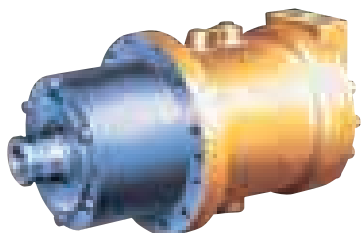


### DNB Series: Dual Displacement Axial Piston Case Rotating Geared Type Motor

Model	Displacement				Pressure		Speed		Rated Torque		Weight	
	cm <sup>3</sup>		cu in <sup>3</sup>		psi	bar	rpm		lb-ft	N-m	lb	kg
	Max.	Min.	Max.	Min.	Max.	Max.	Max.	Min.	Max.	Max.		
DNB50B	12400	7405	760	452	5000	345	25	36	43440	58800	904	410
DNB60B	14100	8430	760	452	5000	345	25	36	54200	73600	904	410

The DNB Series is a case-rotating dual displacement motor, widely used for the traveling function on construction machines.



### MX, M2X, M3X Series: Fixed Displacement Axial Piston Type Motor

Model	Displacement		Pressure		Speed rpm Max.	Rated Torque		Weight			
	cm <sup>3</sup>	in <sup>3</sup>	psi Rated	psi Max.		bar Rated	bar Max.	lb-ft	N-m	lb	kg
<b>Light thrust force type</b>											
M3XA385	385	23.5	2500	3000	410	172	207	774	1050	132	60
M3XA600	600	36.6	2500	3000	350	172	207	1208	1638	220	100
M3XA824	824	50.3	2500	3000	320	172	207	1664	2256	265	120
M2XA1065	1065	65.0	2500	3000	300	172	207	2148	2913	330	150
<b>Heavy thrust force type</b>											
MX184-223	223	13.6	2500	3000	825	172	207	448	607	139	63
M2X406	406	24.8	2500	3000	680	172	207	817	1108	203	92
MX530-610	610	37.2	2500	3000	590	172	207	1230	1668	353	160

These M Series motors are designed to accept axial shaft thrust loads.



### HR Series: Rotary Actuator

Model	Displacement				Pressure		Rotating Angle deg	Rated Torque		Weight	
	Per Radian cm <sup>3</sup>	Per Radian in <sup>3</sup>	Total Travel cm <sup>3</sup>	Total Travel in <sup>3</sup>	psi Rated	bar Rated		lb-ft	N-m	lb	kg
HR-08S-04	20.8	1.3	102	6.2	2000	138	280	166	225	15	7
HR-11S-06	57.3	3.5	280	17.1	2000	138	280	463	628	37	17
HR-15S-08	154.0	9.4	753	46.0	2000	138	280	1266	1717	77	35
HR-20S-10	438.0	26.7	1450	88.5	2000	138	190	3544	4806	198	90
HR-20S-18	755.0	46.1	2500	153.0	1000	69	190	2929	3972	231	105
HR-08D-04	41.6	2.5	73	4.5	2000	138	100	376	510	18	8
HR-11D-06	115.0	7.0	200	12.2	2000	138	100	1049	1422	40	18
HR-15D-08	308.0	18.8	538	32.8	2000	138	100	2821	3825	82	37

HR Series rotary actuators are suitable for applications requiring limited rotation.