

Code No.	7-797-102B	7-797-102A	7-797-150B	7-797-150A	7-797-225B	7-797-225A	7-797-130A	7-797-130B	
Type	1305-102-46-SDC	1305-102-46-SKC	1305-130-52-SDC	1305-130-52-SKC	1305-150-67-SDC	1305-150-67-SKC	1305-225-95-SDC	1305-225-95-SKC	
A1 Size [mm]	130	130	150	150	165	165	205	205	
B2 h6 [mm]	130	130	140	140	160	160	210	210	
C [mm]	147	147	165	165	180	180	227	227	
D [mm]	6 x ø9	6 x ø9	6 x ø9	6 x ø9	6 x ø11	6 x ø11	6 x ø11	6 x ø11	
E [mm]	165	165	185	185	202	202	249	249	
E1 [mm]	162	162	182	182	197	197	245	245	
F1 [mm]	M55x2.0	M55x2.0	M60 x 1.5	M60 x 1.5	M75 x 2.0	M75 x 2.0	M105 x 2.0	M105 x 2.0	
F2 [mm]	M50x1.5	M50x1.5	M55 x 2.0	M55 x 2.0	M72 x 1.5	M72 x 1.5	M100 x 2.0	M100 x 2.0	
F3 [mm]	M52x1.5	M52x1.5	M60 x 1.5	M60 x 1.5	M74 x 1.5	M74 x 1.5	M104 x 2.0	M104 x 2.0	
G [mm]	61	61	70	70	85	85	115	115	
H [mm]	162.5	162.5	162.5	162.5	179	179	204	204	
H2 [mm]	20.5	20.5	20.5	20.5	21	21	21	21	
I [mm]	5	5	5	5	8	8	8	8	
K [mm]	46.5	46.5	52.5	52.5	67.5	67.5	95.5	95.5	
K1 H9 [mm]	52.5	52.5	57	57	72.5	72.5	102.5	102.5	
K2 H9 [mm]	47	47	52.5	52.5	69	69	97	97	
L [mm]	83	83	83	83	94	94	106	106	
M [mm]	ø68	ø68	ø76	ø76	ø91	ø91	ø120	ø120	
N [mm]	M6 (x2)	M6 (x2)	M6 (x2)	M6 (x2)	M6 (x2)	M6 (x2)	M6 (x2)	M6 (x2)	
O [in]	G3/8	G3/8	G3/8	G3/8	G3/8	G3/8	G3/8	G3/8	
P1 [mm]	120	120	127	127	137	137	159.5	159.5	
P2 [mm]	98	98	98.0	98.0	130	130	135	135	
P3 [mm]	116	116	120	120	130	130	152.5	152.5	
R2* [mm]	32	32	32	32	32	32	32	32	
S max. [mm]	22	22	22	22	25	25	31	31	
T [mm]	73	73	73	73	82	82	94	94	
U Stroke [mm]	25	25	25	25	30	30	35	35	
V1 [mm]	9	9	9	9	10	10	11	11	
V2 [mm]	28	28	28	28	36	36	36	36	
W1	25	25	25	25	25	25	32	32	
W2 [mm]	25	25	28	28	28	28	30	30	
X [mm]	6	6	6	6	6	6	6	6	
a [mm]	122.5	122.5	122.5	122.5	136	136	155	155	
b [mm]	74	74	74	74	87.5	87.5	94	94	
e [mm]	144	144	144	144	164	164	208	208	
f [mm]	68.5	68.5	68.5	68.5	90	90	90	90	
Piston area	A [cm <sup>2</sup> ]	110	110	145.5	145.5	169	169	243	243
	B [cm <sup>2</sup> ]	103.5	103.5	138.2	138.2	157	157	226	226
Max. pressure [MPa]	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
Max. push force (p=4,5 MPa) [kN]	49.5	49.5	64	64	75	75	108	108	
Max. pull force (p=4,5 MPa) [kN]	46	46	61	61	70	70	100	100	
Oil leakage (p=3 MPa, 50° C) [dm <sup>3</sup> /min]	3	3	3.5	3.5	4	4	7	7	
Max. speed [rpm]	7,100	7,100	6,300	6,300	6,000	6,000	4,500	4,500	
Moment of inertia [kgm <sup>2</sup> ]	0.03	0.03	0.04	0.04	0.07	0.07	0.17	0.17	
Absorbed power [KW]	1.2	1.2	1.5	1.5	1.5	1.5	2	2	
Weight [lbs]	33.07	33.07	37.48	37.48	50.71	50.71	77.16	77.16	

\*Ø40 or Ø60 are available on request

1

2

3

4

5

6

1305-SDC

1305-SKC