

FPD-S

Fixomech Plain Ram Oil Return – Double Acting with Spherical Saddle

APPLICATION

These jacks are designed to provide oil force in both the advance and retraction of ram, in vertical & horizontal position, where cycle time is crucial. These are mainly used for hydraulic testing machine and for lifting, lowering, spreading of structures, bridges, heavy machinery, etc.

ADVANTAGES / FEATURES

- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty application.
- Spherical saddle tilt angle max 5 Degrees.
- High-pressure long-life Oil seals. Ram wiper protect sinner cylinder from dirt. which extends cylinder life.
- Relief valve protects against over pressurizing while in return position.
- Bottom mounting holes, collar threading is provided on request.
- Grooved Sph. Saddle for Adequate Gripping.
- Spherical Saddle reduces damage to jack against off- centre load.

FPD-S Series – F: Fixomech, P: Plain Rod, D: Double Acting Oil Return, S: Spherical Saddle

Model	Cap. in (ton)	Cap. in (kN)	Stroke in (mm)	"A" Close Height	Effective area in (cm ²)	Oil Cap in (cc)	"B" Cylinder OD	"C" Cyl Bore ID	"D" Ram dia.	"E" Saddle dia.	wt. Approx. in kg
FPDS 10 - 150	10	111	150	285	15.9	239	75	45	30	28	8.3
FPDS 15 - 150	15	167	150	290	23.8	356	85	55	40	35	11.3
FPDS 20 - 150	20	218	150	300	31.2	468	95	63	50	48	14.6
FPDS 25 - 150	25	270	150	310	38.5	577	95	70	55	53	14.8
FPDS 30 - 150	30	309	150	320	44.2	663	100	75	55	53	16.5
FPDS 50 - 150	50	550	150	320	78.5	1178	130	100	70	67	27
FPDS 75 - 150	75	792	150	330	113.1	1696	155	120	90	87	40
FPDS 100 - 150	100	1077	150	330	153.9	2309	180	140	110	100	54.5
FPDS 150 - 150	150	1589	150	345	227.0	3405	220	170	140	130	87
FPDS 200 - 150	200	2199	150	370	314.2	4712	255	200	150	140	119.5
FPDS 250 - 150	250	2661	150	385	380.1	5702	280	220	180	170	153
FPDS 300 - 150	300	3167	150	400	452.4	6786	310	240	180	170	189
FPDS 400 - 150	400	4008	150	425	572.6	8588	350	270	220	210	265
FPDS 500 - 150	500	4948	150	450	706.9	10603	400	300	240	230	367
FPDS 600 - 150	600	5987	150	480	855.3	12829	430	330	270	260	453
FPDS 800 - 150	800	7939	150	515	1134.1	17012	505	380	300	290	655
FPDS 1000 - 150	1000	9930	150	560	1418.6	21279	560	425	350	340	896