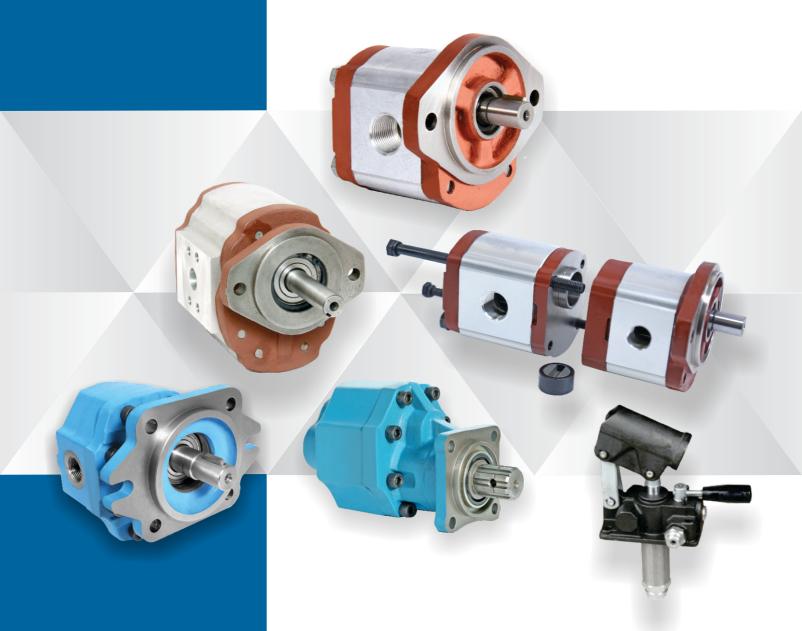
S.S.HYDRAULICS

An ISO 9001:2015 Company Since Year 2000..











Hydraulic Gear Pumps Hydraulic Cast Iron Pumps Hand Pumps

PROFILE

- **S. S. HYDRAULICS** is an ISO 9001:2015 Certified Company. We produce Hydraulic Gear Pumps with Cast Iron and Aluminium extrusion housing and Hand Pump under the brand name of **BOSS**. **SINCE THE YEAR 2000**...
- **S. S. HYDRAULICS (BOSS)** has Customer across the globe **S. S. HYDRAULICS**, having state of the art manufacturing facilities, incorporates the largest process technologies. It is able to meet varied customer needs with range of over 100 different types of hydraulic pumps with displacement ranging form 1cc to 110cc with maximum pressure of 250 Bar.
- **S. S. HYDRAULICS** also having Distribution Division of Hydraulic Parts like Hydraulic Mini Power Packs (AC, DC) Hydraulic Motors, Hydraulic Steering Units, Hydraulic Control Valves which are Imported from across the Globe and distributing in India under the brand of MERBOK.
- S. S. HYDRAULICS exports the products to world wide like since 2003....

FACILITIES



« DESIGN & QUALITY

SSH has designing of 2D, 3D and Cam software using for modeling, Reverse Engineering and New Product Development, Quality with Precise Measurement (Micron Dimension) with Trimos Height Gauge Swiss Make.

CNC SHOP »

SSH has equipped with CNC Lathes which includes HAAS (USA) and ACE Micromatic India Producing all major components in-house machining





« CNC ANGULAR GRINDING

3 Axis CNC Cylindrical Angular Grinding Machine, with In Process width control gauge and OD Control Gauge from MARPOSS (Italy)

VMC SHOP »

SSH equipped with Vertical Machining Center which includes HAAS (USA) and ACE Micromatic India



« GEAR SHOP

SSH equipped with Churchil Gear Hobbing machine and Red Ring UK Gear Shaving Machine for making in-house gear production

ASSEMBLY »

SSH has DUST PROOF assembly room with Temperature Control with AC for making assembly very precisely with controlled tolerance components for better performance



HAND PUMPS







Manual Pumps for single and double acting cylinder. Displacement of Pumps are 14.6cc & 25cc with max. Peak pressure up to 300 bar.

HYDRAULIC GEAR PUMPS



GROUP 00P PUMP TECHNICAL DATA

Pump Type	Nominal Delivery Ipm	Pressure in	Max Speed	Ports		
rump type	@ 1500 rpm	bar	rpm	Suction	Delivery	
P-20	3.0	230	3000	G 3/8"	G 3/8"	
P-50	7.5	230	3000	G 1/2"	G 3/8"	
P-75	11.25	230	3000	G 1/2"	G 3/8"	







GROUP OP TECHNICAL DATA



D T	Nominal Delivery	Pressure	Max Speed	Ports		
Pump Type	Type Ipm in rpm rpm		-	Suction	Delivery	
6003	1.2	200	3000			
6004	1.8	200	3000	G 3/8″	G 3/8"	
6006	2.5	200	3000	9	9	
6008	3.4	200	3000			
6011	4.8	200	3000			
6013	5.8	200	3000	/2"	1/2"	
6015	6.8	200	3000	G 1/2"	6 1,	

GROUP 1P PUMP TECHNICAL DATA

Pump Type	Nominal Delivery Ipm	Pressure	Max Speed	Po	rts
rump type	@ 1500 rpm			Suction	Delivery
BHP14	6.8	250	3500		
BHP17	8HP17 8.0		3500	1,5"	
BHP20	9.5	250	3500	G 1/2″	G 1/2"
BHP28	13.1	250	3500		
BHP36	16.6	250 3500			
BHP44	20.5	250	3000		
BHP52	24.0	250	3000	G 3/4"	2
BHP60	27.7	230	3000	G	G 3/4″
BHP72	33.0	210	3000		
BHP90	41.0	180	2500		









	Nominal Delivery	Pressure	Max Speed	Ports		
Pump Type	lpm @ 1500 rpm	in bar	rpm	Suction	Delivery	
6050	22.7	200	2900			
6070	32.0	200	2900			
6090	41.0	200	2900	Ð	Ð	
6105	47.7	200	2900	4 Hole mounting 3/8"-16 UNC	ountin UNC	
6120	54.5	200	2900	Hole mountir 3/8"-16 UNC	4 Hole mounting 3/8"-16 UNC	
6146	66.5	170	2500	4 Hc	4 Hc	
6158	71.8	170	2500			
6185	84.0	150	2400			
6220	100.0	130	2400			

GROUP 2P HIGH PRESSURE PUMP TECHNICAL DATA

Pump Type	Nominal Delivery Ipm	Pressure in	Max Speed	peed Ports		
	@ 1500 rpm	bar	rpm	Suction	Delivery	
G322	28.2	250	3000	G 3/4"		
G328	40.0	250	3000	0 3/4		
G332	46.0	250	2500		G 3/4"	
G336	51.0	250	2500			
G342	60.0	230	2300			
G346	66.0	230	2300	G 1"		
G350	72.0	200	2100			
G355	79.0	200	1750			
G360	86.0	180	1750			



SPECIAL APPLICATION PUMPS



TANDEM PUMPS



FEATURES:

- High Pressure
- Less Noise
- More Efficiency
- Less Pressure Drop
- More Life



GROUP - OP - OP

OP Pumps are available in SAE two bolt & four bolt flanges with parallel & taper shafts. Displacement: 2.4 Lpm to 14 Lpm Maximum pressure @ **200 bar**.



GROUP - 1P - 1P

BHP series has developed for **HIGH PRESSURE APPLICATION**, which can use up to **230 bar** maximum pressure. Pumps are available in SAE two bolt & four bolt flanges with parallel, spline & taper shafts.

Displacement: 14 Lpm to 82 Lpm. Maximum pressure @ **230 bar**. TANDEM PUMPS ARE ALSO AVAILABLE IN THESE SERIES.



GROUP - 1P - 0P

Pumps are available in SAE two bolt & four bolt flanges with parallel, spline & taper shafts. Displacement: 8 Lpm to 48 Lpm. Maximum pressure @ **200 bar**. TANDEM PUMPS ARE ALSO AVAILABLE IN THESE SERIES.



GROUP - 2P - 1P

PUMPS are available in SAE two bolt & four bolt flanges with parallel, spline & tanger shafts

Displacement: 30 Lpm to 140 Lpm. Maximum pressure @ 200 bar.



GROUP - 2P - 2P

PUMPS are available in SAE two bolt & four bolt flanges with parallel, spline & taper shafts.

Displacement: 60 Lpm to 200 Lpm. Maximum pressure @ 200 bar.

1P - 1P TANDEM PUMP CONSTRUCTION





WE ARE MANUFACTURING THE BHP SERIES TANDEM PUMP WITH "OLDHAM COUPLING" CONNECTION. Benefits of this OLDHAM COUPLING:

- Rear Pump Interchangabilty with any Combination(CC) of Tandem Pumps.
- Both pumps can be used at peak pressure
- The Protrusion parts of the Tang shaft seats in properly with Coupling.
- Since it is OLDHAM COUPLING, even if the motor- bell housing pump(1st) and the 2nd pump are misaligned the functioning won't be affected
- Thye user or customer can change the pump whichever is worn out at the time of replacement.
- The life of pumps are more as the Oldham coupling takes care of the pump in its alignment, The Guide bush life is fantastic, Volumetric efficiency is maintained for the direct coupling pumps.

	DESCRIPTION	
SR. NO.	MODEL NO.	BOLT LENGTH
1	BHP 14 + BHP 14	150
2	BHP 17 + BHP 14	150
3	BHP 17 + BHP 17	
4	BHP 20 + BHP 14	
5	BHP 20 + BHP 17	160
6	BHP 20 + BHP 20	
7	BHP 28 + BHP 14	
8	BHP 28 + BHP 17	
9	BHP 28 + BHP 20	
10	BHP 28 + BHP 28	165
11	BHP 36 + BHP 14	
12	BHP 36 + BHP 17	
13	BHP 36 + BHP 20	170
14	BHP 36 + BHP 28	175
15	BHP 36 + BHP 36	173
16	BHP 44 + BHP 14	170
17	BHP 44 + BHP 17	170
18	BHP 44 + BHP 20	175
19	BHP 44 + BHP 28	175
20	BHP 44 + BHP 36	180
21	BHP 44 + BHP 44	185
22	BHP 52 + BHP 14	
23	BHP 52 + BHP 17	175
24	BHP 52 + BHP 20	
25	BHP 52 + BHP 28	180
26	BHP 52 + BHP 36	185
27	BHP 52 + BHP 44	190

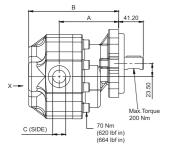
SR. NO. MODEL NO. BOLT LENGTH 28 BHP 52 + BHP 52 195 29 BHP 60 + BHP 14 170 30 BHP 60 + BHP 17 180 31 BHP 60 + BHP 20 185 32 BHP 60 + BHP 28 185 33 BHP 60 + BHP 36 190 34 BHP 60 + BHP 52 195 36 BHP 60 + BHP 60 200 37 BHP 72 + BHP 14 170 38 BHP 72 + BHP 17 185 39 BHP 72 + BHP 20 195 40 BHP 72 + BHP 28 190 41 BHP 72 + BHP 36 195 42 BHP 72 + BHP 52 200 44 BHP 72 + BHP 52 200 45 BHP 90 + BHP 17 195 46 BHP 90 + BHP 14 195 47 BHP 90 + BHP 28 200 50 BHP 90 + BHP 36 200 51 BHP 90 + BHP 36 200 51 BHP 90 + BHP 52 210 53 BHP 90 + BHP 60 215 54		DESCRIPTION	
29 BHP 60 + BHP 14 30 BHP 60 + BHP 17 31 BHP 60 + BHP 20 32 BHP 60 + BHP 28 33 BHP 60 + BHP 36 34 BHP 60 + BHP 44 35 BHP 60 + BHP 52 36 BHP 60 + BHP 60 200 37 BHP 72 + BHP 14 38 BHP 72 + BHP 17 39 BHP 72 + BHP 20 40 BHP 72 + BHP 28 41 BHP 72 + BHP 36 42 BHP 72 + BHP 36 42 BHP 72 + BHP 52 43 BHP 72 + BHP 52 44 BHP 72 + BHP 60 205 45 BHP 72 + BHP 72 46 BHP 90 + BHP 14 47 BHP 90 + BHP 17 48 BHP 90 + BHP 20 49 BHP 90 + BHP 20 49 BHP 90 + BHP 20 50 BHP 90 + BHP 36 51 BHP 90 + BHP 36 51 BHP 90 + BHP 44 52 BHP 90 + BHP 60 53 BHP 90 + BHP 60 54 BHP 90 + BHP 60 55 BHP 90 + BHP 60 56 BHP 90 + BHP 60 57 BHP 90 + BHP 60 58 BHP 90 + BHP 60 59 BHP 90 + BHP 60 50 BHP 90 + BHP 60 51 BHP 90 + BHP 60 51 BHP 90 + BHP 60 51 BHP 90 + BHP 60 52 BHP 90 + BHP 72	SR. NO.	MODEL NO.	BOLT LENGTH
30 BHP 60 + BHP 17 31 BHP 60 + BHP 20 32 BHP 60 + BHP 28 33 BHP 60 + BHP 36 34 BHP 60 + BHP 44 35 BHP 60 + BHP 52 36 BHP 60 + BHP 60 200 37 BHP 72 + BHP 14 38 BHP 72 + BHP 17 39 BHP 72 + BHP 20 40 BHP 72 + BHP 28 41 BHP 72 + BHP 36 42 BHP 72 + BHP 36 42 BHP 72 + BHP 52 43 BHP 72 + BHP 52 44 BHP 72 + BHP 60 205 45 BHP 72 + BHP 72 46 BHP 90 + BHP 14 47 BHP 90 + BHP 17 48 BHP 90 + BHP 20 49 BHP 90 + BHP 20 50 BHP 90 + BHP 36 51 BHP 90 + BHP 36 51 BHP 90 + BHP 44 52 BHP 90 + BHP 60 53 BHP 90 + BHP 60 54 BHP 90 + BHP 60 55 BHP 90 + BHP 60 56 BHP 90 + BHP 60 57 BHP 90 + BHP 60 58 BHP 90 + BHP 60 59 BHP 90 + BHP 60 50 BHP 90 + BHP 60 50 BHP 90 + BHP 60 51 BHP 90 + BHP 60 51 BHP 90 + BHP 60 51 BHP 90 + BHP 60 52 BHP 90 + BHP 60 54 BHP 90 + BHP 72	28	BHP 52 + BHP 52	195
31 BHP 60 + BHP 20 32 BHP 60 + BHP 28 33 BHP 60 + BHP 36 34 BHP 60 + BHP 44 35 BHP 60 + BHP 52 36 BHP 60 + BHP 60 200 37 BHP 72 + BHP 14 38 BHP 72 + BHP 17 39 BHP 72 + BHP 20 40 BHP 72 + BHP 28 41 BHP 72 + BHP 36 42 BHP 72 + BHP 52 200 44 BHP 72 + BHP 52 43 BHP 72 + BHP 60 205 45 BHP 72 + BHP 60 205 45 BHP 90 + BHP 17 48 BHP 90 + BHP 17 48 BHP 90 + BHP 20 49 BHP 90 + BHP 20 49 BHP 90 + BHP 20 50 BHP 90 + BHP 36 51 BHP 90 + BHP 44 52 BHP 90 + BHP 52 53 BHP 90 + BHP 60 51 BHP 90 + BHP 60 52 BHP 90 + BHP 60 53 BHP 90 + BHP 60 54 BHP 90 + BHP 60 55 BHP 90 + BHP 60 56 BHP 90 + BHP 60 57 BHP 90 + BHP 60 58 BHP 90 + BHP 60 59 BHP 90 + BHP 60 50 BHP 90 + BHP 60 50 BHP 90 + BHP 60 51 BHP 90 + BHP 60	29	BHP 60 + BHP 14	170
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33 BHP 60 + BHP 36 34 BHP 60 + BHP 44 35 BHP 60 + BHP 52 36 BHP 60 + BHP 60 200 37 BHP 72 + BHP 14 38 BHP 72 + BHP 17 39 BHP 72 + BHP 20 40 BHP 72 + BHP 28 41 BHP 72 + BHP 36 42 BHP 72 + BHP 44 43 BHP 72 + BHP 52 200 44 BHP 72 + BHP 52 200 45 BHP 72 + BHP 60 205 45 BHP 90 + BHP 17 48 BHP 90 + BHP 17 48 BHP 90 + BHP 28 50 BHP 90 + BHP 28 50 BHP 90 + BHP 36 51 BHP 90 + BHP 44 52 BHP 90 + BHP 44 53 BHP 90 + BHP 44 54 BHP 90 + BHP 44 55 BHP 90 + BHP 60 56 BHP 90 + BHP 60 57 BHP 90 + BHP 60 58 BHP 90 + BHP 60 59 BHP 90 + BHP 60 50 BHP 90 + BHP 60 51 BHP 90 + BHP 60 51 BHP 90 + BHP 60 52 BHP 90 + BHP 60 53 BHP 90 + BHP 60 54 BHP 90 + BHP 72	31	BHP 60 + BHP 20	100
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50 BHP 90 + BHP 36 51 BHP 90 + BHP 44 205 52 BHP 90 + BHP 52 210 53 BHP 90 + BHP 60 215 54 BHP 90 + BHP 72 220	49	BHP 90 + BHP 28	200
52 BHP 90 + BHP 52 210 53 BHP 90 + BHP 60 215 54 BHP 90 + BHP 72 220	50	BHP 90 + BHP 36	200
53 BHP 90 + BHP 60 215 54 BHP 90 + BHP 72 220	51	BHP 90 + BHP 44	205
54 BHP 90 + BHP 72 220	52	BHP 90 + BHP 52	210
01 00 1 0111 12 ===	53	BHP 90 + BHP 60	215
55 BHP 90 + BHP 90 230	54	BHP 90 + BHP 72	220
	55	BHP 90 + BHP 90	230

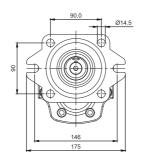
CAST-IRON GEAR PUMP

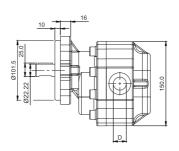
Series: (811) GAMMA

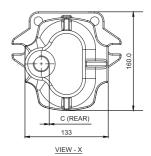


Cast Iron Hydraulic Gear pump displacements from 28 cc/rev. to 83 cc/rev. Max. peak pressure up to 250 bar max. Application: Front and Backhoe loaders, Earthmoving and Construction Machines, Truck Pto's etc.



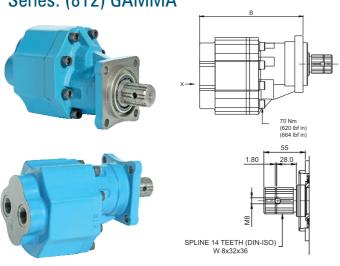


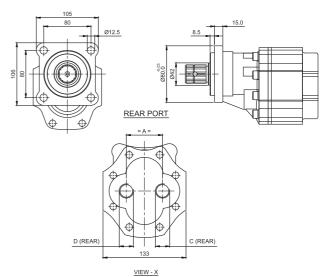




PUMP MODEL	DISPLACEMENT	PRESSURE in	MAX SPEED	A	В	С	D (DELIVER	
	cc /rev.	bar	rpm	mm	mm	(SUCTION PORT)	SIDE	REAR
MCP 30-28	28.0 cc	280	2600	102	158		G 3/4"	
MCP 30-35	35.0 cc	280	2300	103	161	G 3/4"		
MCP 30-39	39.0 cc	280	2300	106	166			
MCP 30-44	44.0 cc	280	2100	109	169			
MCP 30-52	52.0 cc	230	2100	105	173			
MCP 30-55	55.0 cc	230	2100	107	175			
MCP 30-62	62.0 cc	210	2000	110	180	G 1"	G 1	"
MCP 30-65	65.0 cc	210	1800	112	182			
MCP 30-74	74.0 cc	180	1600	114	183			

Series: (812) GAMMA





DUMP MODEL	DISPLACEMENT	PRESSURE	MAX SPEED	Α	В	CODE - R (F	EAR PORT)	
PUMP MODEL	cc/rev.	in bar	rpm	mm	mm	С	D	
		Dai				SUCTION PORT	DELIVERY PORT	
CPDR 30-44	44.0 cc	270	2000	58	190	G 3/4"	G3/4"	
CPDR 30-55	55.0 cc	250	1800	58	198	C 1"		
CPDR 30-65	65.0 cc	230	1800	58	204	G 1"	G 1"	
CPDR 30-83	83.0 cc	200	1700	58	215	G 1-1/4"		

DISTRIBUTION



HYDRAULIC MOTORS

Motor Series : MHM | MHP | MHR MHS | MHT | MHTS



MONO BLOCK VALVES

40 LTS, 80 LTS & 120 LTS Max. Pressure 315 Bar (1 to 6 spools)



HYDRAULIC POWER PACKS [AC/DC]



AC/DC Hydraulic mini power packs which cover 12, 24 and 48 volts in DC and from 0.5 HP up to 3 HP single and three phase, with flow range from 1cc to 5 cc.

SEWER JETTING TRIPLEX PUMP



High pressure triplex plunger pump for Sewer Jetting Machine / Fire Fighting. Flow of 100, 155, 200, 267 with Max. Pressure of 200 bar.



MORO - AIR VANE VACUUM PUMP



Range from (PM 60, 7200 Lt/m), (PM 70, 9400 Lt / m), (PM 80, 12000 Lt / m)



Pumps shown above represent a small portion of our Product Range. Ask for our Product list or visit our Website. We reserve the right to technical modifications. The above products shown only for reference.

S.S.HYDRAULICS



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