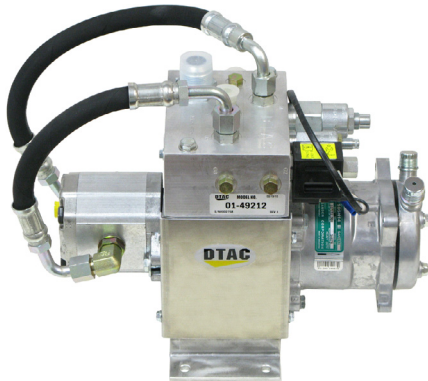




HYDRAULIC COMPRESSORS

01-49200 Series

Hydraulic Driven Compressor

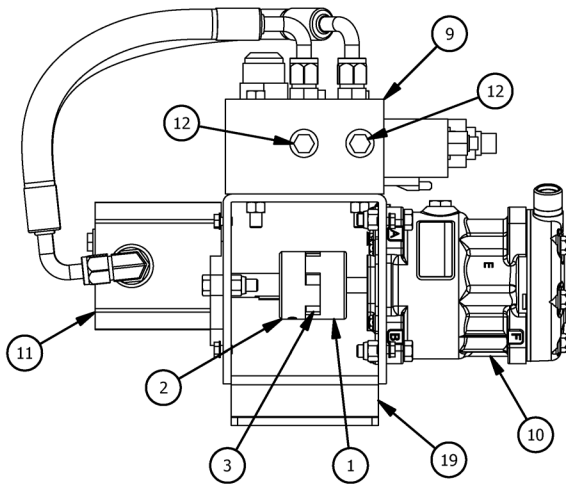


FEATURES

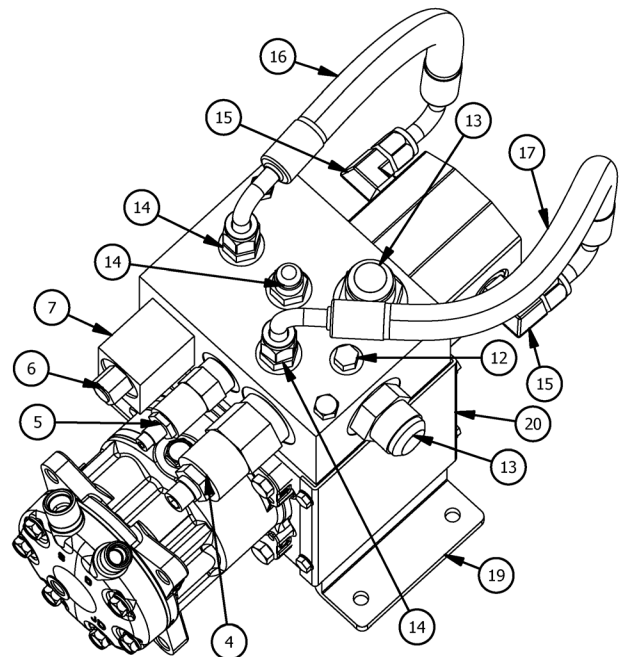
- Available 12 or 24 Volt Water
- Complete Assembly with Fluid Controls & Solenoid Valve

NOTE

- Dimensions Include Fluid Controls & Solenoid Valve Completely Plumbed to Sanden Compressor, Hydraulic Gear Pump & Mounting Bracket



View with Side Covers Removed



HYDRAULIC COMPRESSORS

01-49200 SERIES PARTS LIST						01-49200 SERIES PARTS LIST					
ITEM	QTY 12V	QTY 24V	DTAC NO.	DESCRIPTION	NOTE	ITEM	QTY 12V	QTY 24V	DTAC NO.	DESCRIPTION	NOTE
1	1	1	01-10768	Coupler, Spec 7/16		12	3	3	09-200242	SAE #4 Ftg	
2	1	1	01-10770	Coupler 5/8 x 3/16		13	2	2	09-64001616	Hyd Fitting	
3	1	1	01-11070	NBR Spider Coupler		14	3	3	09-64088	Hyd Fitting	
4	1	1	01-49001	Pr. Flow Reg Cart		15	2	2	09-6801810	90 Deg Hyd Fit	
5	1	1	01-49002	Relief Vlv Cart		16	1	1	10-49000	Hyd Hose, Outlet	
6	1	1	01-49003	2 Way Vlv Cart.		17	1	1	10-49001	Hyd Hose, Inlet	
7	1	0	01-49012	12V Vickers Coil		18	1	1	12-00491	Wire Harness	1
8	0	1	01-49024	24V Vickers Coil		19	1	1	75-00003	Aluminum Hyd.Brkt	
9	1	1	01-49194	Hyd Manifold		20	2	2	75-00004	Cover Plate	
10	1	1	01-55093	Sanden w/o Clutch		21			Note 1	Not Shown	
11	1	1	02-40004	Hydraulic Motor							

MINIMUM GPM	MAXIMUM GPM	OPERATING PSI	HEIGHT	WIDTH	LENGTH	WEIGHT	COIL VOLT	DTAC NO.
5	40	1300	15"	14"	17.5"	42 LBS	12V	01-49212
"	"	"	"	"	"	"	24V	01-49224



Hydraulic Compressor Installation Instructions

01-49212 12 Volt

01-49224 24 Volt

Refer to drawing on back.

1. Unit requires a constant 5-8 GPM at 1300 PSI. (Depending on fluid viscosity)
2. Priority flow regulator can handle up to 40 GPM from hydraulic source.
3. Has built in pressure relief valve (A) preset at 2000 PSI. **DO NOT ADJUST.**
4. Check with equipment manufacturer to determine the best location to tap into the hydraulic system of the equipment without affecting the working operation or safety of the machine.
5. Solenoid valve (B) has two wires. Black wire is a ground and the white wire connects to wire from A/C thermostat through pressure switches.
6. Route hose from hydraulic fluid source to inlet port (C).
7. Route hose from bypass port (D) to working function on machine.
8. Route hose from return port (E) and case drain (K) to return tank maximum pressure of 100 PSI (F).
9. Route hose from motor case drain to return tank.
10. Flow must be set between 5-8 GPM. Install flow meter between return port (E) and hose to tank. Set flow by loosening jam nut (G) and adjusting screw (H) until flow is 5-8 GPM. Tighten jam nut and remove flow meter.
11. In some application where the bypass pressure (I) is below 100 PSI when operating, a pulsing may be noticed in the system. If so, an accumulator will need to be installed. Mount accumulator on machine and run hose from accumulator to G2-Gauge Port (J). Accumulator must be charged to 650 PSI with dry nitrogen. Call your local Accumulator, Inc. distributor for accumulator P/N AM 631003.

