



RFJ-300

THE **RFJ-SERIES** IS A SPRING RETURN, COMPACT FLAT CYLINDER DESIGNED FOR USE IN NARROW SPACES AND AREAS WITH LOW OVERHEAD CLEARANCE.

They can be used in maintenance, machinery levelling, construction and mining applications. All RFJ-Series cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance and bronze overlay piston bearing area to resist side load induced damage. Mounting holes are standard on all models and a grooved piston rod end improves load grip. For applications requiring extra closed height flexibility the RFJ stack plate kits from 5-30 ton capacity are the perfect tool.

RFJ-1500

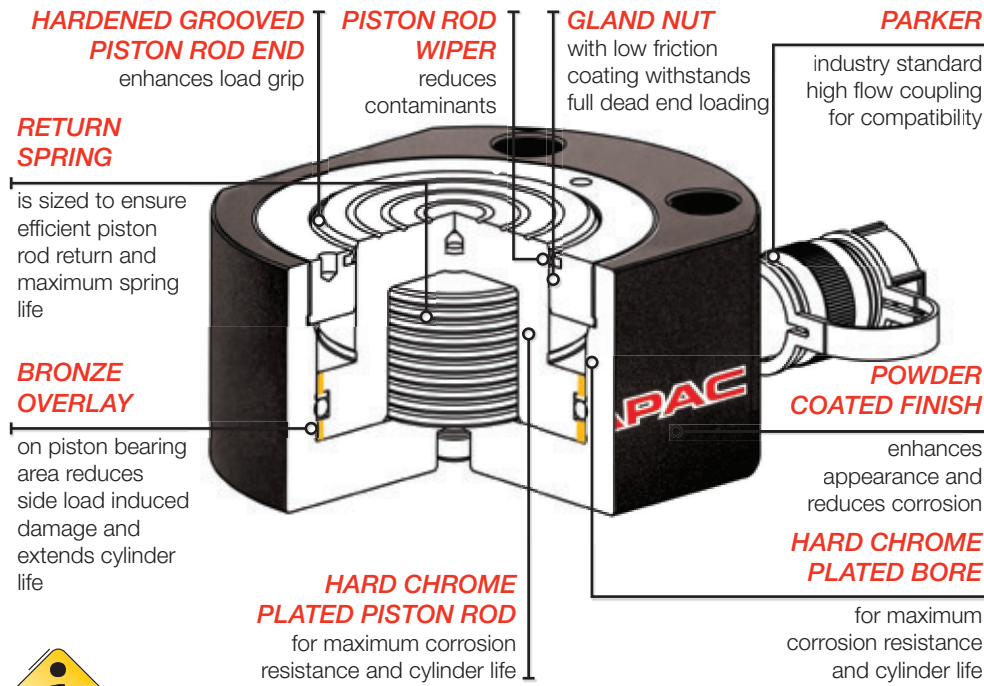
RFJ-750

RFJ-100

EXCEEDS  
ANSI/ASME B30.1  
SAFETY  
STANDARDS

Model Number	Cylinder Capacity ton* / max.		Stroke (in)	Cylinder Effective Area (in <sup>2</sup> )	Oil Capacity (in <sup>3</sup> )	A Collapsed Height (in)	B Extended Height (in)	D Outside Diameter (in)	E Cylinder Bore Diameter (in)	F Piston Rod Diameter (in)	H Base to Advance Port (in)
RFJ-50	5	4.9	0.25	0.99	0.25	1.28	1.53	2.31 x 1.63	1.13	1.00	0.63
RFJ-100	10	11.2	0.47	2.24	1.04	1.69	2.17	3.25 x 2.19	1.69	1.50	0.75
RFJ-200	20	22.1	0.44	4.43	1.94	2.03	2.47	4.00 x 3.00	2.38	2.00	0.75
RFJ-300	30	32.4	0.50	6.49	3.25	2.31	2.81	4.63 x 3.75	2.88	2.50	0.75
RFJ-500	50	48.1	0.63	9.62	6.01	2.63	3.25	5.50 x 4.50	3.50	2.75	0.75
RFJ-750	75	79.5	0.63	15.90	9.94	3.13	3.75	6.50 x 5.50	4.50	3.25	0.75
RFJ-1000	100	98.1	0.63	19.63	12.27	3.38	4.00	7.00 x 6.00	5.00	3.63	0.75
RFJ-1500	150	153.4	0.63	30.68	19.17	3.94	4.56	8.50 x 7.50	6.25	4.50	0.94

\* Nominal Cylinder Capacity in ton - see max. values for actual capacity



**CAPACITY RANGE**  
**5 - 150 ton**

**STROKE RANGE**  
**0.25 - 0.63 in**

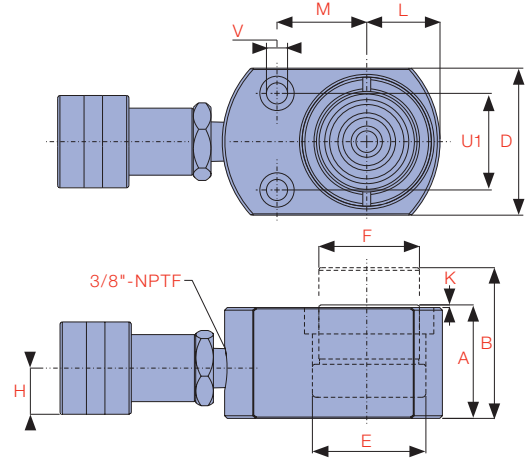
**MAXIMUM OPERATING PRESSURE**  
**10,150 psi**

**C**  
HYDRAULIC CYLINDERS

**i** RFJ-50 is supplied with a whip hose and CR-6 high flow coupling



**i** Durapac offer a range of stack plate kits from 5-30 ton capacity for an extra boost in collapsed height. Refer to CSK-Series for more details



K Load cap Protrusion from Cylinder Body (in)	L Piston Rod to Body (in)	M Piston Rod to Mounting Hole (in)	Base Mounting Holes				Weight (lbs)	Model Number	Handle Type
			U1 Hole Pitch (in)	V Hole Diameter (in)	Counter Bore Diameter (in)	Counter Bore Depth (in)			
0.04	0.81	0.88	1.12	0.20	0.31	0.17	2.3	RFJ-50	
0.04	1.09	1.34	1.44	0.28	0.42	0.31	3.1	RFJ-100	
0.04	1.56	1.56	1.94	0.40	0.59	0.39	6.8	RFJ-200	
0.08	1.88	1.75	2.06	0.40	0.62	0.44	10.0	RFJ-300	
0.08	2.25	2.13	2.62	0.47	0.75	0.50	15.0	RFJ-500	
0.08	2.75	2.63	3.00	0.53	0.81	0.56	25.0	RFJ-750	♣
0.08	3.00	2.94	3.00	0.53	0.81	0.56	32.0	RFJ-1000	♣
0.08	3.75	3.25	4.62	0.53	0.81	0.56	58.0	RFJ-1500	♣

HANDLE TYPE: ♣ WELDED



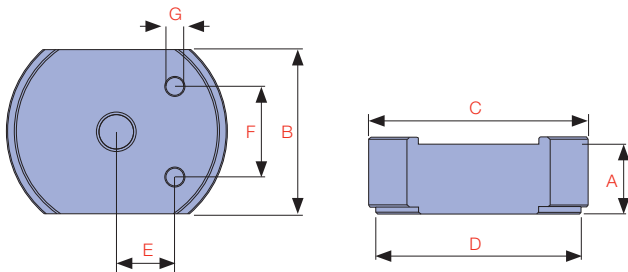
HYDRAULIC CYLINDERS

CYLINDER **STACK PLATE KITS** ARE AN EFFECTIVE ECONOMICAL SOLUTION WHERE AN EXTRA INCREASE IN CLOSED HEIGHT IS DESIRABLE.

They are designed for use with the RFJ-Series flat cylinders and incorporate a magnet to attach to the cylinder. All kits include an RFJ cylinder and carry case.



**i** Durapac offer a range of lightweight hand pumps, the perfect choice when portable manual power is desirable



Kit Model No.	Includes Cylinder Model	STD Cylinder Height (in)	Dimensions (in)										Kit Weight (lbs)
			A - Stack Plate Height				B	C	D	E	F	G	
			1	2	3	4							
CSK-5	RFJ-50	1.26	0.13	0.50	1.00	1.25	1.63	2.55	2.31	0.53	1.12	0.20	5.3
CSK-10	RFJ-100	1.69	0.39	0.79	1.57	-	2.19	3.57	3.25	0.81	1.44	0.28	8.4
CSK-20	RFJ-200	5.01	0.39	0.79	1.57	-	3.00	4.31	4.00	1.12	1.94	0.40	15.4
CSK-30	RFJ-300	2.28	0.39	0.79	1.57	-	3.75	4.94	4.63	1.31	2.06	0.40	22.3