



"innovation in its most functional form"

PRODUCT DATA SHEET

HP350S HYDRAULIC SINGLE PORT

SEALED HAND PUMP

PRESSURE RATING: 1st STAGE: 13.8 bar (197 psi) 2nd STAGE: 700 bar (10,000 psi) CAPACITY: 350cc TOOL WEIGHT = 4kg (8.82 lbs)

KIT COMPONENTS

x HP350S Pump Unit
 x 0-1000 bar (0-15,000 psi) Gauge
 x ³/₈" Port Gauge Adaptor
 x Instruction Manual
 x Cardboard Packaging
 Product Code: HP350SMIN

TOOL DESCRIPTION

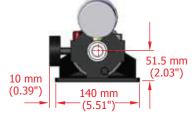


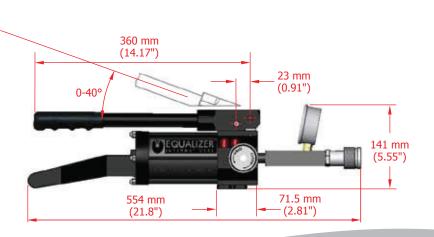
MODEL		HP350S
PUMP TYPE		TWO SPEED
PRESSURE RATING (bar/psi)	1ST STAGE 2ND STAGE	13.8 (197) 700 (10,000)
USABLE OIL CAPACITY (cc/in3)	350.0 (21.35)
OIL VOLUME PER STROKE (cc/in ³)	1ST STAGE 2ND STAGE	3.62 (0.221) 0.77 (0.046)
MAX HANDLE EFFORT (kg/lb)		33 (72.75)
PISTON STROKE (mm/in)		18.0 (0.71)

The HP350S hydraulic hand pump unit is tailored for use with Equalizer International hydraulic equipment. Its output is regulated to 700 bar (10,000 psi) and is delivered from an output port threaded 3/8" NPT. The pump can be used with any 700 bar (10,000 psi) rated hydraulic equipment with an oil capacity of 350cc (21.35 in³) or less. The diaphragm oil reservoir means that, unlike conventional hand pump units, the HP350S is operable at all angles and is highly resistant to accidental spillage of hydraulic fluid. Forfurther details please request an instruction manual.

WEIGHTS AND DIMENSIONS

Tool Only GROSS KIT WEIGHT	4 kg (8.82 lbs) 4.5 kg (9.92 lbs)
Packaging Dimension 180 x 180 x 600 mm	09″ x 7.09″ x 23.62″)





info@equalizerinternational.com www.equalizerinternational.com



"innovation in its most functional form"

RANGE OF APPLICATION

All hydraulic equipment with an oil capacity of 350cc (23.13 in) or less and an operating pressure of 10,000 psi (700 bar)

PARTS LIST AND EXPLODED DRAWING

							-
ITEM	PART No.	DESCRIPTION	KIT QUANTITY	PUMP QUANTITY	ITEM	PART No.	
01	710101-01	PUMP HOUSING		01		715800-01	t
01	715100-01	SERVICE KIT A:		01	40	/13000-01	
02	/13100-01	- OIL FILTER	01	01	40		
02		- O-RING	01	01	41		
03		- RESERVOIR BLADDER	01	01			
04			-	-	43		
	740004 04	- REFILLING PLUG	01	01	44		
06	710601-01	RESERVOIR		01	45		
07	725200-01	SERVICE KIT B:	0.1	0.4	45		
07		- TAIL BASE	01	01	46		
08		- SCREW	04	04	47		
09		- SPRING WASHER	04	04	47		
10		- NUT	04	04	48		
	715300-01	SERVICE KIT C:			49		
11		- O-RING	01	01		715900-01	
12		- BACK-UP RING	01	01	50	/13900-01	
13		- PUMP PISTON	01	01	50		
14		- SNAP RING	01	01	51	746400.04	
15		- O-RING	01	01	50	716100-01	
16		- BACK-UP RING	01	01	52		
17		- PUMP PISTON	01	01	53		
	715400-01	SERVICE KIT D:			24		
18		- HANDLE	01	01	33	716200.01	
19		- YOKE	01	01	54	716200-01	
20		- PISTON PIN	01	01	54		
21		- YOKE PIN	01	01	55		
22		- RETAINING RING	01	01	22	74 6 2 0 0 0 4	
23		- HANDLE GRIP	01	01	FC	716300-01	
24		- SCREW	01	01	56		
- ·	715500-01	SERVICE KIT E:	01	01			
25	, 10000 01	- YOKE BASE	01	01	57 58		
26		- SPRING PIN	01	01	20		
20	715600-01	SERVICE KIT F:	01	01			
27	7 10000 01	- RELEASE VALVE	01	01			
21		SCREW	01	01			
28		- WASHER	01	01			
29		- SEAL	01	01			
30		- SCREW	01	01			
31			01	01			
32		- RELEASE KNOB	01	01			
33		- COUPLERS	01	01			
33	745700.04	- CHECK BALL	01	01			
24	715700-01	SERVICE KIT G:	0.2	02			
34		- SPRING	02	02			
35		- STEEL BALL	02	02			
36		- OUTLET BALL SPRING	02	02			
37		- COPPER WASHER	02	02			
38		- VALVE COVER SCREW	02	02			
39		- STEEL BALL	02	02			

(10)

8

(10

ITEM	PART No.	DESCRIPTION	KIT QUANTITY	PUMP QUANTITY
	715800-01	SERVICE KIT H:		
40		- STEEL BALL	01	01
41		- SPRING END CAP	01	01
42		- L.P. SPRING	01	01
43		- O-RING	02	02
44		- OVERLOAD COVER SCREW	01	01
45		- CAP	02	02
46		- OVERLOAD COVER SCREW	01	01
47		- CONE SEAT	01	01
48		- CONE	01	01
49		- LONG SEPARATOR	01	01
	715900-01	SPRING SERVICE KIT I:		
50		- BASE PLATE	01	01
51		- SCREW	02	02
	716100-01	SERVICE KIT K:		
52		- SCREW	04	03
53		- SCREW	01	01
24		- SCREW	01	01
33	716200-01	- CHECK BALL SERVICE KIT L:	04	03
54		 GAUGE COUPLER MALE 	01	01
55		- GAUGE	01	01
	716300-01	SERVICE KIT M:		
56		- GAUGE COUPLER FEMALE	01	01
57		- COUPLER	01	01
58		- GAUGE PORT	01	01
		ADAPTOR	51	51

(23) (18)

(5) (4)

info@equalizerinternational.com www.equalizerinternational.com

(21)

20

(53) (24

17 25)(26)

C

33

(50) (51)

(2)

52

28) (32

> (33) (27

> > 31