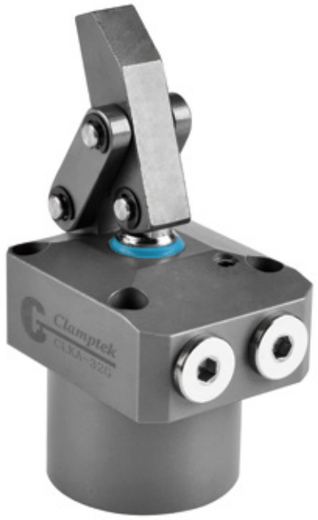
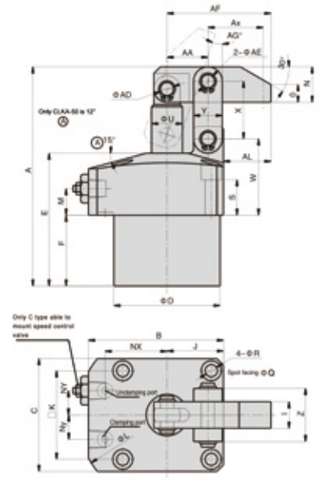
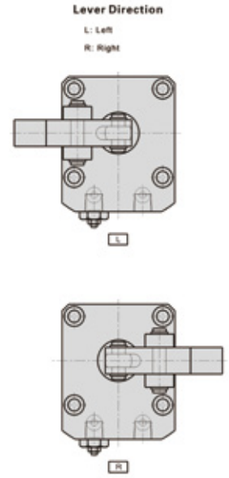
CLKA-HYDRAULIC LEVERAGE CLAMP







FEATURES

Product with optimal design,so the clamping capacity is better than others clamps.
Product with the integrated structure on support site and cylinder body,so made product will be more impact,and strength will be improved.
Product with special dustproof design,to make sure a high sealing performance.
Product with lower flange design,more suitable for compact and light fixture.

NOTE

The practical clamping force is 60%-70% of theoretical clamping force.High temperature oil seals are available on request.

Max:operating pressure 70 bar
Min: operating pressure 5 bar

ORDERING INDICATION

CLKA – 32 C L

CLKA	Series	CLKA
32	Hydraulic cylinder inside diameter	ϕ22,ϕ25,ϕ32,ϕ40 ϕ50,ϕ63,ϕ70,ϕ80
C	Port type	Blank: line type G: Manifold type C: manifold with flow type
L	Lever direction	Blank: standard L:Left R:Right

MODEL	CLAMPING FORCE AT 70 bar (KN)	SWING STROKE(mm)	CLAMPING STROKE(mm)	TOTAL STROKE(mm)	OIL CAPACITY CLAMP(cm^3)	OIL CAPACITY UNCLAMP(cm^3)	EFF.PISTON AREA CLAMP(cm^2)	EFF.PISTON AREA UNCLAMP(cm^2)	RANGE OF TEMPERATURE(℃)
CLKA-22	2.07	16	16	18.5	7.03	5.57	3.8	3.01	-10~+70°C
CLKA-25	2.74	17.5	17.5	20.5	10.07	7.75	4.91	3.78	-10~+70°C
CLKA-32	4.52	20.5	20.5	23.5	18.89	15.28	8.04	6.5	-10~+70°C
CLKA-40	6.49	23	23	26	32.66	27.43	12.56	10.55	-10~+70°C
CLKA-50	10.73	26.5	26.5	29.5	57.91	48.65	19.63	16.49	-10~+70°C
CLKA-63	17.79	32	32	35	109.06	95.76	31.16	27.36	-10~+70°C
CLKA-70	21.35	38	38	41	141.37	132.55	34.48	32.33	-10~+70°C
CLKA-80	30.94	46	46	49	246.18	199.04	50.24	40.62	-10~+70°C

Unit:mm

MODEL	A	B	C	D	E	F	I	J	K	L	M	N	O	Nx	Ny	Q	R	S	U	W	X	Y	Z	AA	AD	AE	AF	AG	AL	AX	PORT WITH LINE TYPE	O-RING HOLE (C/G TYPE)
CLKA-22	78.5	49	40	36	48	23	10	20	31.4	66	11	12.5	6	23.5	8	7.5	4.5	15.5	10	30	20	11	19	14.5	5	5	37	19.6	17	19	2-PT1/8	P5
CLKA-25	87.5	54	45	40	54	29	12	22.5	34	72	11	14	8	26	9	9	5.5	15	12	30.5	22	13	21	16	6	6	40	20.2	17.5	20.5	2-PT1/8	P5
CLKA-32	99	61	51	48	60	32	12	25.5	40	81	12	16	8	30	11	9	5.5	16	14	34.5	26	13	24	18.5	6	6	47	18.9	21.5	23.5	2-PT1/8	P5
CLKA-40	110.5	69	60	55	65	37	16	30	47	88	12	20	12	33.5	12	11	6.8	13.5	16	35.5	30	16	28	21	6	8	55	19.3	25	29	2-PT1/8	P5
CLKA-50	127.5	81	70	65	73.5	43.5	19	35	55	106	13	25	17	39.5	15	11	6.8	16	20	39	35.5	19	37	24.5	8	10	61.5	20	26.5	32	2-PT1/4	P7
CLKA-63	151	94.5	85	75	84	47	22	42.5	63	116	16	32	24	45	16	14	9	17.5	22	48	43.5	25	40	30	10	12	72.5	21.4	30	37.5	2-PT1/4	P7
CLKA-70	180	109.5	100	90	101	61	25	50	75	136	16	38	30	52.5	18.5	17.5	11	17	28	52.5	52.5	28	49	36	12	15	82.5	22.4	32.5	41.5	2-PT3/8	P7
CLKA-80	209	127	120	105	115	65	32	60	88	152	19	45	37	60	22.5	20	14	23	35.5	64	64	32	64	44	15	18	100	23.1	40	51	2-PT3/8	P7