

**40 SERIES
POWER UNIT
D & 10 SERIES**

40 SERIES POWER UNIT



The 40 Series incorporates a larger base plate than the 30 Series to accommodate an optional two or three gallon reservoir.

Light weight, easy to install. Only three connections are required; air, fluid supply, and work port.

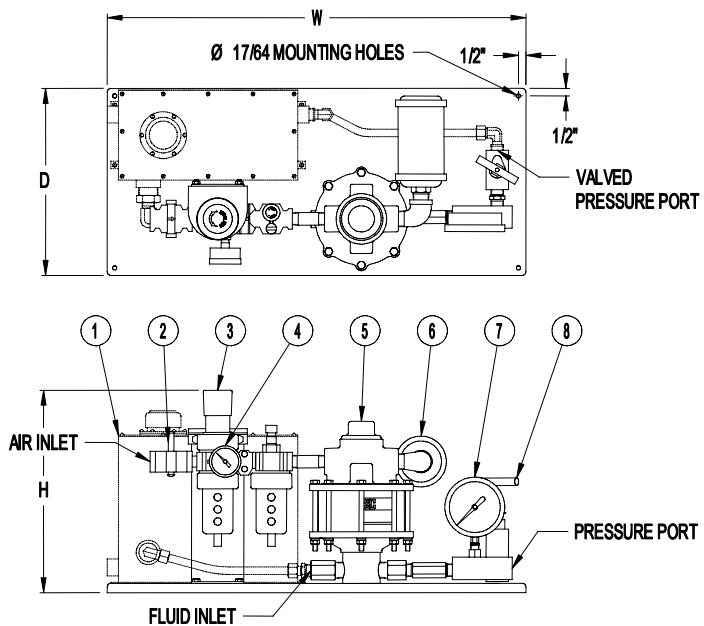
Two pressure ports, one equipped with shut-off or bleed valve, provide ease of control during operation. Valve connects to reservoir when so equipped.

Air exhaust muffler provides for quiet operation,

3 1/2" dial liquid filled gauge standard on units up to 30,000 psi.

UNIT CONSISTS OF

- (1) Optional reservoir 2 or 3 gallon
- (2) Air shut-off valve
- (3) Filter-regulator ((lubricator if required)
- (4) Air pressure gauge
- (5) SC Air Operated Pump
- (6) Air exhaust muffler
- (7) High pressure gauge (optional on models rated 30,000 psi and up)
- (8) Fluid bleed valve



40 SERIES POWER UNIT

40-4 Series 9 models – hydraulic pressure up to 22,500 psig
40-5 Series 16 models – hydraulic pressure up to 55,000 psig
40-6 Series 13 models – hydraulic pressure up to 65,000 psig

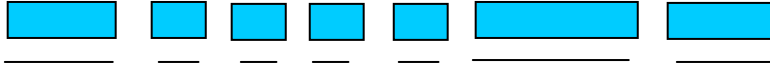
Model No. Standard	10 Series Hyd Section Code	D Series Hyd Section Code (Ratio)	Gauge Pressure	Overall Dimensions (in)			Ports NPT		
				W	D	H	Air Drive	Fluid Supply	Pressure
40-4 Series	003	(5:1)	0-1,000	21.00	12.00	12.25	1/4"	1/2"	3/8"
	005	(10:1)	0-2,000			9.25		3/8"	1/4"
	010	(15:1)	0-3,000			8.75			
	015, 020	(30:1, 35:1)	0-6,000						
	030	(55:1)	0-10,000						
	050	(100:1)	0-15,000						
	080	(140:1)	0-20,000						
	125	(220:1)	0-30,000						
40-5 or 40-D5 Series	003	5	0-1,000	28.00	12.50	15.75	1/2"	1"	1/2"
	005, 007	10, 12	0-2,000			13.50		1/2"	3/8"
	010	20	0-3,000						
	015	25	0-5,000			14.00		3/8"	1/4"
	018, 020	30, 35	0-6,000						
	030, 040	55, 70	0-10,000						
	045	85	0-15,000						
	060	105	0-15,000						
	080	140	0-20,000						
	080-HF4	140-HF4	0-20,000						
	100	195	0-30,000						
	100-HF4	195-HF4	0-30,000						
	160	280	0-30,000						
	160-HF4	280-HF4	0-30,000						
	250	440	No Gauge						
	250-HF4	440-HF4	No Gauge						
350-HF4	555-HF4	No Gauge							
40-6 or 40-D6 Series	003	5	0-1,000	28.00	12.50	20.25	1/2"	1 1/4"	1/2"
	005	10	0-2,000			17.50		1"	
	010	20	0-3,000						16.50
	015, 020	25, 35	0-6,000						
	030	55	0-10,000						
	050	95	0-15,000						
	080	145	0-20,000						
	100	180	0-30,000						
	151	240	0-30,000			16.75		3/8"	1/4"
	151-HF4	240-HF4	0-30,000						
	201	330	No Gauge **						
	201-HF4	330-HF4	No Gauge **						
	301-HF4	460-HF4	No Gauge **						
	402-HF4	740-HF4	No Gauge **			17.00		9/16-18 *	

* Coned and threaded high-pressure connection for 1/4" O.D. tubing.
** Consult Factory if gauge is desired

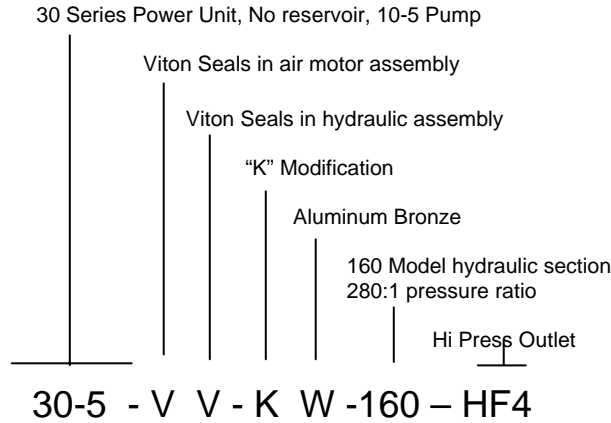
HOW TO ORDER TABLE

30, 40, 50, 60 SERIES POWER UNITS

For pump selection see individual pump information



Example #1 Power Unit Selection



Example #2 Power Unit Selection

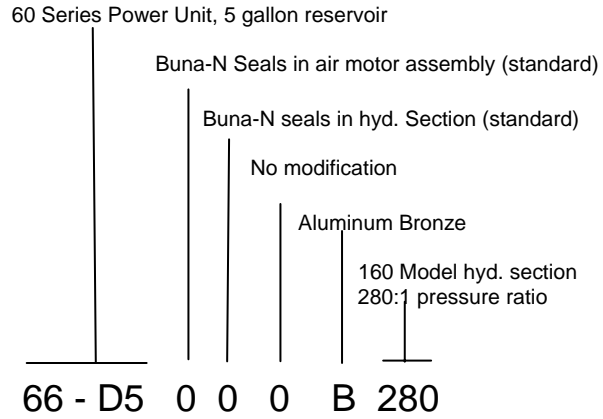


TABLE 1 ⁽⁴⁾ Power Unit Designation

3	30 Series
4	40 Series
5	50 Series
6	60 Series

TABLE 2 Reservoir Option

0	No reservoir (30, 40 only)
2	Two gallon (40 only)
3	Tree gallon (40 only)
6	Five gallon (60 only)
7	Ten gallon (60 only)

TABLE 3 Pump Series Designation

4	10-4 Series
D5	D5 Dry Lube (standard)
5	10-5 (old style)
D6	D6 Dry Lube (standard)
6	10-6 (old style)

TABLE 4 Seal Compound – Air Motor

0	Buna-N Nitrile (standard)
V	Viton

TABLE 5 Seal Compound – Hyd. Section

0	Buna-N nitrile (standard)
E	EPR - ethylene propylene
V	Fluorocarbon
*	Consult factory for special compounds

TABLE 6 Modifications

0	Standard pump
A	"A" modification
B	Bottom inlet ⁽¹⁾

TABLE 6 ⁽⁵⁾ Modifications (continued)

D	Bottom inlet – heavy duty
E	Bottom inlet – "A" modification ⁽¹⁾
G	Isolator – heavy duty ^(1,3)
H	Heavy duty ⁽¹⁾
J	Bottom inlet – "K" modification ⁽¹⁾
K	"K" modification ⁽¹⁾
M	Bottom inlet – "A" and "K" modification ⁽¹⁾
N	Isolator – "A" modification ⁽¹⁾
P	Isolator – "K" modification ⁽¹⁾
Q	Isolator – "A" and "K" modification ⁽¹⁾
R	Isolator ⁽¹⁾
S	Heavy duty – "K" modification ^(1,3)
U	Heavy duty – bottom inlet – "K" mod. ^(1,3)
V	Heavy duty – isolator – "K" modification ^(1,3)

TABLE 7 Material of Construction – Hyd. Section

W	Aluminum bronze & stainless steel (10-4, 10-5, 10-6 Series) standard
B	Aluminum bronze & stainless steel (D5, D6 Series) standard
S	All stainless steel
C	Cad plate carbon steel, stainless steel ⁽²⁾

TABLE 8 Model designation – Pressure ratio

Refer to pressure ratio charts for proper selection

TABLE 9 Port option

Blank	Standard
SAE	Straight thread as indicated on chart
HF4	9/16-18 x 1/4" OD tube 60K psi

Notes:

- (1) Not available for 10-4 Series
- (2) 25 piece minimum order
- (3) "A" modification included with all "H" modifications.
- (4) Do not fill gap on a two digit description. Refer to Example #2
- (5) If digit from Table 1 is "6" this letter must be "B", "D", "E", "J", "M", or "U",