

ACCU-PULSE

TORQUE SPECIFICATIONS



PRIMARY FLUID SYSTEMS INC.
1050 COOKE BLVD., BURLINGTON, ONTARIO L7T 4A8
TEL: (905) 333-8743 FAX: (905) 333-8746
1-800-776-6580
www.primaryfluid.com



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ACCU-PULSE

TORQUE SPECIFICATIONS

ACCU-PULSE - STANDARD - 150/300 PSIG UNITS

ACCU-PULSE API - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
API-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Threaded Body	N/A
API-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	40-45 Inch Pounds 3.3-3.8 Foot Pounds
API-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Threaded Body	N/A
API-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	60-65 Inch Pounds 5.0-5.4 Foot Pounds



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ACCU-PULSE APIF - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Threaded Body	N/A
APIF-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	40-45 Inch Pounds 3.3-3.8 Foot Pounds
APIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Threaded Body	N/A
APIF-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	60-65 Inch Pounds 5.0-5.4 Foot Pounds



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ACCU-PULSE APII - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APII-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Ring Band Plastic	<i>85-90 Inch Pounds</i> <i>7.08-7.5 Foot Pounds</i>
APII-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Ring Band Aluminum	<i>50-55 Inch Pounds</i> <i>4.1-4.6 Foot Pounds</i>
APII-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	<i>120-180 Inch Pounds</i> <i>10-15 Foot Pounds</i>
APII-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Ring Band Plastic	<i>70-80 Inch Pounds</i> <i>5.8-6.7 Foot Pounds</i>
APII-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Ring Band Aluminum	<i>85-90 Inch Pounds</i> <i>7.1-7.5 Foot Pounds</i>
APII-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	<i>120-132 Inch Pounds</i> <i>10-11 Foot Pounds</i>



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ACCU-PULSE APIIF - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APIIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Ring Band Plastic	<i>85-90 Inch Pounds</i> <i>7.08-7.5 Foot Pounds</i>
APIIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Ring Band Aluminum	<i>50-55 Inch Pounds</i> <i>4.1-4.6 Foot Pounds</i>
APIIF-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	<i>120-180 Inch Pounds</i> <i>10-15 Foot Pounds</i>
APIIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Ring Band Plastic	<i>70-80 Inch Pounds</i> <i>5.8-6.7 Foot Pounds</i>
APIIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Ring Band Aluminum	<i>85-90 Inch Pounds</i> <i>7.1-7.5 Foot Pounds</i>
APIIF-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	<i>120-132 Inch Pounds</i> <i>10-11 Foot Pounds</i>



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ACCU-PULSE APIII - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APIII-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Ring Band Plastic	60-70 Inch Pounds 5.0-5.8 Foot Pounds
APIII-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Ring Band Aluminum	60-65 Inch Pounds 5.0-5.4 Foot Pounds
APIII-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	180-190 Inch Pounds 15-15.8 Foot Pounds
APIII-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Ring Band Plastic	40-60 Inch Pounds 3.3-5.0 Foot Pounds
APIII-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Ring Band Aluminum	90-105 Inch Pounds 7.5-8.75 Foot Pounds
APIII-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	144-150 Inch Pounds 12-12.5 Foot Pounds



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ACCU-PULSE APIIIF - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APIIIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Ring Band Plastic	60-70 Inch Pounds 5.0-5.8 Foot Pounds
APIIIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Ring Band Aluminum	60-65 Inch Pounds 5.0-5.4 Foot Pounds
APIIIF-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	180-190 Inch Pounds 15-15.8 Foot Pounds
APIIIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Ring Band Plastic	40-60 Inch Pounds 3.3-5.0 Foot Pounds
APIIIF-Thermoplastic (PP, PVC, PVDF, CPVC)	Teflon	Ring Band Aluminum	90-105 Inch Pounds 7.5-8.75 Foot Pounds
APIIIF-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	144-150 Inch Pounds 12-12.5 Foot Pounds



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ACCU-PULSE - HIGH PRESSURE - 600/1000 PSIG UNITS

ACCU-PULSE APHI - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APHI-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	84-120 Inch Pounds 7-10 Foot Pounds
APHI-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	84-120 Inch Pounds 7-10 Foot Pounds

ACCU-PULSE APHIF - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APHIF-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	84-120 Inch Pounds 7-10 Foot Pounds
APHIF-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	84-120 Inch Pounds 7-10 Foot Pounds



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ACCU-PULSE APHII - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APHII-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	336-360 Inch Pounds 28-30 Foot Pounds
APHII-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	300-360 Inch Pounds 25-30 Foot Pounds

ACCU-PULSE APHIIF - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APHIIF-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	336-360 Inch Pounds 28-30 Foot Pounds
APHIIF-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	300-360 Inch Pounds 25-30 Foot Pounds



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ACCU-PULSE APHIII - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APHIII-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	516-576 Inch Pounds 43-48 Foot Pounds
APHIII-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	420-540 Inch Pounds 35-45 Foot Pounds

ACCU-PULSE APHIIIF - Pulsation Dampeners

Accu-Pulse Model	Bladder	Type of Band	Torque
APHIIIF-Metallic (S/S, ALL20, HAST, CS)	Rubber (Neoprene, Buna-N, Hypalon, EPDM, Viton)	Bolts (Stainless Steel)	516-576 Inch Pounds 43-48 Foot Pounds
APHIIIF-Metallic (S/S, ALL20, HAST, CS)	Teflon	Bolts (Stainless Steel)	420-540 Inch Pounds 35-45 Foot Pounds