






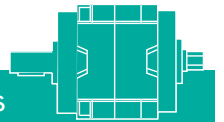
Vane Style Series Variations

Series	Sizes																Rotating angle					Page No.
	0.5	1	2	3	7	10	15	20	30	40	50	63	70	80	100	200	90°	100°	180°	190°	270°	
CRB2 	Torque (at 0.5 MPa) N.m																					938
	: Single vane (): Double vane																					
CRBU2 	Rotary actuator																					950
	: Single vane (): Double vane																					
CRB1 	Rotary actuator/Free mount type																					962
	: Single vane (): Double vane																					
MSUA 	Rotary actuator																					965
	: Single vane (): Double vane																					
MSUB 	Rotary table/High precision type																					975
	: Single vane (): Double vane																					







Rotary Actuators




Auto Switch Guide Section



Rack and Pinion Style Series Variations

Series	Sizes														Rotating angle					Page No.
	0.5	1	2	3	7	10	15	20	30	40	50	63	70	80	100	200	90°	100°	180°	
CRJ 	Torque (at 0.5 MPa) N.m																			987
	(●) Single rack pinion (■) Double rack pinion																			
CRA1 	Mini-rotary actuator																			989
	(●) 1.91 (30), 9.27 (50), 17.2 (70), 31.7 (100), 74.3 (200)																			
CRQ2 	Rotary actuator																			992
	(●) (0.3) (7), (0.75) (15), (1.84) (30), (3.11) (50), (5.3) (70)														(●) 80° to 100°, (●) 170° to 180°					
MSQ 	Compact rotary actuator																			995
	(●) (0.09) (1), (0.18) (2), (0.29) (3), (0.56) (7)														(●) 0° to 190°					
MSQ 	Mini rotary table (With adjustment bolt)																			997
	(●) (0.89) (20), (1.84) (30), (2.73) (40), (4.64) (50), (6.79) (70), (10.1) (100), (19.8) (200)														(●) 0° to 190°					
MSQ 	Rotary table (With adjustment bolt, with internal absorber)																			1000
	(●) (0.89) (20), (1.84) (30), (2.73) (40), (4.64) (50)														(●) 90°, (●) 100°					

Rotary Cylinder

Series	Bore size (mm)		Standard stroke (mm)								Rotating angle					Page No.				
	32	40	5	10	15	20	25	30	40	50	75	100	90°	100°	180°		190°	270°		
MRQ 	Rotary Cylinder																			1002
	(●) 80° to 100°, (●) 170° to 190°																			



Auto Switch Guide Section

