

ALFA ACCESSORIES

PNEUMATIC ACTUATORS, GEAR BOXES, LIMIT SWITCH BOXES and other



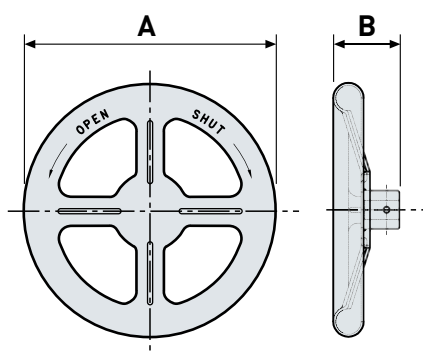


232/242 MANUAL QUARTER-TURN GEAR OPERATORS

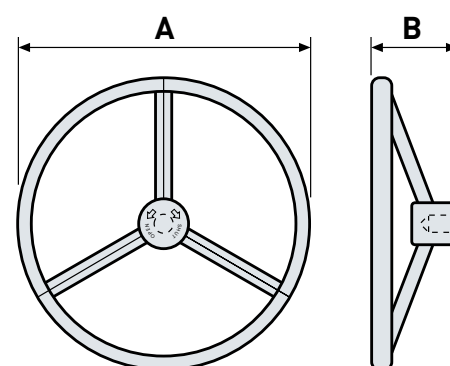
Handwheel Selection Chart

Dimensions

Type	A	B
232-06	Ø 160	49
Type	A	B
232-08	Ø 300	115
232-13	Ø 400	130
242-45	Ø 600	150

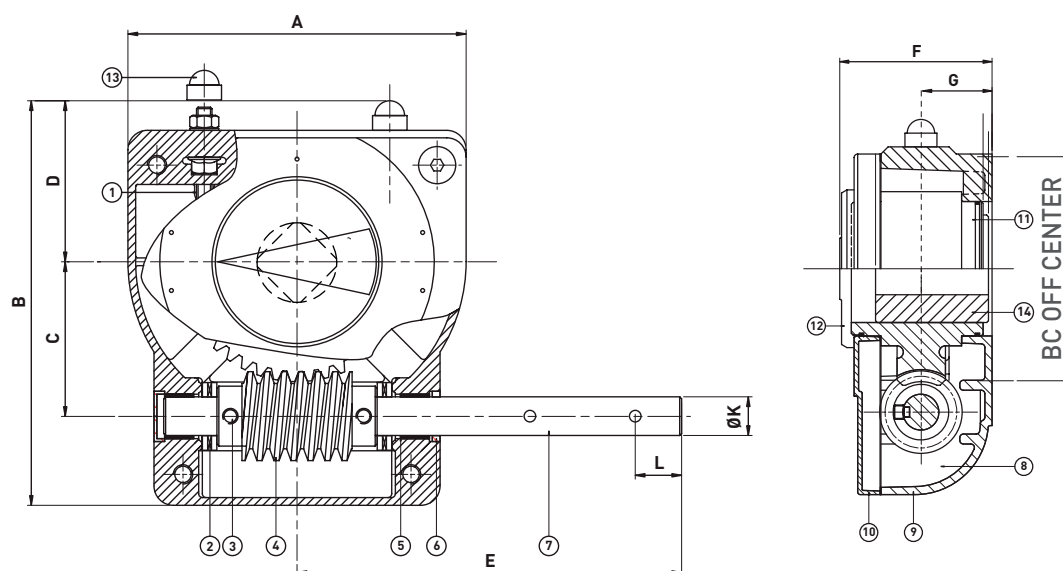


Models:
232-06, 242-45

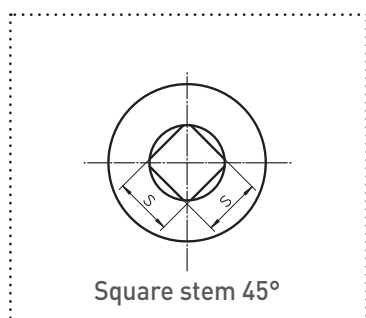


Models:
232-08, 232-13

Gearboxes



Valve Joint Coupling



Type	Torque Nm		M.A. ± 15%	Weight Kg
	Output	Input		
232-06	250	25	10	0,9
232-08	500	41,7	12	1,55
232-13	1,000	83	12	5,4
242-45	2,000	40	15	9

Material Specification

No.	PART NAME	MATERIALS	NOTES
1	Set Screw	Steel	ELVZ 8,8 / DIN 916
2	Needle Bearing	AXK-AS/LS	-
3	Worm Screw	Steel	ELVZ 12,9 / DIN 915
4	Worm	Carbon Steel	C45 / AISI 1045
5	Plain Bearing	Permaglide	E40
6	Oil Seal	Nitrile	-
7	Shaft	Protected Steel	-
8	Renolit CLX2	Calcium Soap	Multipurpose CLX
9	Body *	Aluminium	Grade LM 9
10	Coverplate *	Aluminium	Grade LM 9
11	Quadrant	Ductile Iron	GGG40 / ASTM D60-40-18
12	Position Indicator	Scanblend FS7	-
13	Nutcap	Polyethylene	-
14	Inserts	Sintered Steel	See selection table

(*) For 242-45 only, Body and Coverplate in Cast Iron (grey)

Type	A	B	C	D	E	F	G	S	ØK	L	Valve Connection BC acc. ISO 5211
232-06	80	114	42,5	48	155	59	27	17	12	14	F05-F07
232-08	100	131	50	56	170	67	28	22	12	14	F07-F10
232-13	175	209	80	83	280	85	40	27	20	24	F10-F12 / F14
242-45	156	192	81	77	159	86	53	36	20	24	F16