



Description :

Especially designed for manual operation of quarter turn valves with pneumatic actuators (both double acting or spring return) All gearboxes are of rugged construction and suitable for indoor and outdoor use. They are designed for simple and reliable manual positioning of valves and dampers, the self-locking worm gear means safe and easy operation, positive manual positioning and extended long life. The gearboxes can be used with any quarter turn actuator and may be installed in the field onto existing valves.

Specification :

- Body : Nodular Iron
- Quadrant : Nodular Iron
- Output Drive Shaft : Carbon Steel
- Rotation : OPEN when handwheel turned anti-clockwise. CLOSED when handwheel turned clockwise.
- Movement : Rotation 90° (Adjustable ±5° each end of stroke)
- Finish : White Epoxy Paint

Operation :

To engage manual operation pull out the spring loaded plunger and rotate the clutch lever until engagement takes place. To dis-engage the manual over-ride pull out the spring loaded plunger and rotate the clutch lever in the opposite direction.

Max. Output Torque (Nm)	RKE 45	RKE 75	RKE 125
Ratio	1 / 50	1 / 52	1 / 50
Handwheel turns to rotate 90°	12,5	13	12,5
Efficiency(%)	33	33	35
Max. Handwheel Input Torque (Nm)	30	62	150

Gear Operator Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	Weight (kg.)	Bottom Coupling Flange	Top Coupling Flange
RKE 45	85	93	65	334	37	2	76	113	106,5	55	210	36	70	M10	15	60	120	25	84	10	F07/F-10	F07/F-10
RKE 75	120	135	97,5	360	43	3	92	143	126	80,5	203	48	85	M12	18	75	168	25	82	23	F10/F-12	F10/F-12
RKE 125	181	203	151,5	530	61	2,5	120	188	195	150	284	60	100	M16	20	135	247	25	86	47	F14	F14