

>> SINGLE ACTING CYLINDER **ESR-SERIES**



Applicable Products



- > CAPACITY: 5-100 ton
- > STROKE: 50-250 mm
- > Max Pressure: 700 bar
- Single acting & Spring return
- Coupler port PT 3/8

Model	Tonnage (ton)	Stroke (mm)	Oil capacity (cc)	Effective area (cm ²)	Collapsed Height A (mm)	Extended Height B (mm)	Outside Diameter C (mm)
ESR-550	5	50	36	7.1	144	194	50
ESR-5100	5	100	71	7.1	194	294	50
ESR-5150	5	150	107	7.1	244	394	50
ESR-1050	10	50	80	15.9	147	197	63
ESR-10100	10	100	159	15.9	197	297	63
ESR-10150	10	150	239	15.9	247	397	63
ESR-10200	10	200	318	15.9	297	497	63
ESR-2050	20	50	166	33.2	150	200	88
ESR-20100	20	100	332	33.2	222	322	88
ESR-20150	20	150	498	33.2	272	422	88
ESR-20200	20	200	664	33.2	322	522	88
ESR-3050	30	50	221	44.2	172	222	106
ESR-30100	30	100	442	44.2	222	322	106
ESR-30150	30	150	663	44.2	272	422	106
ESR-30200	30	200	884	44.2	322	522	106
ESR-5050	50	50	354	70.8	190	240	128
ESR-50100	50	100	708	70.8	240	340	128
ESR-50150	50	150	1062	70.8	290	440	128
ESR-50200	50	200	1416	70.8	340	540	128
ESR-50250	50	250	1770	70.8	390	640	128
ESR-10050	100	50	716	143.1	222	272	185
ESR-100100	100	100	1431	143.1	272	372	185
ESR-100150	100	150	2147	143.1	322	472	185
ESR-100200	100	200	2862	143.1	372	572	185
ESR-100250	100	250	3578	143.1	422	672	185

>> SINGLE ACTING CYLINDER **ESR-SERIES**



- Mounting collar designed to hold full force
- Smooth piston resist friction & corrosion
- Solid plunger with hardened saddle
- Tilting saddle is available (optional)
- Handle is available (optional)
- Special size is available (optional)

Cylinder Bore dia D (mm)	Load Diameter E (mm)	Bottom to Advance Port F (mm)	Saddle Diameter G (mm)	Saddle Height H (mm)	Weight (kg)	Model
30	23	20	34	15	1.4	ESR-550
30	23	20	34	15	2.1	ESR-5100
30	23	20	34	15	2.7	ESR-5150
45	38	20	49	15	3.2	ESR-1050
45	38	20	49	15	3.8	ESR-10100
45	38	20	49	15	4.5	ESR-10150
45	38	20	49	15	5.1	ESR-10200
65	58	20	68	15	5.7	ESR-2050
65	58	30	68	15	8.4	ESR-20100
65	58	30	68	15	11.3	ESR-20150
65	58	30	68	15	14.2	ESR-20200
75	68	30	78	15	8	ESR-3050
75	68	30	78	15	11.8	ESR-30100
75	68	30	78	15	15.6	ESR-30150
75	68	30	78	15	19.4	ESR-30200
95	85	30	98	22	19	ESR-5050
95	85	30	98	22	22.7	ESR-50100
95	85	30	98	22	26.4	ESR-50150
95	85	30	98	22	30.1	ESR-50200
95	85	30	98	22	33.8	ESR-50250
135	105	42	118	25	45	ESR-10050
135	105	42	118	25	54	ESR-100100
135	105	42	118	25	63	ESR-100150
135	105	42	118	25	72	ESR-100200
135	105	42	118	25	81	ESR-100250