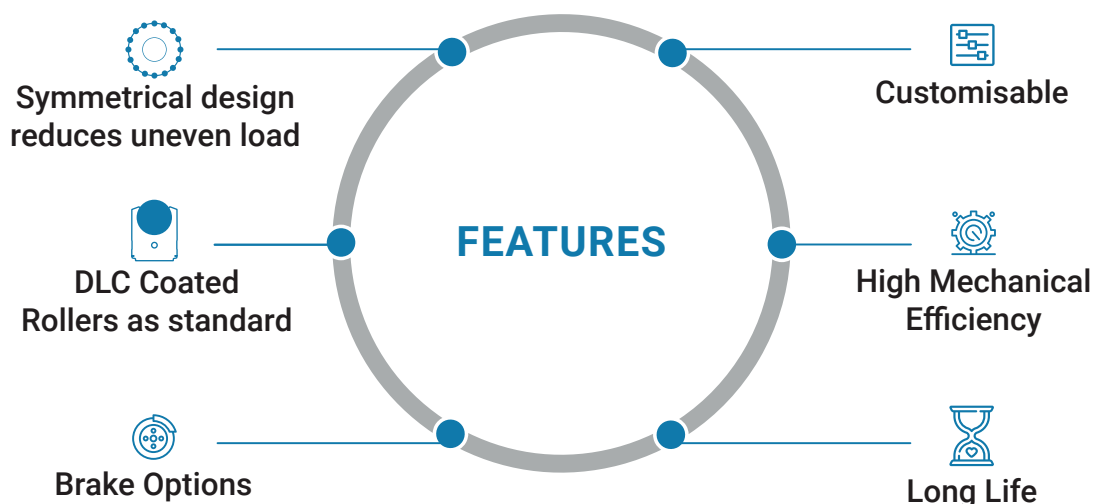
AV 800 ***SERIES***



PRODUCT DESCRIPTION

The AV 800 Series offers displacements ranging from 16 litres/rev to 70.5 litres/rev. The cylinder block has evenly distributed pistons, which reduce side loads, and the cam ring is well-balanced, providing no torque ripple at low speeds. Its robust load-bearing surfaces ensure long service life and consistent performance, while the motor's design allows for easy servicing when required.

The AV 800 Series sets the standard for power, performance, and reliability. Designed for demanding applications such as mining, marine, metal recovery, and other heavy-duty operations, these motors are built to perform in rigorous industrial environments. Engineered for continuous operation, the AV 800 Series integrates seamlessly into existing systems without requiring modifications or conversion costs.



MOTOR SPECIFICATION

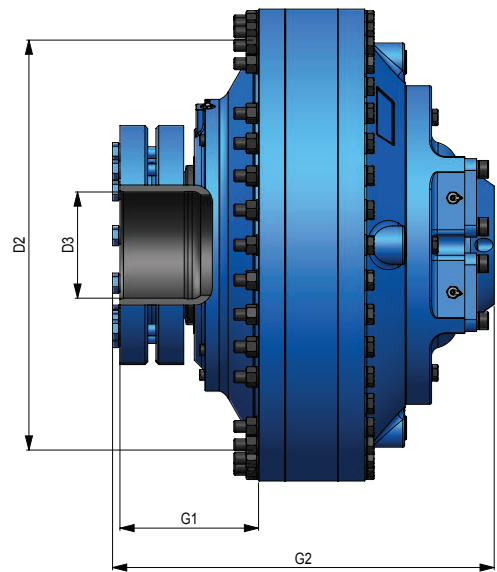
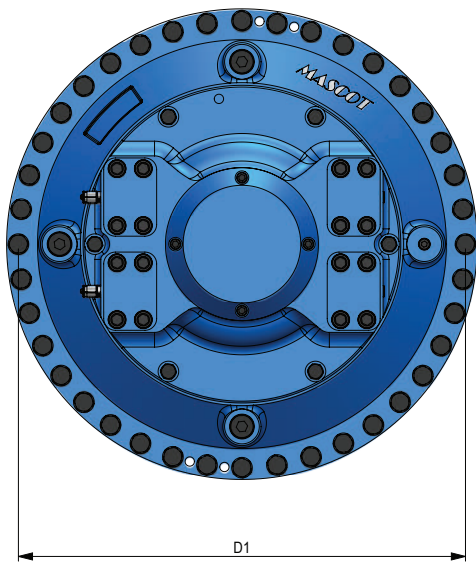
Module	Displacement Code	Displacement (Litres/rev)	Specific Torque (N-m/bar)	Maximum Torque (N-m)	Rated Speed (rpm)	Maximum Speed (rpm)	Maximum Pressure (bar)
A	0160	16.0	254	85159	53	65	350
	0180	18.0	286	95804	44	55	350
B	0200	20.0	318	106449	71	90	350
	0225	22.5	358	119755	59	80	350
	0250	25.0	398	133061	58	73	350
	0280	28.0	445	149029	49	62	350
	0305	30.5	485	162335	48	54	350
	0330	33.0	525	175641	42	52	350
	0360	36.0	573	191608	40	51	350
	0380	38.0	605	202253	30	43	350
	0400	40.0	636	212898	28	40	350
	0450	45.0	716	239510	25	38	350
C	0500	50.0	796	266123	23	32	350
	0540	54.0	859	287412	21	31	350
	0600	60.0	955	319347	20	35	350
D	0650	65.0	1035	345959	17	30	350
	0700	70.0	1114	372572	15	25	350

For application-specific displacement, kindly contact Maha Hydraulics.

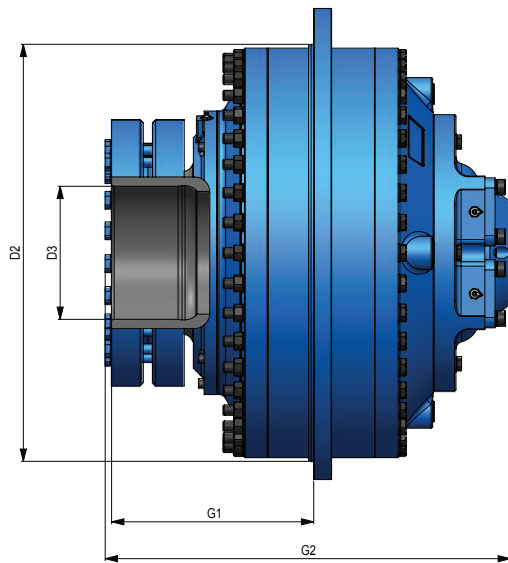
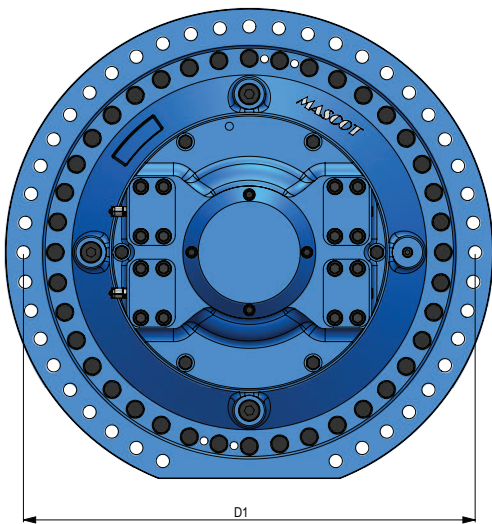
For performance curve and bearing load curve, kindly contact Maha Hydraulics.

DIMENSIONS - MOTOR WITH SHRINK DISC

AV 800	HOLLOW SHAFT WITH SHRINK DISC							
	Module	G1 (mm)	G2 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Weight Kg	Main Connection
	A	235	647	760	695	180	1048	SAE 2"
	B	240	772	760	695	200	1317	
		395	792	885	815	260	1457	
	C	395	912	885	815	260	1797	BSP 1 1/4"



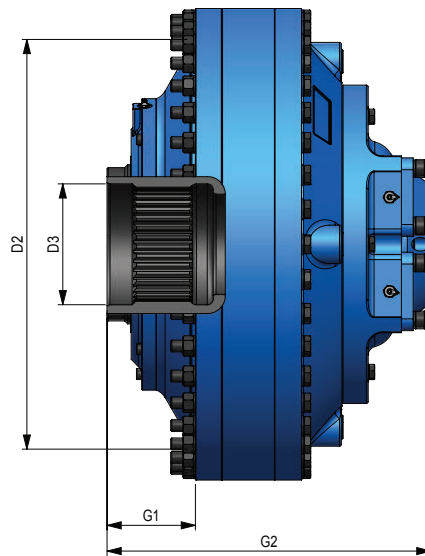
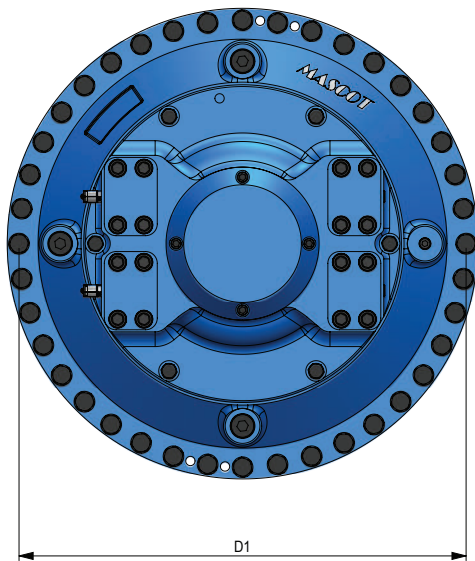
AV 800 A
AV 800 B (0200, 0225, 0250)



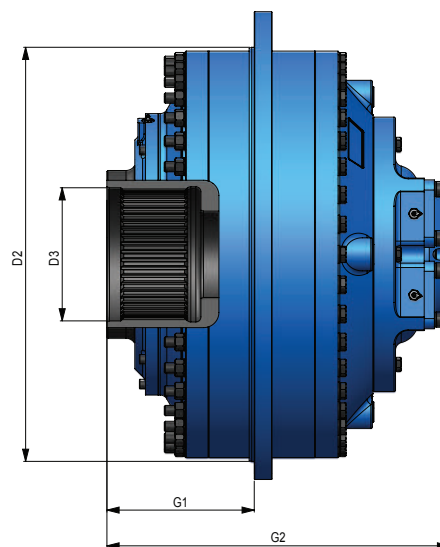
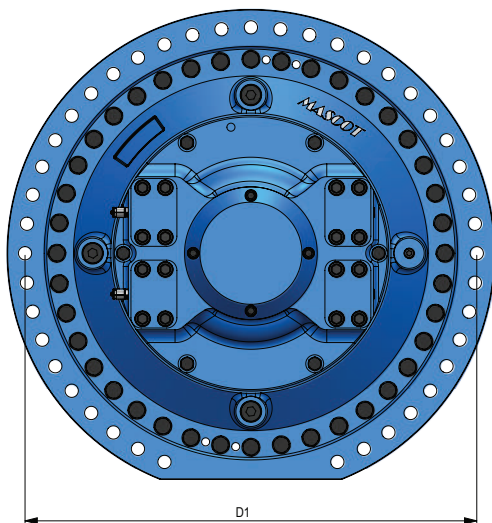
AV 800 B (0280, 0305, 0330, 0360)
AV 800 C

DIMENSIONS - MOTOR WITH FEMALE SPLINE

AV 800	HOLLOW SHAFT WITH SPLINE						Main Connection	Drain Connection
	Module	G1 (mm)	G2 (mm)	D1 (mm)	D2 (mm)	D3 (mm)		
	A	150	549	760	695	N200X5X30X38X9H		
	B	155	674	760	695	N200X5X30X38X9H		
		290	674	885	815	N260X5X30X50X9H		
	C	290	794	885	815	N260X5X30X50X9H		
	D	290	914	885	815	N260X5X30X50X9H		



AV 800 A
AV 800 B (0200, 0225, 0250)



AV 800 B (0280, 0305, 0330, 0360)
AV 800 C
AV 800 D



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