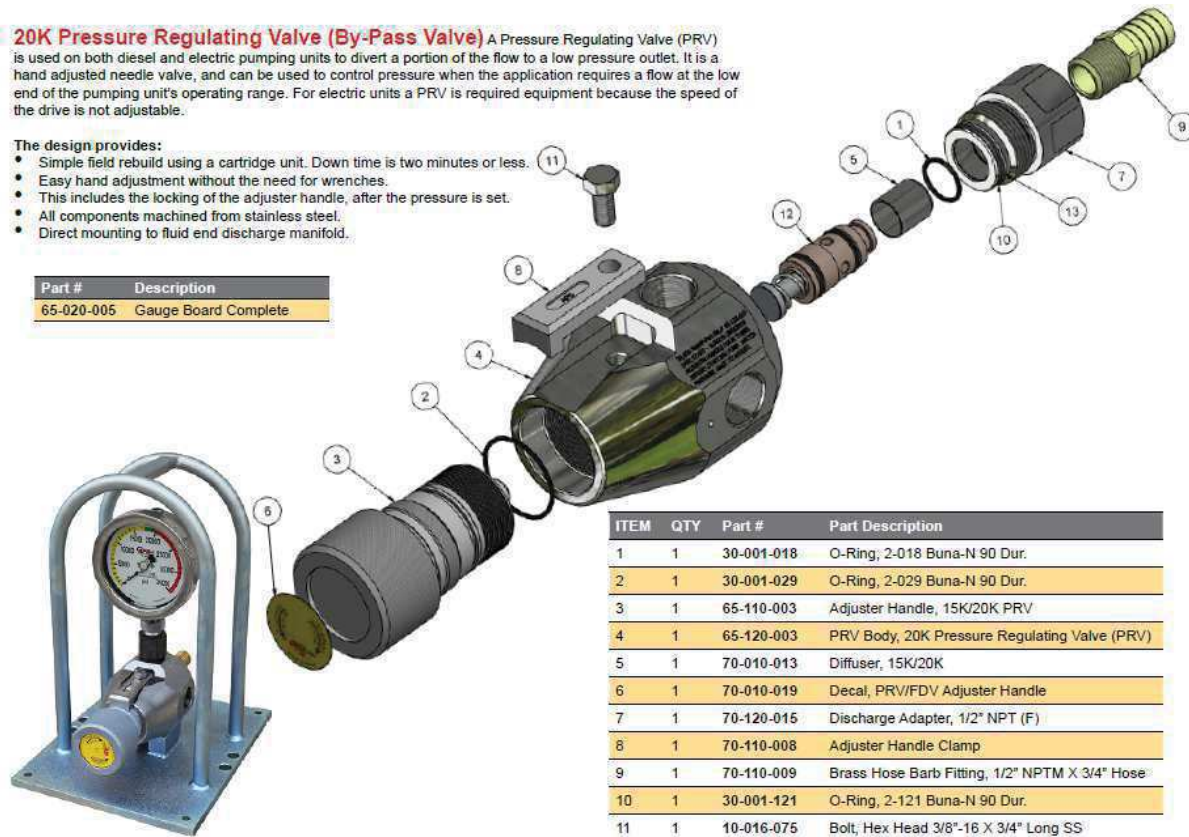


**20K Pressure Regulating Valve (By-Pass Valve)** A Pressure Regulating Valve (PRV) is used on both diesel and electric pumping units to divert a portion of the flow to a low pressure outlet. It is a hand adjusted needle valve, and can be used to control pressure when the application requires a flow at the low end of the pumping unit's operating range. For electric units a PRV is required equipment because the speed of the drive is not adjustable.

**The design provides:**

- Simple field rebuild using a cartridge unit. Down time is two minutes or less.
- Easy hand adjustment without the need for wrenches.
- This includes the locking of the adjuster handle, after the pressure is set.
- All components machined from stainless steel.
- Direct mounting to fluid end discharge manifold.

Part #	Description
65-020-005	Gauge Board Complete



ITEM	QTY	Part #	Part Description
1	1	30-001-018	O-Ring, 2-018 Buna-N 90 Dur.
2	1	30-001-029	O-Ring, 2-029 Buna-N 90 Dur.
3	1	65-110-003	Adjuster Handle, 15K/20K PRV
4	1	65-120-003	PRV Body, 20K Pressure Regulating Valve (PRV)
5	1	70-010-013	Diffuser, 15K/20K
6	1	70-010-019	Decal, PRV/FDV Adjuster Handle
7	1	70-120-016	Discharge Adapter, 1/2" NPT (F)
8	1	70-110-008	Adjuster Handle Clamp
9	1	70-110-009	Brass Hose Barb Fitting, 1/2" NPTM X 3/4" Hose
10	1	30-001-121	O-Ring, 2-121 Buna-N 90 Dur.
11	1	10-016-075	Bolt, Hex Head 3/8"-16 X 3/4" Long SS
12	1	70-020-011	20K FDV/PRV Cartridge Assembly
13	1	30-003-121	Parbak Backup Ring



Part #	Description
65-120-015	Complete Pressure Reg Valve



### 20K J/S Type Port Fittings



Part #	Description
65-120-003	BODY, J/S TYPE 20K PRESSURE REGULATING VALVE (PRV)
65-120-004	BUSHING, J/S TYPE 1"-16 RHM X 9/16" MP (F) W/O SEAL ASSY.
65-120-005	ADAPTER, 1"-16 RHM X 9/16" MP (F) W/ SEAL ASSY. (J/S TYPE 52044)
65-120-006	PLUG, J/S TYPE 1"-16 RHM W/O SEAL ASSY.
65-120-007	PLUG, J/S TYPE 1"-16 RHM W/ SEAL ASSY. (J/S TYPE 52076)
65-120-008	HOUSING, J/S TYPE HP SS SEAL
65-120-009	SPACER, .563 O.D. X .438 I.D. ANTI-EXTRUSION
65-120-011	SEAL ASSY., 20K FACE (J/S TYPE 52040)
65-120-015	ASSY., 20K J/S TYPE PRESSURE REGULATING VALVE (PRV) (J/S TYPE: 54592)
65-120-016	ADAPTER, J/S TYPE 1"-16 RHM X 5MM (9/16"-18) TYPE M W/O SEAL ASSY. 20K
65-120-017	ADAPTER, J/S TYPE 1"-16 RHM X 8MM (3/4"-16) TYPE M W/O SEAL ASSY. 20K
65-120-018	ADAPTER, J/S TYPE 1"-16 RHM X 13MM (1"-12) TYPE M W/O SEAL ASSY. 20K
65-120-019	ADAPTER, J/S TYPE 1"-16 RHM X 1-5/16" TYPE M W/O SEAL ASSY.
65-120-020	ADAPTER, J/S TYPE 1"-16 RHM X 9/16" TYPE M W/ SEAL ASSY.(J/S TYPE 54739)
65-120-021	ADAPTER, J/S TYPE 1"-16 RHM X 3/4" TYPE M W/ SEAL ASSY. (J/S TYPE 54741)
65-120-022	ADAPTER, J/S TYPE 1"-16 RHM X 1" TYPE M W/ SEAL ASSY. (J/S TYPE 53284)
65-120-023	ADAPTER, J/S TYPE 1"-16 RHM X 1-5/16" TYPE M W/ SEAL ASSY. (J/S TYPE 54749)
65-120-024	ADAPTER, J/S TYPE 1"-16 RHF X 8MM (3/4"-16) TYPE M 20K
65-120-025	ADAPTER, J/S TYPE 1"-16 RHM X 1"-16 RHF X 2.5" LONG W/O SEAL ASSY.
65-120-026	ADAPTER, J/S TYPE 1"-16 RHM X 1/2" NPT(M) W/O SEAL ASSY. 15K MAWP
65-120-027	ADAPTER, J/S TYPE 1"-16 RHM X 1/2" NPT(M) W/ SEAL ASSY. 15K MAWP
65-120-028	ADAPTER, J/S TYPE 1"-16 RHM (PORT) X M24 X 1.5 (M) W/ SEAL ASSY. (1379 MAX. BAR)
65-120-029	ADAPTER, J/S TYPE 1"-16 RHM (PORT) X M24 X 1.5 (M) W/O SEAL ASSY. (1379 MAX. BAR)
65-120-030	TOOL, 65-120-011 SEAL ASSEMBLY (NOT FOR SALE)
65-120-031	ADAPTER, 1"-16 RHM (PORT) X 3/4" MP (F) W/SEAL ASSY. 20K MAWP (J/S TYPE: 54737)
65-120-031	1 ADAPTER, J/S TYPE 1"-16 RHM (PORT) X 3/4" MP (F) W/O SEAL ASSY. 20K
65-120-035	ADAPTER, J/S TYPE 1"-16 RHM X 1"-16 RHF X 2.5" LONG W/ SEAL ASSY.

有限会社ケイテック

URL : <http://k-tech-co-ltd.sakura.ne.jp>

E-MAIL : [k-tech@m2.pbc.ne.jp](mailto:k-tech@m2.pbc.ne.jp)

PHONE : 090-9846-7017