



TECH BULLETIN

022
09/80

Published regarding engineering changes and improvements

SUBJECT: O-Ring Repair Kit - 7001 - 7032 Regulators

CPC Regulators have been made in both round and hex body shapes. Additionally, the hex design has design changes which have improved the performance and life of the valve. These changes cannot be identified externally.

To accommodate the various design changes, the O-ring kits include O-rings to service all variations within either the hex or round. Consequently, not all O-rings are required to repair a regulator.

To determine which style O-ring to use in the kit, compare the O-rings in the kit with the O-rings from the worn regulator. If the old O-ring is lost or too damaged to identify, start with the larger of the two similar O-rings. If the larger O-ring leaves a gap when installed on the piston, remove it and use the smaller size O-rings.

O-RING KIT NUMBERS

Regulator PN	GPM	PSI	OLD STYLE	CURRENT STYLE
			Round	Hex
7001	0.5 - 5	100 - 1000	30770	30771
7002	0.5 - 5	500 - 2000	30772	30771
7003	0.5 - 5	1500 - 3000	30774	30775
7011	1.0 - 10	100 - 1000	30776	30777
7012	1.0 - 10	500 - 2000	30778	30777
7013	1.0 - 10	1500 - 3000	30780	30781
7014	2.0 - 1.0	1500 - 4000	—	30796
7021	2.5 - 25	100 - 1000	30782	30783
7022	2.5 - 25	500 - 2000	30784	30793
7023	2.5 - 25	1500 - 3000	30786	30787
7028	3.5 - 35	250 - 800	—	30783
7031	3.5 - 35	700 - 1000	—	30783
7032	3.5 - 35	1000 - 2000	—	30783

CAT PUMPS
Technical Services Department

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