

TPV-Series High Pressure Poppet

- Threaded sleeve allows connection and disconnection while coupler and/ or nipple are under pressure
- High strength elastomerically-sealed poppet valve ensures zero leakage and higher flow rates



PERFORMANCE SPECIFICATIONS	OPERATING bar (psi)	MIN. BURST bar (psi)	FLOW RATE ΔP=3 bar	LOCKING MECHANISM
3/8"	1,000 (14,500)	2,069 (30,000)	26 LPM (7 GPM)	Threaded

Please Note: Divide Minimum Burst Pressure by four (4) for dynamic applications.

'TPV' SERIES INTERCHANGE	HANSEN	SNAP-TITE	DNP	TOMCO
3/8"	WA56000	76-Series	PVM	Series JC



(Male Thread)

TPV-SERIES HIGH PRESSURE POPPET SCREW-TOGETHER (COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
3TM3-PV	3/8"	3/8"-18 NPTF	Steel
3TM3-SS-PV	3/8"	3/8"-18 NPTF	316 SS

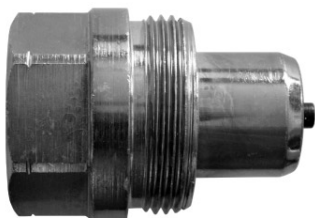


(Female Thread)

TPV-SERIES HIGH PRESSURE POPPET SCREW-TOGETHER (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
T3F3-PV	3/8"	3/8"-18 NPTF	Steel
T3F3-SS-PV	3/8"	3/8"-18 NPTF	316 SS

Dixon Quick Coupling Division carries two valve styles for the High Pressure coupling series, 'Ball' valve and 'Poppet' valve. The 'Ball' valve coupling has historically provided greater longevity while the 'Poppet' valve will improve flow while in operation.



Poppet Valve Style (-PV)



Standard Ball Valve Style

Although it is common industry practice to couple 'Ball' valved nipples with 'Poppet' valved couplers, or vice-versa, it is recommended to couple 'Ball' valved nipples with 'Ball' valved couplers and 'Poppet' valved nipples with 'Poppet' valved couplers. This will maximise flow performance and minimise damage caused by surge flow and other system anomalies.