

**TUBULAR FRAME
POWER UNIT
D & 10 SERIES**

TUBULAR POWER UNITS



These rugged power units are built to handle the toughest conditions.

The tubular frame is constructed with cold rolled, heavy wall steel and finished with a thick powder coated paint.

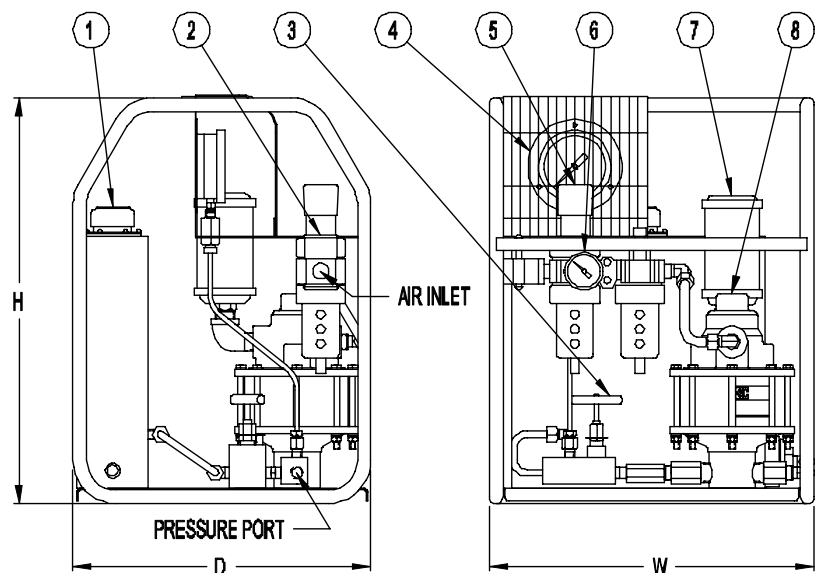
Each unit is equipped with a durable 2.2 gallon polyethylene reservoir, bleed valve, air controls, muffler, and protected high pressure gauge on most models.

The weight of a power unit is only 30 to 40 pounds depending on the pump model selected.

These portable power units are the perfect solution whenever high pressure is needed in the field and only a compressor is available. The only connections required are a 1/2" NPT port to the air drive and the pressure work port.

UNIT CONSISTS OF

- (1) Reservoir 2.2 gallon
- (2) Air shutoff valve
- (3) Fluid bleed valve
- (4) High pressure gauge (optional on models rated 30,000 psi and up)
- (5) Filter-regulator (lubricator if required)
- (6) Air gauge
- (7) Air exhaust muffler
- (8) SC Air Operated Pump



TUBULAR POWER UNITS

S10016 9 models – hydraulic pressure up to 22,500 psig
S10017/S10027 15 models – hydraulic pressure up to 55,000 psig
S10018/S10026 11 models – hydraulic pressure up to 65,000 psig

Model No. Standard	10 Series Hyd Section Code	D Series Hyd Section Code (Ratio)	Gauge Pres- sure	Overall Dimensions (in)			Ports NPT		
				W	D	H	Air Drive	Pressure	
S10016 10-4 Pump	003	(5:1)	0-1,000	18.00	15.00	18.25	1/4"	3/8"	
	005	(10:1)	0-2,000					1/4"	
	010	(15:1)	0-3,000						
	015, 020	(30:1, 35:1)	0-6,000					1/4"	
	030	(55:1)	0-10,000						
	050	(100:1)	0-15,000						
	080	(140:1)	0-20,000						
125	(220:1)	0-30,000							
S10017 (10-5 Pump)	005, 007	10, 12	0-2,000	18.00	16.50	22.50	1/2"	1/2"	
	010	20	0-3,000					3/8"	
	015	25	0-5,000						
	018, 020	30, 35	0-6,000					1/4"	
	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						9/16-18 *
	100	195	0-30,000						1/4"
	100-HF4	195-HF4	0-30,000						9/16-18 *
	160	280	0-30,000						1/4"
	160-HF4	280-HF4	0-30,000						9/16-18 *
	250	440	No Gauge **						1/4"
250-HF4	440-HF4	No Gauge **	9/16-18 *						
350-HF4	555-HF4	No Gauge **	9/16-18 *						
S10018 (10-6 Pump)	010	20	0-3000	18.00	16.50	22.50	1/2"	1/2"	
	015, 020	25, 35	0-6000					3/8"	
	030	55	0-10,000						
	050	95	0-15,000					1/4"	
	080	145	0-20,000						
	100	180	0-30,000						
	151	240	0-30,000						
	151-HF4	240-HF4	0-30,000						9/16-18 *
	201	330	No Gauge **					1/4"	
	201-HF4	330-HF4	No Gauge **					9/16-18 *	
	301-HF4	460-HF4	No Gauge **					9/16-18 *	
402-HF4	740-HF4	No Gauge **	9/16-18 *						

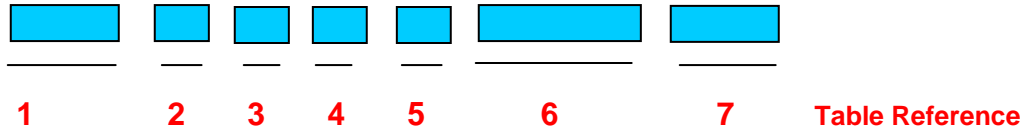
* Coned and threaded high-pressure connection for 1/4" O.D. tubing.

** Consult Factory if gauge is desired

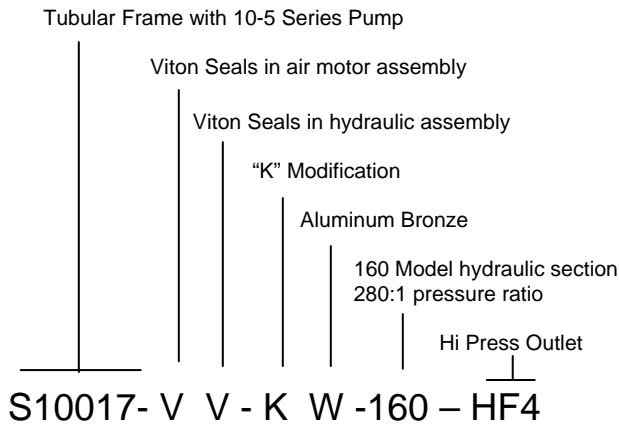
HOW TO ORDER TABLE

D/10 SERIES TUBULAR FRAME POWER UNITS

For pump selection see individual pump sections



Example #1 Power Unit Selection



Example #2 Power Unit Selection

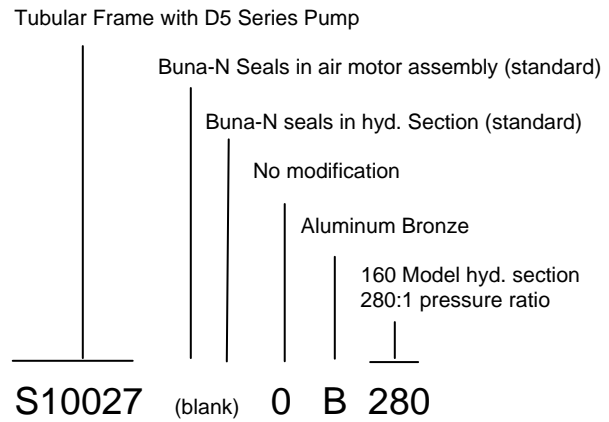


TABLE 1 Power Unit Designation

S10016	10-4 Series Pump
S10017	10-5 Series Pump
S10027	D5 Series Pump
S10018	10-6 Series Pump
S10026	D6 Series Pump

TABLE 2 Seal Compound – Air Motor ⁽³⁾

Blank	Buna-N Nitrile (standard)
V	Viton

TABLE 3 Seal Compound – Hyd. Section ⁽³⁾

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

TABLE 4 Modifications

0	Standard pump
A	"A" modification
G	Isolator – heavy duty ^(1,2)
H	Heavy duty ⁽¹⁾
K	"K" modification ⁽¹⁾

TABLE 4 (continued)

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 ^(1,2)
V	Heavy duty – isolator – "K" modification ^(1,2)

TABLE 5 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

TABLE 6 Model designation – Pressure ratio

Refer to pressure ratio charts for proper selection

TABLE 7 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) "A" modification included with all "H" modifications.
- (3) Do not fill gap on a two digit description. Refer to Example #2