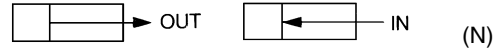


Theoretical Output Table

Applicable cylinder/Series CJ2·CM2·CA2·MB·CS1·CS2

Double Acting Cylinder



Bore size (mm)	Rod size (mm)	Operating direction	Piston area (mm ²)	Operating pressure MPa									
				0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	
6	3	OUT	28.3	5.66	8.49	11.3	14.2	17.0	19.8	—	—	—	
		IN	21.2	4.24	6.36	8.48	10.6	12.7	14.8	—	—	—	
10	4	OUT	78.5	15.7	23.6	31.4	39.3	47.1	55.0	—	—	—	
		IN	66.0	13.2	19.8	26.4	33.0	39.6	46.2	—	—	—	
16	5	OUT	201	40.2	60.3	80.4	101	121	141	—	—	—	
		IN	181	36.2	54.3	72.4	90.5	109	127	—	—	—	
20	8	OUT	314	62.8	94.2	126	157	188	220	251	283	314	
		IN	264	52.8	79.2	106	132	158	185	211	238	264	
25	10	OUT	491	98.2	147	196	246	295	344	393	442	491	
		IN	412	82.4	124	165	206	247	288	330	371	412	
32	12	OUT	804	161	241	322	402	482	563	643	724	804	
		IN	691	138	207	276	346	415	484	553	622	691	
40	14	OUT	1260	252	378	504	630	756	882	1010	1130	1260	
		IN	1100	220	330	440	550	660	770	880	990	1100	
40	16	OUT	1260	252	378	504	630	756	882	1010	1130	1260	
		IN	1060	212	318	424	530	636	742	848	954	1060	
50	20	OUT	1960	392	588	784	980	1180	1370	1570	1760	1960	
		IN	1650	330	495	660	825	990	1160	1320	1490	1650	
63	20	OUT	3120	624	936	1250	1560	1870	2180	2500	2810	3120	
		IN	2800	560	840	1120	1400	1680	1960	2240	2520	2800	
80	25	OUT	5030	1010	1510	2010	2520	3020	3520	4020	4530	5030	
		IN	4540	908	1360	1820	2270	2720	3180	3630	4090	4540	
100	30	OUT	7850	1570	2360	3140	3930	4710	5500	6280	7070	7850	
		IN	7150	1430	2150	2860	3580	4290	5010	5720	6440	7150	
125	32	OUT	12300	2460	3690	4920	6150	7380	8610	9840	11100	12300	
		IN	11500	2300	3450	4600	5750	6900	8050	9200	10400	11500	
125	36	OUT	12300	2460	3690	4920	6150	7380	8610	9840	11100	12300	
		IN	11300	2260	3390	4520	5650	6780	7910	9040	10200	11300	
140	32	OUT	15400	3080	4620	6160	7700	9240	10800	12300	13900	15400	
		IN	14600	2920	4380	5840	7300	8760	10200	11700	13100	14600	
140	36	OUT	15400	3080	4620	6160	7700	9240	10800	12300	13900	15400	
		IN	14400	2880	4320	5760	7200	8640	10100	11500	13000	14400	
160	38	OUT	20100	4020	6030	8040	10100	12100	14100	16100	18100	20100	
		IN	19000	3800	5700	7600	9500	11400	13300	15200	17100	19000	
160	40	OUT	20100	4020	6030	8040	10100	12100	14100	16100	18100	20100	
		IN	18800	3760	5640	7520	9400	11300	13200	15000	16900	18800	
180	45	OUT	25400	5080	7620	10200	12700	15200	17800	20300	22900	25400	
		IN	23900	4780	7170	9560	12000	14300	16700	19100	21500	23900	
200	50	OUT	31400	6280	9420	12600	15700	18800	22000	25100	28300	31400	
		IN	29500	5900	8850	11800	14800	17700	20700	23600	26600	29500	
250	60	OUT	49100	9820	14700	19600	24600	29500	34400	39300	44200	49100	
		IN	46300	9260	13900	18500	23200	27800	32400	37000	41700	46300	
300	70	OUT	70700	14100	21200	28300	35400	42400	49500	56600	63600	70700	
		IN	66800	13400	20000	26700	33400	40100	46800	53400	60100	66800	

Applicable cylinder/Series CG1

Double Acting Cylinder



Bore size (mm)	Rod size (mm)	Operating direction	Piston area (mm ²)	Operating pressure MPa									
				0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	
20	8	OUT	314	62.8	94.2	126	157	188	220	251	283	314	
		IN	264	52.8	79.2	106	132	158	185	211	238	264	
25	10	OUT	491	98.2	147	196	246	295	344	393	442	491	
		IN	412	82.4	124	165	206	247	288	330	371	412	
32	12	OUT	804	161	241	322	402	482	563	643	724	804	
		IN	691	138	207	276	346	415	484	553	622	691	
40	16	OUT	1260	252	378	504	630	756	882	1010	1130	1260	
		IN	1060	212	318	424	530	636	742	848	954	1060	
50	20	OUT	1960	392	588	784	980	1180	1370	1570	1760	1960	
		IN	1650	330	495	660	825	990	1160	1320	1490	1650	
63	20	OUT	3120	624	936	1250	1560	1870	2180	2500	2810	3120	
		IN	2800	560	840	1120	1400	1680	1960	2240	2520	2800	
80	25	OUT	5030	1010	1510	2010	2520	3020	3520	4020	4530	5030	
		IN	4540	908	1360	1820	2270	2720	3180	3630	4090	4540	
100	30	OUT	7850	1570	2360	3140	3930	4710	5500	6280	7070	7850	
		IN	7150	1430	2150	2860	3580	4290	5010	5720	6440	7150	