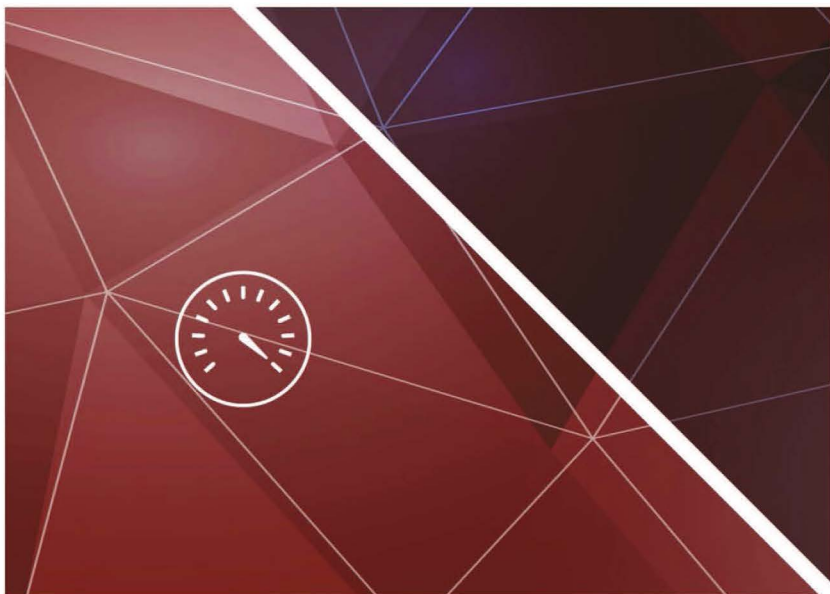
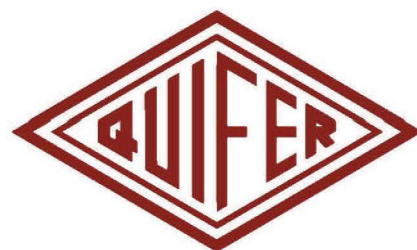




RK -RKS -RKE
Series Gearboxes



Quifer Actuators, sl



RK -RKS -RKE Series Gearboxes

QUIFER STANDARD GEARBOXES							
TYPE	ISO FLANGE	RATIO	EFFIC.	d. volant	TORQUE (NM)		WEIGHT (KG)
					Input	Output	
RK25	F05/F07	40:1	27%	260	45	500	6
RK 45	F07/F10	50:1	27%	260	70	1000	8
	320						
	260						
	320						
RK75	F10/F12	52:1	28%	320	146	2200	17
	500						
	320						
	500						
	320						
	500						
RK100	F14	186:1	22%	500	245	3700	37
	750						
	500						
	750						
RK125	F12	62:1	35%	500	245	4500	44
	750						
	500						
	750						
	500						
	750						
	500						
RK400	F16	186:1	22%	750	149	5000	60
	F25						
RK600	F16	150:1	26%	750	118	7000	66
	F25						
RK800	F25	262:1	22%	750	143	8000	66

DESCRIPTION:

Quarter turn gearboxes specially designed to operate ball and butterfly valves with a high durability and efficiency, available to work in the most exigent environments.

FEATURES:

Nodular Cast Iron material
8 models up to 10.000 Nm
IP 67 as standard
Completely greased for his normal life
Adjustments +/- 5° adjustable
Delivered with polyurethane coat as standard

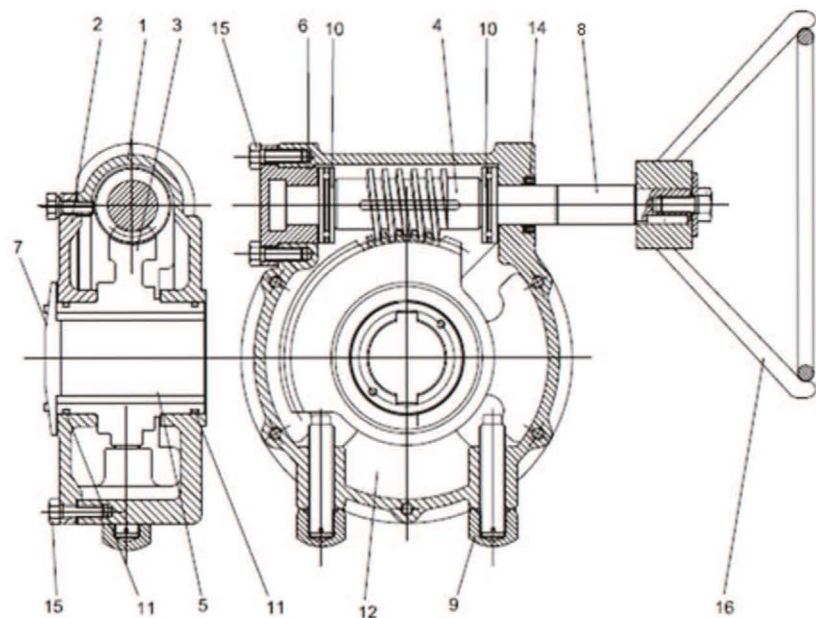
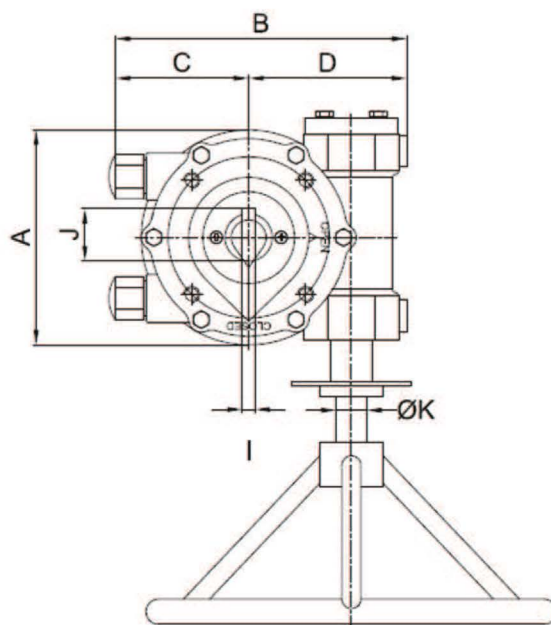
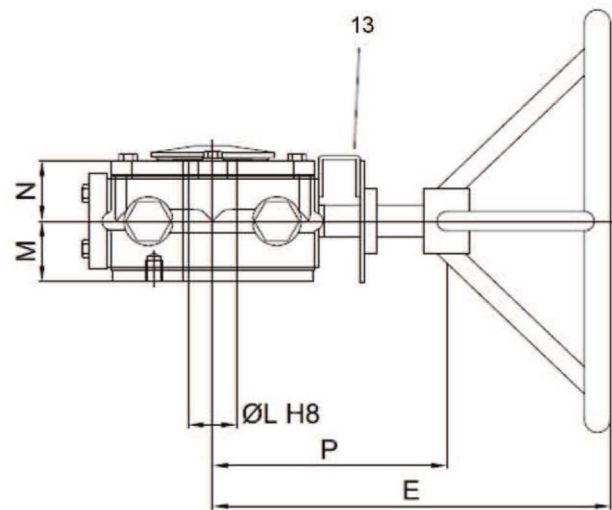
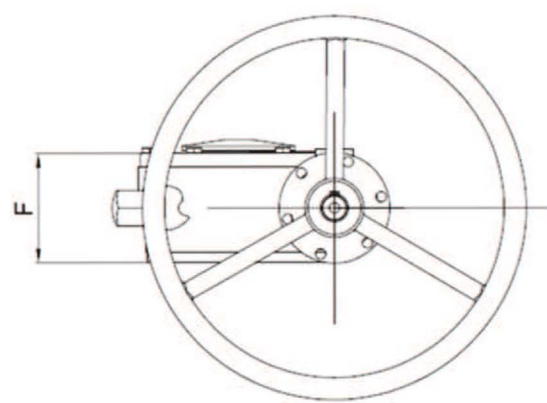
OPTIONS:

Padlockable flange
Low temperature up to -60C
Gearboxes for corrosive environment (Offshore)
Chainwheels
Special coats
Injectors
Customizable conection to the valve
Declutchable version for actuators available

BILL OF MATERIALS

No.	Description	Material	Material Option*	Notes
1	Housing	Cast Iron	-	GGG-40
2	Cover	Cast Iron	-	GGG-40
3	Quadrant	Cast Iron	Conection to the Valve Stainless Steel	GGG-60/70
4	Worm	Carbon Steel	-	Nitrured sufrace treatment
5	Shaft	Carbon Steel	Stainless Steel (AISI 431)	CK 45
6	End Cap	Cast Iron	Cast Iron GGG-40	GG-25
7	Position Indicator	Nylon	Stainless Steel (AISI 316)	
8	Worm Shaft	Carbon Steel	-	CK 45
9	Travel Stop	Stainless Steel AISI 316	-	
10	Bushing	E40	-	
11	O-ring	Nitrile	-	
12	Grease			
13	Locking device	Stainless Steel AISI 304	Cast Iron GGG-40	GG-25
14	Bearing	Carbon Steel		
15	Nuts	Carbon Steel	Stainless Steel (AISI 316)	DN 933
16	Hand Wheel	Carbon Steel	Stainles Steel (AISI 316)	

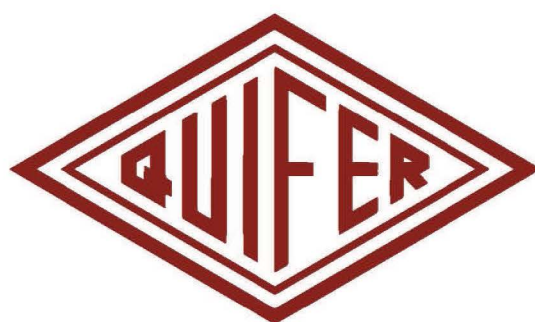
*Material for corrosive environments



GENERAL DIMENSIONS

	A	B	C	D	E	F	M	N	P	K	I	J	L
RK25	114	138	78	60	208	68	33	35	88	12	8	33,3	30
RK45	148	188,5	88,5	65	244,8	74	37	46,2	144	19,5	10	39,7	36
RK75	208	263,5	122	97,5	302,9	90	43,5	55	164	24,5	14	52,2	48
RK100	274	336	151	126	399	123	58	64,5	297	24,5	14	52,2	48
RK125	306	389,5	182	152	414,8	124	61	62,5	300	24,5	18	64,3	60
RK400	380	433,5	182	152	409	123	61	61,5	259	30	18	64,3	60
RK600	380	433,5	182	152	409	123	61	61,5	259	30	20	78,3	72
RK800	380	433,5	182	152	409	123	61	61,5	259	30	20	78,3	72

*Customizable size of diameter L



Quifer Actuators, SL. is Spanish producer of pneumatic and hydraulic actuators since 1975. Quifer Actuators has a big experience manufacturing, rack and pinion aluminum pneumatic actuators, rotary ductile Iron pneumatic actuators, scotch yoke pneumatic actuators, scotch yoke hydraulic actuators, electro-hydraulics actuators, manual gearboxes, declutch-able gearboxes limit switches, couplings and accessories for any a quarter turn valves as plug valves, ball vales or butterfly valves. Quifer Actuators has a design technician department with extensive experience and has over 30 years creating its own products and evolving existing products

