

HI-POWER® HI-QUALITY HEAVY DUTY HYDRAULIC HAND PUMP 700 BAR

HI-TECHNOLOGY, ULTRA HI-PRESSURE 10000 PSI

THE BEST TECHNOLOGY PREMIUM PUMP GRADE A

HIPOWER P90 PRO SET



HI-POWER® P90-450



HI-POWER® P90-900



HI-POWER® P90-1800

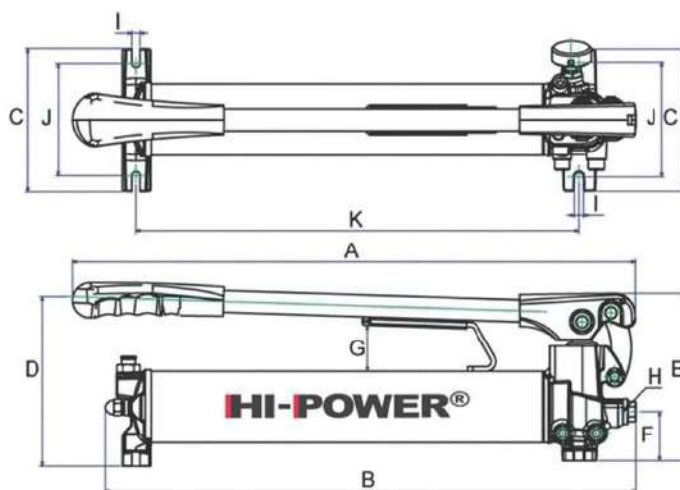


HI-POWER® P90-2500



FEATURES: HI-QUALITY HEAVY DUTY HYDRAULIC HANDPUMP 700 BAR

- High pressure hydraulic hand pumps with internal pressure relief valve for overload protection.
- Reduced handle effort and ergonomic grip for less operator fatigue.
- Two-speed operation for fast and easy operation
- Vent free reservoir eliminates spills.
- Quick grip handle allows for easy transport.
- Chrome plated plunger and wiper system for durable, long lasting performance.



Model No.	Oil Capacity (cm ³)	Pressure Rating (BAR)		Oil Displacement per Stroke (cm ³)		A	B	C	D	E	F	G	H	I	J	K	Weight (kgs)
		1st Stage	2nd Stage	1st Stage	2nd Stage	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
P90-450	450	20	700	19.4	1.2	447	369.5	140	163	164	48.5	45		8	112	282	6.5
P90-900	900	20	700	19.4	2.8	560	530	140	167	164	48.5	45		8	112	442	7.8
P90-1800	1800	20	700	19.4	2.8	633	597.5	140	170	164	48.5	36.5	3/8"	8	112	510	10
P90-2500	2500	27.5	700	39.5	2.8	633	578	150	208	195	55	46	NPT	8	121	502	13.5
P90-2500D	2500	27.5	700	35.6	2.8	633	609	150	208	195	38	47		8	121	502	15
P1000B	2100	20	1000	19.4	1.2	560	530	140	167	164	48.5	45		8	112	442	7.8

Pressure Gauge 700 Bar, 10000 psi
Glycerine filled pressure gauge 1000 Bar
Material : SUS stainless steel

HG-2535L

Applications

- For measuring points with high dynamic pressure loads or vibrations

FOR Hydraulic HI-POWER System Max. Pressure 1000 Bar , 14500 psi

Special features

Vibration and shock resistant
 Especially sturdy design
 Scale ranges up to 0 700 bar
 & 0 10000 psi

Description

MODEL : HG-2535L

Nominal size in mm

FACE DIA : 2 1/2 inch (63.5 mm.)

Accuracy

+/- 1%

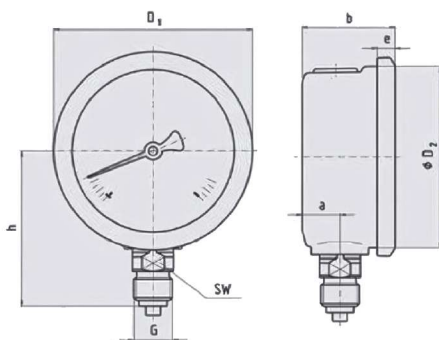
Scale ranges

BAR : 0 200 bar 700 bar

PSI : 0 5000 psi 10000 psi

MODEL : HG-2535L Dimensions in mm

Lower mount (LM)



Process connection

SUS Stainless Steel Thread

lower mount (LM)

CONNECTION PORT SIZE : 1/4 NPT



Permissible temperature

Ambient: -20 ... +60 °C

Medium: +60 °C maximum

Temperature effect

When the temperature of the measuring system deviates from the reference temperature (+20 °C):

Max. ±0.4 %/10 K of the span

Ingress protection

IP 65 per EN 60529 / IEC 529

Refer to ASME-B40.100, EN837-2



HI-POWER

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DIMENSIONS (mm)

Weight in kg

MODEL	a	b ± 0.5	b ₂ ± 0.5	D ₁	D ₂	e	G	h ± 1	SW	Weight in kg
HG-2535L	13	44	79	80	80	5.5	1/4 NPT	60	14	0.40 kgs.

MODEL HGA-4

Gauge port
C(NPTF)
1/4

Male end
D(NPTF)
3/8

Female end
E(NPTF)
3/8

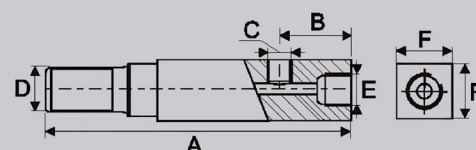
DIMENSIONS (mm)

A	B	C	D	E	F
133	48	1/4NPTF	3/8NPTF	3/8NPTF	32

HI-POWER® Gauge Adaptor 700 Bar

HI-POWER HI-Quality # HGA-4 NEW
 Durable&Easy to mounting for pressure gauge
 HI-POWER Female ports for hose or coupler ,
 male screw port for pump or cylinder ,
 upper port for gauge connection.

HGA-4 NEW



HI-POWER®

HI-POWER® ACCESSORIES Max. Working Pressure, 700 bar

HI-POWER® HIGH-PRESSURE HYDRAULIC HOSE w.p. 10000 psi at b.p. Pressure 20000 psi

- Heavy-duty hoses rated at 700 bar, meet IJ-100 specifications
- Hoses are black rubber coated with two layers of steel braided reinforcement, I/D of 1/4"
- Flexible hoses with rubber guards at both ends to protect the adapters. Available to spacial lengths upon request.

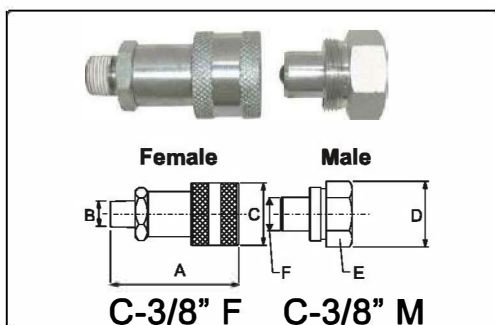
HI-POWER®



SH-9206



SH-7206



C-3/8" F C-3/8" M

Type	Hose END		Lenght (mm)	TUBE INTERNAL DIAMETER
	End one	End two		ID (mm)
Rubber				
SH-9201	3/8" NPTF	3/8" NPTF	600	6,4
SH-9202	3/8" NPTF	3/8" NPTF	900	6,4
SH-9203	3/8" NPTF	3/8" NPTF	1500	6,4
SH-9206	3/8" NPTF	3/8" NPTF	2000	6,4
SH-9209	3/8" NPTF	3/8" NPTF	2400	6,4
SH-9210	3/8" NPTF	3/8" NPTF	3000	6,4
SH-9212	3/8" NPTF	3/8" NPTF	3600	6,4
SH-9215	3/8" NPTF	3/8" NPTF	4500	6,4
SH-9220	3/8" NPTF	3/8" NPTF	6000	6,4
SH-9301	3/8" NPTF	3/8" NPTF	600	9,4 high flow
SH-9302	3/8" NPTF	3/8" NPTF	900	9,4 high flow
SH-9303	3/8" NPTF	3/8" NPTF	1500	9,4 high flow
SH-9306	3/8" NPTF	3/8" NPTF	1800	9,4 high flow
SH-9309	3/8" NPTF	3/8" NPTF	2400	9,4 high flow
SH-9310	3/8" NPTF	3/8" NPTF	3000	9,4 high flow
SH-9312	3/8" NPTF	3/8" NPTF	3600	9,4 high flow
SH-9315	3/8" NPTF	3/8" NPTF	4500	9,4 high flow
SH-9320	3/8" NPTF	3/8" NPTF	6000	9,4 high flow
Polyurethane				
SH7201	3/8" NPTF	3/8" NPTF	600	6,4
SH7203	3/8" NPTF	3/8" NPTF	1000	6,4
SH7206	3/8" NPTF	3/8" NPTF	2000	6,4
SH7210	3/8" NPTF	3/8" NPTF	3000	6,4
SH7215	3/8" NPTF	3/8" NPTF	4500	6,4
SH7220	3/8" NPTF	3/8" NPTF	6000	6,4
Couplers				
C-3/8" MF	3/8" NPTF	3/8" NPTF	Female & Male Coupler	
C-3/8" F	3/8" NPTF	3/8" NPTF	Female Coupler	
C-3/8" M	3/8" NPTF	3/8" NPTF	Male Coupler	

HI-POWER® COUPLER SETS

- HI-POWER QUICK COUPLER
- All couplers are rated to 700 bar, and have an anti-leak mechanism that works in either low-and/or high-pressure conditions.



C-3/8" MF



C-3/8" F



C-3/8" M

Model Number	Female Model	Male Model	Dimension(mm)					
			A	B Thread Type	C	D	E	F
C-3/8" MF	C-3/8" F	C-3/8" M	72	3/8"-18NPTF/PT	35	37	32	φ 19.05(3/4")

HI-POWER® Gauge Adaptor 700 Bar

HI-POWER HI-Quality # HGA-4 NEW
Durable&Easy to mounting for pressure gauge
HI-POWER Female ports for hose or coupler ,
male screw port for pump or cylinder,
upper port for gauge connection.

HGA-4 NEW



GA-45GC

