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SANITARY & INDUSTRIAL BALL VALVES, AUTOMATION & MORE

REPLACEMENT PARTS MANUAL

2013

INDUSTRIAL VALVE SPARE & REPLACEMENT PARTS

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STAINLESS STEEL (316 / 316L) CENTER SECTIONS (Series 0, 1, 5, 6, 8 & 9)

Center sections include the body, ball, stem, seats and/or seals, stem packings and body bolts, washers & nuts. Centers will arrive with the stem and stem packings assembled to the body; the ball will ship loose for assembly on-site. Please follow the appropriate IOM document for proper body bolt tightening and stem torque measurements.

For Series 8 FI or Series 5 & 9 2.5" center sections, consult PBM. 6" center sections are sold bare-stem. For 6" & 8" Series 0 & 1 center sections, consult PBM. For 6" Series 6 center sections, consult PBM. All center sections are 316 or 316L Stainless M.O.C.

	SP Series 5 (TFM™ seats)	FT Series 5 (TFM™ seats)	SI Series 5 (TFM™ seats)	FI Series 5 (TFM™ seats)	CS Series 5 (TFM™ seats & EPR O-rings)
½"	SPH-C5-ZG	FTH-C5-ZG--	SIHLC5-ZG	FIHLC5-ZG--	CSHLC5-ZZ
¾"	SPH-D5-ZG	FTH-D5-ZG--	SIHLD5-ZG	FIHLD5-ZG--	CSHLD5-ZZ
1"	SPH-E5-ZG	FTH-E5-ZG--	SIHLE5-ZG	FIHLE5-ZG--	CSHLE5-ZZ
1½"	SPH-G5-ZG	FTH-G5-ZG--	SIHLG5-ZG	FIHLG5-ZG--	CSHLG5-ZZ
2"	SPH-H5-ZG	FTH-H5-ZG--	SIHLH5-ZG	FIHLH5-ZG--	CSHLH5-ZZ
3"	SPH-K5-ZG	FTH-K5-ZG--	SIHLK5-ZG	FIHLK5-ZG--	CSHLK5-ZZ
4"	SPH-L5-ZG	FTH-L5-ZG--	SIHLL5-ZG	FIHLL5-ZG--	CSHLL5-ZZ
6"	SPH-M5-ZG---02	FTH-M5-ZG---02	SIHLM5-ZG---02	FIHLM5-ZG---02	CSHLM5-ZZ---02

	SI Series 8 (TFM™ seats)	SI Series 9 (TFM™ seats)	FI Series 9 (TFM™ seats)	CS Series 8 (TFM™ seats & EPR O-rings)	CS Series 9 (TFM™ seats & EPR O-rings)
½"	SIHFC8-ZG	SIHLC9-ZG	FIHLC9-ZG--	CSHFC8-ZZ	CSHLC9-ZZ
¾"	SIHFD8-ZG	SIHLD9-ZG	FIHLD9-ZG--	CSHFD8-ZZ	CSHLD9-ZZ
1"	SIHFE8-ZG	SIHLE9-ZG	FIHLE9-ZG--	CSHFE8-ZZ	CSHLE9-ZZ
1½"	SIHFG8-ZG	SIHLG9-ZG	FIHLG9-ZG--	CSHFG8-ZZ	CSHLG9-ZZ
2"	SIHFH8-ZG	SIHLH9-ZG	FIHLH9-ZG--	CSHFH8-ZZ	CSHLH9-ZZ
3"	SIHFK8-ZG	SIHLK9-ZG	FIHLK9-ZG--	CSHFK8-ZZ	CSHLK9-ZZ
4"	SIHFL8-ZG	SIHLL9-ZG	FIHLL9-ZG--	CSHFL8-ZZ	CSHLL9-ZZ
6"	N/A	SIHLM9-ZG---02	FIHLM9-ZG---02	N/A	CSHLM9-ZZ---02

	SP Series 0 & 1 (RTFE seats)	FT Series 1 (RTFE seats)	SP Series 6 (TFM™ seats)	SI Series 6 (TFM™ seats)
½"	SPH-C1-ZA	FTH-C1-ZA - -	SPH-C6-ZG	SIHLC6-ZG
¾"	SPH-D1-ZA	FTH-D1-ZA - -	SPH-D6-ZG	SIHLD6-ZG
1"	SPH-E1-ZA	FTH-E1-ZA - -	SPH-E6-ZG	SIHLE6-ZG
1½"	SPH-G1-ZA	FTH-G1-ZA - -	SPH-G6-ZG	SIHLG6-ZG
2"	SPH-H1-ZA	FTH-H1-ZA - -	SPH-H6-ZG	SIHLH6-ZG
2½"	SPH-J1-ZA	NA	SPH-J6-ZG	SIHLJ6-ZG
3"	SPH-K1-ZA	FTH-K1-ZA - -	SPH-K6-ZG	SIHLK6-ZG
4"	SPH-L1-ZA	FTH-L1-ZA - -	N/A	N/A

AN • Series 1 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT- -130A
Automated LT- -130B

	REPAIR KITS							BODY GASKET (RTFE) each
	RTFE with Viton "A" o-ring	S-TEF® with Viton "A" o-ring	UHMWPE with Viton "A" o-ring	STEM 316 S/S	BALL 316 S/S	SEAT (RTFE) each	STEM PACKING (RTFE) each	
½"	ANRTC1- -A- -1	ANHTC1- -H- -1	ANUTC1- -K- -1	SPHLC105	SPH-C102	ANRTC008	SPRTC109	ANRTC013
¾"	ANRTD1- -A- -1	ANHTD1- -H- -1	ANUTD1- -K- -1	SPHLC105	SPHLD102	ANRTD008	SPRTC109	ANRTD013
1"	ANRTE1- -A- -1	ANHTE1- -H- -1	ANUTE1- -K- -1	ANHLE105	SPHLE102	ANRTE008	ANRTE109	ANRTE013
1½"	ANRTG1- -A- -1	ANHTG1- -H- -1	ANUTG1- -K- -1	SPHLH105	SPHLG102	ANRTG008	SPRTH109	ANRTG013
2"	ANRTH1- -A- -1	ANHTH1- -H- -1	ANUTH1- -K- -1	SPHLH105	SPHLH102	ANRTH008	SPRTH109	ANRTH013
3"	ANRTK1- -A- -1	ANHTK1- -H- -1	ANUTK1- -K- -1	SPHLK105	SPHLK402	ANRTK008	SPRTH109	ANRTK013
4"	ANRTL1- -A- -1	ANHTL1- -H- -1	ANUTL1- -K- -1	ANHLL105	ANH-L102	ANRTL008	ANRTL109	ANRTL013
6"	ANRTM1- -A- -1	ANHTM1- -H- -1	ANUTM1- -K- -1	SPHLM105	ANHLM102	SPRTN008	SPRTM109	SPRTN013

Standard repair kit material is RTFE. To order a different material not listed above, please see page 25 for information.

	STEM NUT	BODY CAVITY FILLER KIT (VTFE)	VITON "A" O-RING	EPR O-RING	SPRING WASHERS (Set of 6)	HANDLE W/STOP DISC	FOLLOWER (300 SERIES S/S)	STOP PIN (300 SERIES S/S)
½"	HWJKFGXN	ANRTC1- -B- -3	ORVI- -12- - -2026	OREP- -12- - -2026	SPK-E110	ANK-C1041	SPK-C106	HWRXXG04
¾"	HWJKFGXN	ANRTD1- -B- -3	ORVI- -12- - -2029	OREP- -12- - -2029	SPK-E110	ANK-C1041	SPK-C106	HWRXXG04
1"	HWJKFHXN ¹	ANRTE1- -B- -3	ORVI- -12- - -2031	OREP- -12- - -2031	ANK-E110	MPK-C1041	ANK-E106	HWRXXI04
1½"	HWJKFKXN ¹	ANRTG1- -B- -3	ORVI- -12- - -2145	OREP- -12- - -2145	SPK-H110	SPK-H1041	SPK-H106	HWRXXL06
2"	HWJKFKXN ¹	ANRTH1- -B- -3	ORVI- -12- - -2152	OREP- -12- - -2152	SPK-H110	SPK-H1041	SPK-H106	HWRXXL06
3"	HWJKFOXN ¹	ANRTK1- -B- -3	ORVI- -12- - -2246	OREP- -12- - -2246	SPK-K110	SPK-K1041	SPK-K106	HWRXXN10
4"	HWJKFSXN ¹	ANRTL1- -B- -3	ORVI- -12- - -2262	OREP- -12- - -2262	MPK-L110	MPK-L1041	MPK-L106	HWRXXP16
6"	HWLKFXN	ANRTM1- -B- -3	ORVI- -12- - -2377	OREP- -12- - -2377	SPK-M110	N/A	SPK-M106	CF

¹ (2) required per valve

NOTE - body cavity filler kit also includes (1) body gasket and (1) O-ring

AN • Series 5 • Repair / Replacement Parts

PBM Recommended Spares - Repair Kit, Ball & Stem

Installation, Operation & Maintenance Documents

Manual & Automated

IOM-AN5
IOM-AN5-NA

	REPAIR KITS			STEM	BALL	SEAT	STEM PACKING	BODY GASKET
	TFM™ with Viton "A" o-ring	S-TEF® with Viton "A" o-ring	UHMWPE with Viton "A" o-ring	316 S/S	316 S/S	(TFM™) each	(TFM™) each	(TFM™) each
½"	ANTFC5- -G- -1	ANHTC5- -G- -1	ANUTC5- -G- -1	SPHLD505	SPHLC502	ANTFC508	SPTFD509	CSTFC513
¾"	ANTFD5- -G- -1	ANHTD5- -G- -1	ANUTD5- -G- -1	SPHLD505	SPHLD502	ANTFD508	SPTFD509	CSTFD513
1"	ANTFE5- -G- -1	ANHTE5- -H- -1	ANUTE5- -K- -1	SPHLE505	SPHLE102	ANTFE508	SPTFE509	CSTFE513
1½"	ANTFG5- -G- -1	ANHTG5- -H- -1	ANUTG5- -K- -1	ANHLH505	SPHLG102	ANTFG508	SPTFH509	ANTFG013
2"	ANTFH5- -G- -1	ANHTH5- -H- -1	ANUTH5- -K- -1	ANHLH505	SPHLH102	ANTFH508	SPTFH509	CSTFH513
3"	ANTFK5- -G- -1	ANHTK5- -H- -1	ANUTK5- -K- -1	SPHLK505	SPHLK402	ANTFK508	SPTFK509	ANTFK013
4"	ANTFL5- -G- -1	ANHTL5- -H- -1	ANUTL5- -K- -1	SPHLL505	ANH-L102	ANTFL508	SPTFL509	ANTFL513
6"	ANTFM5- -G- -1	ANHTM5- -H- -1	ANUTM5- -K- -1	SPHLM505	SPHLM502	ANTFM508	SPTFM509	CSTFM513

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	BODY CAVITY FILLER KIT (VTFE)	VITON "A" O-RING	EPR O-RING	SPRING WASHERS (Set of 6)	HANDLE	FOLLOWER (300 SERIES S/S)	HANDLE LOCK KIT	STOP PIN (300 SERIES S/S)
½"	ANTFC5- -J- -3	ORVI- -12- - -2021	OREP- -12- - -2021	SPK-E110	SPK-D504C-	SPK-D506	KIT-SPD5- -04	SPK-D530
¾"	ANTFD5- -J- -3	ORVI- -12- - -2026	OREP- -12- - -2026	SPK-E110	SPK-D504C-	SPK-D506	KIT-SPD5- -04	SPK-D530
1"	ANTFE5- -J- -3	ORVI- -12- - -2031	OREP- -12- - -2031	SPK-E510	SPK-E504C-	ANK-E506	KIT-SPE5- -04	SPK-E530
1½"	ANTFG5- -J- -3	ORVI- -12- - -2145	OREP- -12- - -2145	SPK-H510	SPK-H504C-	SPK-H506	KIT-SPH5- -04	SPK-H530
2"	ANTFH5- -J- -3	ORVI- -12- - -2235	OREP- -12- - -2235	SPK-H510	SPK-H504C-	SPK-H506	KIT-SPH5- -04	SPK-H530
3"	ANTFK5- -J- -3	ORVI- -12- - -2247	OREP- -12- - -2247	SPK-K510	SPK-K504C-	ANK-K506	KIT-SPK5- -04	SPK-K530
4"	ANTFL5- -J- -3	ORVI- -12- - -2261	OREP- -12- - -2261	MPK-L110	SPK-L504C-	ANK-L506	KIT-SPL5- -04	SPK-L530
6"	ANTFM5- -J- -3	ORVI- -12- - -2377	OREP- -12- - -2377	SPK-M510	N/A	SPK-M506	N/A	N/A

NOTE - body cavity filler kit also includes (1) body gasket and (1) O-ring

AF • Series 1 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT- -102A
Automated LT- -102B

	REPAIR KITS			STEM 316L S/S	BALL 316 / 316L STAINLESS	BALL w / 20Ra ID 316 / 316L STAINLESS	WELD PAD 316L S/S	SEAT (RTFE) each
	RTFE ¹	S-TEF®	UHMWPE					
1"	AFRTE1- -A- -1	AFHTE1- -H- -1	AFUTE1- -K- -1	ASHLE105	ASHLE102	ASHLE102- -A	FIHLE103	SPRTE008
1½"	AFRTG1- -A- -1	AFHTG1- -H- -1	AFUTG1- -K- -1	ASHLH105	ASHLG102	ASHLG102- -A	FTHLG003	SPRTG008
2"	AFRTH1- -A- -1	AFHTH1- -H- -1	AFUTH1- -K- -1	ASHLH105	ASHLH102	ASHLH102- -A	FTHLH003	SPRTH008
3"	AFRTK1- -A- -1	AFHTK1- -H- -1	AFUTK1- -K- -1	ASHLK105	ASHLK102	ASHLK102- -A	FTHLK003	SPRTK008
4"	AFRTL1- -A- -1	AFHTL1- -H- -1	AFUTL1- -K- -1	ASHLK105	ASHLL102	ASHLL102- -A	FTHLL003	SPRTL008
6"	AFRTM1- -A- -1	AFHTM1- -H- -1	AFUTM1- -K- -1	ASHLM105	ASHLM102	ASHLM102- -A	FTHLM003A-	SPRTM008

Standard repair kit material is RTFE. To order a different material not listed above, please see page 25 for information.

	BODY CAVITY FILLER KIT (VTFE)	STEM PACKING (RTFE) each	SPRING WASHERS (Set of 6)	BODY GASKET (RTFE)	HANDLE w/STOP DISC	FOLLOWER (300 SERIES S/S)	STOP PIN (400 SERIES S/S)
1"	AFRTE1- -B- -3	SPRTE109	SPK-E110	SPRTE013	SPK-E1041	SPK-E106	HWRXXI04
1½"	AFRTG1- -B- -3	SPRTH109	SPK-H110	SPRTG013	SPK-H1041	SPK-H106	HWRXXL06
2"	AFRTH1- -B- -3	SPRTH109	SPK-H110	SPRTH013	SPK-H1041	SPK-H106	HWRXXL06
3"	AFRTK1- -B- -3	SPRTK109	SPK-K110	SPRTK013	SPK-K1041	SPK-K106	HWRXXN10
4"	AFRTL1- -B- -3	SPRTK109	SPK-K110	SPRTL013	SPK-K1041	SPK-K106	HWRXXN10
6"	AFRTM1- -B- -3	SPRTM109	SPK-M110	SPRTM013	SPK-M1041	SPK-M106	SPK-M021

NOTE - body cavity filler kit also includes (1) body gasket

SP / FT • Series 5 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT- -125A
Automated LT- -125B

	REPAIR KITS			STEM 316L S/S	STEM FOR EXTENSION 316L S/S	STEM FOR GROUNDING 316L S/S	BALL 316L S/S	WELD PAD 316L S/S
	TFM™	S-TEF®	UHMWPE					
½"	SPTFC5- -G- -1	SPHTC5- -H- -1	SPUTC5- -K- -1	SPHLD505	SPHLD505E-	SPHLD505G-	SPHLC502	FTHLC503
¾"	SPTFD5- -G- -1	SPHTD5- -H- -1	SPUTD5- -K- -1	SPHLD505	SPHLD505E-	SPHLD505G-	SPHLD502	FTHLD503
1"	SPTFE5- -G- -1	SPHTE5- -H- -1	SPUTE5- -K- -1	SPHLE505	SPHLE505E-	SPHLE505G-	SPHLE102	FTHLE503
1½"	SPTFG5- -G- -1	SPHTG5- -H- -1	SPUTG5- -K- -1	SPHLH505	SPHLH505E-	SPHLH505G-	SPHLG102	FTHLG503
2"	SPTFH5- -G- -1	SPHTH5- -H- -1	SPUTH5- -K- -1	SPHLH505	SPHLH505E-	SPHLH505G-	SPHLH102	FTHLH503
2½"	SPTFJ5- -G- -1	SPHTJ5- -H- -1	SPUTJ5- -K- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SPHLJ102	N/A
3"	SPTFK5- -G- -1	SPHTK5- -H- -1	SPUTK5- -K- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SPHLK402	FTHLK503
4"	SPTFL5- -G- -1	SPHTL5- -H- -1	SPUTL5- -K- -1	SPHLL505	SPHLL505E-	SPHLL505G-	ANH-L102	FTHLL503
6"	SPTFM5- -G- -1	SPHTM5- -H- -1	SPUTM5- -K- -1	SPHLM505	N/A	SPHLM505G-	SPHLM502	FTHLM503

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	BODY CAVITY FILLER KIT (VTFE)	SEAT (TFM™) each	STEM PACKING (TFM™) each	SPRING WASHERS (Set of 6)	HANDLE	HANDLE LOCK KIT	FOLLOWER (300 SERIES S/S)	STOP PIN (300 SERIES S/S)
½"	SPTFC5- -J- -3	SPTFC508	SPTFD509	SPK-E110	SPK-D504C-	KIT-SPD5- -04	SPK-D506	SPK-D530
¾"	SPTFD5- -J- -3	SPTFD508	SPTFD509	SPK-E110	SPK-D504C-	KIT-SPD5- -04	SPK-D506	SPK-D530
1"	SPTFE5- -J- -3	SPTFE508	SPTFE509	SPK-E510	SPK-E504C-	KIT-SPE5- -04	SPK-E506	SPK-E530
1½"	SPTFG5- -J- -3	SPTFG508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	SPK-H530
2"	SPTFH5- -J- -3	SPTFH508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	SPK-H530
2½"	SPTFJ5- -J- -3	SPTFJ508	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506	SPK-K530
3"	SPTFK5- -J- -3	SPTFK508	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506	SPK-K530
4"	SPTFL5- -J- -3	SPTFL508	SPTFL509	MPK-L110	SPK-L504C-	KIT-SPL5- -04	SPK-L506	SPK-L530
6"	SPTFM5- -J- -3	SPTFM508	SPTFM509	SPK-M510	N/A	N/A	SPK-M506	N/A

SD • Series 5 • Repair / Replacement Parts

PBM Recommended Spares - Repair Kit, Ball & Stem

Installation, Operation & Maintenance Documents

Manual LT- -126A
Automated LT- -126B

	TFM™ with EPR o-rings	REPAIR KITS S-TEF® with EPR o-rings	UHMWPE with EPR o-rings	STEM 316L S/S	STEM FOR EXTENSION 316L S/S	BALL 316L S/S	SEAT ENCAP RING 316L S/S	SPRING WASHERS (Set of 6)
½"	CSTFC5- -Z- -1	CSHTC5- -0- -1	CSUTC5- -3- -1	SPHLD505	SPHLD505E-	SPHLC502	SPHLC508E1	SPK-E110
¾"	CSTFD5- -Z- -1	CSHTD5- -0- -1	CSUTD5- -3- -1	SPHLD505	SPHLD505E-	SPHLD502	SPHLD508E1	SPK-E110
1"	CSTFE5- -Z- -1	CSHTE5- -0- -1	CSUTE5- -3- -1	SPHLE505	SPHLE505E-	SPHLE102	SPHLE508E1	SPK-E510
1½"	CSTFG5- -Z- -1	CSHTG5- -0- -1	CSUTG5- -3- -1	SPHLH505	SPHLH505E-	SPHLG102	SPHLG508E1	SPK-H510
2"	CSTFH5- -Z- -1	CSHTH5- -0- -1	CSUTH5- -3- -1	SPHLH505	SPHLH505E-	SPHLH102	SPHLH508E1	SPK-H510
2½"	CSTFJ5- -Z- -1	CSHTJ5- -0- -1	CSUTJ5- -3- -1	SPHLK505	SPHLK505E-	SPHLJ102	SPHLJ508E1	SPK-K510
3"	CSTFK5- -Z- -1	CSHTK5- -0- -1	CSUTK5- -3- -1	SPHLK505	SPHLK505E-	SPHLK402	SPHLK508E1	SPK-K510
4"	CSTFL5- -Z- -1	CSHTL5- -0- -1	CSUTL5- -3- -1	SPHLL505	SPHLL505E-	ANHLL102	SPHLL508E1	MPK-L110
6"	CSTFM5- -Z- -1	CSHTM5- -0- -1	CSUTM5- -3- -1	SPHLM505	N/A	SPHLM502	SPHLM508E1	SPK-M510

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	BODY CAVITY FILLER KIT (VTFE)	SEAT BACK O-RING (EPR) each	SEAT OD O-RING (EPR) each	SEAT (TFM™) each	STEM PACKING (TFM™) each	BODY GASKET (TFM™) each	HANDLE	FOLLOWER (300 SERIES S/S)
½"	SPTFC5- -J- -3	OREP- -12- - -2019	OREP- -12- - -2021	CSTFC508	SPTFD509	CSTFC513	SPK-D504C-	SPK-D506
¾"	SPTFD5- -J- -3	OREP- -12- - -2024	OREP- -12- - -2026	CSTFD508	SPTFD509	CSTFD513	SPK-D504C-	SPK-D506
1"	SPTFE5- -J- -3	OREP- -12- - -2030	OREP- -12- - -2031	CSTFE508	SPTFE509	CSTFE513	SPK-E504C-	SPK-E506
1½"	SPTFG5- -J- -3	OREP- -12- - -2138	OREP- -12- - -2144	CSTFG508	SPTFH509	CSTFG513	SPK-H504C-	SPK-H506
2"	SPTFH5- -J- -3	OREP- -12- - -2146	OREP- -12- - -2235	CSTFH508	SPTFH509	CSTFH513	SPK-H504C-	SPK-H506
2½"	SPTFJ5- -J- -3	OREP- -12- - -2236	OREP- -12- - -2243	CSTFJ508	SPTFK509	CSTFJ513	SPK-K504C-	SPK-K506
3"	SPTFK5- -J- -3	OREP- -12- - -2240	OREP- -12- - -2247	CSTFK508	SPTFK509	CSTFK513	SPK-K504C-	SPK-K506
4"	SPTFL5- -J- -3	OREP- -12- - -2352	OREP- -12- - -2363	CSTFL508	SPTFL509	CSTFL513	SPK-L504C-	SPK-L506
6"	SPTFM5- -J- -3	OREP- -12- - -2365	OREP- -12- - -2377	CSTFM508	SPTFM509	CSTFM513	N/A	SPK-M506

DP • Series 5 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT- -123A
Automated LT- -123B

	REPAIR KITS			STEM 316L S/S	STEM FOR EXTENSION 316L S/S	STEM FOR GROUNDING 316L S/S	L-PORT BALL 316L S/S	T-PORT BALL 316L S/S
	TFM™	S-TEF®	UHMWPE					
½"	SPTFC5- -G- -1	SPHTC5- -H- -1	SPUTC5- -K- -1	DPHLD505	DPHLD505E-	DPHLD505G-	DPHLC502A-	DPHLC502T-
¾"	SPTFD5- -G- -1	SPHTD5- -H- -1	SPUTD5- -K- -1	DPHLD505	DPHLD505E-	DPHLD505G-	DPHLD502A-	DPHLD502T-
1"	SPTFE5- -G- -1	SPHTE5- -H- -1	SPUTE5- -K- -1	DPHLE505	DPHLE505E-	DPHLE505G-	DPHLE502A-	DPHLE502T-
1½"	SPTFG5- -G- -1	SPHTG5- -H- -1	SPUTG5- -K- -1	DPHLH505	DPHLH505E-	DPHLH505G-	DPHLG502A-	DPHLG502T-
2"	SPTFH5- -G- -1	SPHTH5- -H- -1	SPUTH5- -K- -1	DPHLH505	DPHLH505E-	DPHLH505G-	DPHLH502A-	DPHLH502T-
3"	SPTFK5- -G- -1	SPHTK5- -H- -1	SPUTK5- -K- -1	DPHLK505	DPHLK505E-	DPHLK505G-	DPHLK502A-	DPHLK502T-
4"	SPTFL5- -G- -1	SPHTL5- -H- -1	SPUTL5- -K- -1	DPHLL505	DPHLL505E-	DPHLL505G-	DPHLL502A-	DPHLL502T-
6"	SPTFM5- -G- -1	SPHTM5- -H- -1	SPUTM5- -K- -1	DPHLM505	N/A	DPHLM505G-	DPHLM502A-	DPHLM502T-

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	BODY CAVITY FILLER KIT (VTFE) ¹	SEAT (TFM™) each	STEM PACKING (TFM™) each	SPRING WASHERS (Set of 6)	HANDLE 90° TURN	HANDLE LOCK KIT 90° TURN	FOLLOWER (300 SERIES S/S)	STOP PIN (300 SERIES S/S)
½"	DPTFC5- -J103	SPTFC508	SPTFD509	SPK-E110	SPK-D504C-	KIT-SPD5- -04	SPK-D506	SPK-D530
¾"	DPTFD5- -J103	SPTFD508	SPTFD509	SPK-E110	SPK-D504C-	KIT-SPD5- -04	SPK-D506	SPK-D530
1"	DPTFE5- -J103	SPTFE508	SPTFE509	SPK-E510	SPK-E504C-	KIT-SPE5- -04	SPK-E506	SPK-E530
1½"	DPTFG5- -J103	SPTFG508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	SPK-H530
2"	DPTFH5- -J103	SPTFH508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	SPK-H530
3"	DPTFK5- -J103	SPTFK508	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506	SPK-K530
4"	DPTFL5- -J103	SPTFL508	SPTFL509	MPK-L110	SPK-L504C-	KIT-SPL5- -04	SPK-L506	SPK-L530
6"	DPTFM5- -J103	SPTFM508	SPTFM509	SPK-M510	N/A	N/A	SPK-M506	N/A

¹ Side entry

Part kit nomenclature - e.g. J103 →

J = TFM
10 = flow pattern #10
3 = cavity filler kit

MP • Series 4 • Repair / Replacement Parts

PBM Recommended Spares - Repair Kit, Ball & Stem

Installation, Operation & Maintenance Documents

Manual LT- -104A
Automated LT- -104B

	TFM™ with Viton "A" o-rings	REPAIR KITS S-TEF® with Viton "A" o-rings	UHMWPE with Viton "A" o-rings	STEM 316L S/S	L-PORT BALL 316L S/S	T-PORT BALL 316L S/S	LL-PORT BALL 316L S/S	SPRING WASHERS (Set of 6)
½"	MPTFC4- -G011	MPHTC4- -H011	MPUTC4- -K011	MPHLC405	MPHLC402A-	MPHLC402T-	MPHLC102D-	ANK-E110
¾"	MPTFC4- -G011	MPHTC4- -H011	MPUTC4- -K011	MPHLC405	MPH-D102A-	MPH-D102T-	MPHLD102D-	ANK-E110
1"	MPTFE4- -G011	MPHTE4- -H011	MPUTE4- -K011	MPHLE405	MPHLE102A-	MPHLE102T-	MPHLE102D-	SPK-H110
1½"	MPTFG4- -G011	MPHTG4- -H011	MPUTG4- -K011	MPHLG405	MPHLG102A-	MPHLG102T-	MIHLG102D-	SPK-K110
2"	MPTFH4- -G011	MPHTH4- -H011	MPUTH4- -K011	MPHLG405	MPHLH102A-	MPHLH102T-	MPHLH102D-	SPK-K110
3"	MPTFK4- -G011	MPHTK4- -H011	MPUTK4- -K011	MPHLK405	MPHLK402A-	MPHLK402T-	MPHLK402D-	MPK-L110
4"	MPTFL4- -G011	MPHTL4- -H011	MPUTL4- -K011	MPHLL405	MPHLL402A-	MPHLL402T-	MPHLL402D-	SPK-M110

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

Part kit nomenclature - e.g. G011 →

G = TFM™
01 = flow pattern #01
1 = repair kit

	BODY CAVITY FILLER KIT (VTFE)	BONNET O-RING (Viton "A") each	SIDE FITTING O-RING (Viton "A") each	SEAT (TFM™) each	STEM PACKING (TFM™) each	BODY GASKET (TFM™) each	HANDLE W/STOP DISK 90° TURN	FOLLOWER (300 SERIES S/S)
½"	MPTFC4- -J013	ORVI- -12- - -2137	ORVI- -12- - -2125	MPTFC408	ANTFE109	MPTFC114	MPK-C1041	ANK-E106
¾"	MPTFC4- -J013	ORVI- -12- - -2137	ORVI- -12- - -2125	MPTFC408	ANTFE109	MPTFC114	MPK-C1041	ANK-E106
1"	MPTFE4- -J013	ORVI- -12- - -2140	ORVI- -12- - -2129	MPTFE408	SPTFH109	MPTFE014	SPK-H1041	SPK-H106
1½"	MPTFG4- -J013	ORVI- -12- - -2152	ORVI- -12- - -2229	MPTFG408	SPTFK109	MPTFG014	SPK-K1041	SPK-K106
2"	MPTFH4- -J013	ORVI- -12- - -2242	ORVI- -12- - -2234	MPTFH408	SPTFK109	MPTFH014	SPK-K1041	SPK-K106
3"	MPTFK4- -J013	ORVI- -12- - -2255	ORVI- -12- - -2242	MPTFK408	ANTFL109	MPTFK414	MPK-L1041	MPK-L106
4"	MPTFL4- -J013	ORVI- -12- - -2251	ORVI- -12- - -2366	MPTFL408	SPTFM109	MPTFL414	N/A	SPK-M106

MP • Series 5 • Repair / Replacement Parts

PBM Recommended Spares - Repair Kit, Ball & Stem

Installation, Operation & Maintenance Documents

Manual IOM-MP5
Automated IOM-MP5

	REPAIR KITS			STEM 316L S/S	L-PORT BALL 316L S/S	T-PORT BALL 316L S/S	LL-PORT BALL 316L S/S
	TFM™	S-TEF®	UHMWPE				
½"	MPTFC5--G011	MPHTC5--H011	MPUTC5--K011	MPHLC505	MPHLC402A-	MPHLC402T-	MPHLC402D-
¾"	MPTFD5--G011	MPHTD5--H011	MPUTD5--K011	MPHLC505	MPH-D102A-	MPH-D102T-	MPHLD102D-
1"	MPTFE5--G011	MPHTE5--H011	MPUTE5--K011	MPHLE505	MPHLE102A-	MPHLE102T-	MPHLE102D-
1½"	MPTFG5--G011	MPHTG5--H011	MPUTG5--K011	MPHLG405	MPHLG102A-	MPHLG102T-	MPHLG102D-
2"	MPTFH5--G011	MPHTH5--H011	MPUTH5--K011	MPHLG405	MPHLH102A-	MPHLH102T-	MPHLH102D-
3"	MPTFK5--G011	MPHTK5--H011	MPUTK5--K011	MPHLK505	MPHLK402A-	MPHLK402T-	MPHLK402D-
4"	MPTFL5--G011	MPHTL5--H011	MPUTL5--K011	DIHLM905	MPHLL402A-	MPHLL402T-	MPHLL402D-

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

Part kit nomenclature - e.g. G011 →

G = TFM™
01 = flow pattern #01
1 = repair kit

	BODY CAVITY FILLER KIT (VTFE)	SPRING WASHERS (Set of 3)	SEAT (TFM) each	STEM PACKING (TFM) each	BODY GASKET (TFM) each	SIDE FITTING GASKET (TFM) each	FOLLOWER (300 SERIES S/S)
½"	MPTFC5--J013	ANK-E110	MPTFC508	MPTFC509	MPTFC513	MPTFC514	MPK-C506
¾"	MPTFD5--J013	ANK-E110	MPTFD508	MPTFC509	MPTFC513	MPTFC514	MPK-C506
1"	MPTFE5--J013	SPK-H110	MPTFE508	SPTFG809	MPTFE513	MPTFE514	SPK-H106
1½"	MPTFG5--J013	SPK-K110	MPTFG508	MPTFH509	MPTFG513	MPTFG514	SPK-K106
2"	MPTFH5--J013	SPK-K110	MPTFH508	MPTFH509	MPTFH513	MPTFH514	SPK-K106
3"	MPTFK5--J013	MPK-L110 ¹	MPTFK508	SPTFL509	MPTFK513	MPTFK514	SPK-L506
4"	MPTFL5--J013	SPK-M110 ¹	MPTFL508	SITFM909	MPTFL513	MPTFL514	SIK-M906

¹ (4) required per valve

CP • Series 7 • Repair / Replacement Parts

PBM Recommended Spares - Repair Kit, Ball & Stem

Installation, Operation & Maintenance Documents

Manual IOM-CP7
Automated IOM-CP7

	TFM REPAIR KIT	STEM 316L S/S	BALL 316L S/S	SEAT SPRING WASHER Each	SEAT SPRING RING Each	STEM SPRING WASHER Set of 6
1/2"	CPTFC7- -G- -1	CPHLD705	CPHLC502	CPH-C717	CPHLC724	SPK-E110
3/4"	CPFTD7- -G- -1	CPHLD705	CPHLD502	CPH-D717	CPHLD724	SPK-E110
1"	CPTFE7- -G- -1	CPHLE705	CPHLE502	CPH-E717	CPHLE724	SPK-E510
1 1/2"	CPTFG7- -G- -1	CPHLH705	CPHLG502	CPH-G717	CPHLG724	SPK-H510
2"	CPTFH7- -G- -1	CPHLH705	CPHLH502	CPH-H717	CPHLH724	SPK-H510

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	FOLLOWER (300 SERIES S/S)	STOP PIN (300 SERIES S/S)	HANDLE KIT
1/2"	SPK-D506	CPK-D530	KIT-CPD7- -04
3/4"	SPK-D506	CPK-D530	KIT-CPD7- -04
1"	SPK-E506	CPK-E530	KIT-CPE7- -04
1 1/2"	SPK-H506	CPK-H530	KIT-CPH7- -04
2"	SPK-H506	CPK-H530	KIT-CPH7- -04

CN • Series 7 • Repair / Replacement Parts

PBM Recommended Spares - Repair Kit, Ball & Stem

Installation, Operation & Maintenance Documents

Manual IOM-CN7
Automated IOM-CN7

	TFM REPAIR KIT	STEM 316L S/S	BALL 316L S/S	SEAT SPRING WASHER Each	SEAT SPRING RING Each	STEM SPRING WASHER Set of 6
1/2"	CF	CF	CF	CF	CF	CF
3/4"	CF	CF	CF	CF	CF	CF
1"	CNTFE7- -G- -1	CNHLE505	CPHLE502	ANH-E517	ANHLE524	SPK-E510
1 1/2"	CNTFG7- -G- -1	CNHLH505	CPHLG502	ANH-G517	ANHLG524	SPK-H510
2"	CNTFH7- -G- -1	CNHLH505	CPHLH502	CPH-H717	CNHLH524	SPK-H510

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	FOLLOWER (300 SERIES S/S)	STOP PIN (300 SERIES S/S)	HANDLE KIT
1/2"	CF	CF	CF
3/4"	CF	CF	CF
1"	SPK-E506	CPK-E53001	KIT-CPE7- -04
1 1/2"	SPK-H506	CPK-H530	KIT-CPH7- -04
2"	SPK-H506	CPK-H530	KIT-CPH7- -04

SP / FT / DP • Series 1 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT- -99A
Automated LT- -99A

	REPAIR KITS			SP / FT / DP STEM 316L S/S	SP / FT BALL 316L STAINLESS	L-PORT DP BALL 316 S/S	FOLLOWER (300 SERIES S/S)	HANDLE w/STOP DISC
	RTFE	S-TEF®	UHMWPE					
½"	SPRTC1- -A- -1	SPHTC1- -H- -1	SPUTC1- -K- -1	SPHLC105	SPH-C102	DPH-C102A-	SPK-C106	SPK-E1041
¾"	SPRTD1- -A- -1	SPHTD1- -H- -1	SPUTD1- -K- -1	SPHLC105	SPHLD102	DPH-D102A-	SPK-C106	SPK-E1041
1"	SPRTE1- -A- -1	SPHTE1- -H- -1	SPUTE1- -K- -1	SPHLE105	SPHLE102	DPH-E102A-	SPK-E106	SPK-E1041
1¼"	SPRTF1- -A- -1	SPHTF1- -H- -1	SPUTF1- -K- -1	SPHLF105	SPHLF102	DPH-F102A-	SPK-H106	SPK-H1041
1½"	SPRTG1- -A- -1	SPHTG1- -H- -1	SPUTG1- -K- -1	SPHLH105	SPHLG102	DPHLG102A-	SPK-H106	SPK-H1041
2"	SPRTH1- -A- -1	SPHTH1- -H- -1	SPUTH1- -K- -1	SPHLH105	SPHLH102	DPHLH102A-	SPK-H106	SPK-H1041
2½"	SPRTJ1- -A- -1	SPHTJ1- -H- -1	SPUTJ1- -K- -1	SPHLJ105	SPHLJ102	DPHLJ102A-	SPK-K106	SPK-K1041
3"	SPRTK1- -A- -1	SPHTK1- -H- -1	SPUTK1- -K- -1	SPHLK105	SPHLK102	DPH-K102A-	SPK-K106	SPK-K1041
4"	SPRTL1- -A- -1	SPHTL1- -H- -1	SPUTL1- -K- -1	SPHLK105	SPHLL102	DPH-L102A-	SPK-K106	SPK-K1041
6"	SPRTM1- -A- -1	SPHTM1- -H- -1	SPUTM1- -K- -1	SPHLM105	SPHLM102	N/A	SPK-M106	CF
8"	SPRTN1- -A- -1	SPHTN1- -H- -1	SPUTN1- -K- -1	SPHLM105	SPHLN102	N/A	SPK-M106	CF

Standard repair kit material is RTFE. To order a different material not listed above, please see page 25 for information.

	STEM NUT	SP / FT BODY CAVITY FILLER KIT (VTFE)	DP SIDE ENTRY BODY CAVITY FILLER KIT (VTFE)	SEAT (RTFE) each	STEM PACKING (RTFE) each	BODY GASKET (RTFE) each	SPRING WASHER (Set of 6)	GLAND LINER
½"	HWLKFGXN	SPRTC1- -B- -3	DPRTC1- -B103	SPRTC008	SPRTC109	SPRTC013	SPK-E110	N/A
¾"	HWLKFGXN	SPRTD1- -B- -3	DPRTD1- -B103	SPRTD008	SPRTC109	SPRTD013	SPK-E110	N/A
1"	HWLKFGXN	SPRTE1- -B- -3	DP RTE1- -B103	SPRTE008	SPRTE109	SPRTE013	SPK-E110	N/A
1¼"	HWLKFKXN	SPRTF1- -B- -3	DPRTF1--B103	SPRTF008	SPRTH109	SPRTF013	SPK-H110	N/A
1½"	HWLKFKXN	SPRTG1- -B- -3	DPRTG1- -B103	SPRTG008	SPRTH109	SPRTG013	SPK-H110	N/A
2"	HWLKFKXN	SPRTH1- -B- -3	DP RTH1- -B103	SPRTH008	SPRTH109	SPRTH013	SPK-H110	N/A
2½"	HWLKFOXN	SPRTJ1- -B- -3	DPRTJ1--B103	SPRTJ008	SPRTJ109	SPRTJ013	SPK-K110	N/A
3"	HWLKFOXN	SPRTK1- -B- -3	DPRTK1- -B103	SPRTK008	SPR TK109	SPRTK013	SPK-K110	N/A
4"	HWLKFOXN	SPRTL1- -B- -3	DPRTL1- -B103	SPRTL008	SPR TK109	SPRTL013	SPK-K110	N/A
6"	HWLKFVXN	SPRTM1- -B- -3	DPRTM1- -B103	SPRTM008	SPRTM109	SPRTM013	SPK-M110	SPRTM018
8"	HWLKFVXN	SPRTN1- -B- -3	N/A	SPRTN008	SPRTM109	SPRTN013	SPK-M110	CF

NOTE - body cavity filler kit also includes (2) body gaskets
Part kit nomenclature - e.g. B103 → B = RTFE seat material w/ VTFE cavity fillers
10 = flow pattern #10
3 = cavity filler kit

SP / FT / DP • Series 0 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT--12A
Automated LT--12A

	REPAIR KITS			SP / FT / DP STEM 316L S/S	SP / FT BALL 316L STAINLESS	SP / FT / DP GLAND 300 SERIES S/S	SP / FT / DP GLAND RING 300 SERIES S/S
	RTFE ¹	S-TEF®	UHMWPE				
1/2"	SPRTC0- -1	SPHTC0- -1	SPUTC0- -1	SPHLC005	SPHLC002	SPK-C006	SPK-C010
3/4"	SPRTD0- -1	SPHTD0- -1	SPUTD0- -1	SPHLC005	SPHLD002	SPK-C006	SPK-C010
1"	SPRTE0- -1	SPHTE0- -1	SPUTE0- -1	SPHLE005	SPHLE002	SPK-E006	SPK-E010
1 1/4"	SPRTF0- -1	SPHTF0- -1	SPUTF0- -1	SPHLF005	SPHLF002	SPK-F006	SPK-F010
1 1/2"	SPRTG0- -1	SPHTG0- -1	SPUTG0- -1	SPHLH005	SPHLG002	SPK-H006	SPK-H010
2"	SPRTH0- -1	SPHTH0- -1	SPUTH0- -1	SPHLH005	SPHLH002	SPK-H006	SPK-H010
2 1/2"	SPRTJ0- -1	SPHTJ0- -1	SPUTJ0- -1	SPHLJ005	SPHLJ002	SPK-J006	SPK-J010
3"	SPRTK0- -1	SPHTK0- -1	SPUTK0- -1	SPHLK005	SPHLK002	SPK-K006	SPK-K010
4"	SPRTL0- -1	SPHTL0- -1	SPUTL0- -1	SPHLK005	SPHLL002	SPK-K006	SPK-K010
6"	SPRTM0- -1	SPHTM0- -1	SPUTM0- -1	SPHLM005	SPHLM002	SPK-M006	SPK-M010
8"	SPRTN0- -1	SPHTN0--1	SPUTN0- -1	SPHLM005	SPHLN002	SPK-N006	SPK-M010

Standard repair kit material is RTFE. To order a different material not listed above, please see page 25 for information.

¹ Series 0 repair kits contain stem packings to accommodate BOTH Series 0 and Series 1 valves

	SP / FT BODY CAVITY FILLER KIT (VTFE)	DP SIDE ENTRY BODY CAVITY FILLER KIT (VTFE)	STEM NUT	SEAT (RTFE) each	STEM PACKING (RTFE) each	BODY GASKET (RTFE) each	GLAND LINER
1/2"	SPRTC1- -B- -3	DPRTC1- -B103	HWAKCDXN	SPRTC008	SPRTC009	SPRTC013	N/A
3/4"	SPRTD1- -B- -3	DPRTD1- -B103	HWAKCDXN	SPRTD008	SPRTC009	SPRTD013	N/A
1"	SPRTE1- -B- -3	DP RTE1- -B103	HWJKCEXN	SPRTE008	SPRTE009	SPRTE013	N/A
1 1/4"	SPRTF1- -B- -3	DPRTF1- -B103	HWJKCHXN	SPRTF008	SPRTF009	SPRTF013	N/A
1 1/2"	SPRTG1- -B- -3	DPRTG1- -B103	HWJKCHXN	SPRTG008	SPRTH009	SPRTG013	N/A
2"	SPRTH1- -B- -3	DP RTH1- -B103	HWJKCHXN	SPRTH008	SPRTH009	SPRTH013	N/A
2 1/2"	SPRTJ1- -B- -3	DP RTJ1- -B103	HWJKCKXN	SPRTJ008	SPRTJ009	SPRTJ013	N/A
3"	SPRTK1- -B- -3	DP RTK1- -B103	HWJKCKXN	SPRTK008	SPRTK009	SPRTK013	N/A
4"	SPRTL1- -B- -3	DPRTL1- -B103	HWJKCKXN	SPRTL008	SPRTK009	SPRTL013	N/A
6"	SPRTM1- -B- -3	DPRTM1- -B103	CF	SPRTM008	SPRTM009	SPRTM013	SPRTM018
8"	SPRTN1- -B- -3	N/A	CF	SPRTN008	SPRTM009	SPRTN013	CF

NOTE - body cavity filler kit also includes (2) body gaskets

Part kit nomenclature - e.g. B103 →

B = RTFE seat material w/ VTFE cavity fillers

10 = flow pattern #10

3 = cavity filler kit

MP • Series 1 • Repair / Replacement Parts

PBM Recommended Spares - Repair Kit, Ball & Stem

Installation, Operation & Maintenance Documents

Manual LT- -101A
Automated LT- -101B

	REPAIR KITS ¹							SPRING WASHER W/STOP DISC 300 SERIES S/S Set of 6
	RTFE	S-TEF®	UHMWPE	STEM 316L S/S	L-PORT BALL 316L S/S	T-PORT BALL 316L S/S	LL-PORT BALL 316L S/S	
½"	MPRTC1- -A011	MPHTC1- -H011	MPUTC1- -K011	MPHLC105	MPH-C102A-	MPH-C102T-	MPHLC102D-	ANK-E110
¾"	MPRTD1- -A011	MPHTD1- -H011	MPUTD1- -K011	MPHLC105	MPH-D102A-	MPH-D102T-	MPHLD102D-	ANK-E110
1"	MPRTE1- -A011	MPHTE1- -H011	MPUTE1- -K011	MPHLE105	MPH-E102A-	MPHLE102T-	MPHLE102D-	SPK-H110
1¼"	MPRTF1- -A011	MPHTE1- -H011	MPUTE1- -K011	MPHLE105	MPH-E102A-	MPHLE102T-	MPHLE102D-	SPK-H110
1½"	MPRTG1- -A011	MPHTG1- -H011	MPUTG1- -K011	MPHLG105	MPH-G102A-	MPH-G102T-	MIHLG102D-	SPK-K110
2"	MPRTH1- -A011	MPHTH1- -H011	MPUTH1- -K011	MPHLG105	MPH-H102A-	MPHLH102T-	MPHLH102D-	SPK-K110
3"	MPRTK1- -A011	MPHTK1- -H011	MPUTK1- -K011	MPHLK105	MPHLK102A-	MPHLK102T-	MPH-K102D-	SPK-K110
4"	MPRTL1- -A011	MPHTL1- -H011	MPUTL1- -K011	MPHLL105	MPH-L102A-	MPHLL102T-	MPH-L102D-	MPK-L110

Standard repair kit material is RTFE. To order a different material not listed above, please see page 25 for information.

¹ Side entry only flow pattern – Consult PBM for bottom entry repair kit (requires additional seat & gasket)

Part kit nomenclature - e.g. A011 →

A = RTFE
01 = flow pattern #01
1 = repair kit

	STEM NUT	FOLLOWER (300 SERIES S/S)	SEAT (RTFE) each	STEM PACKING (RTFE) each	END BODY GASKET (RTFE) each	SIDE BODY GASKET (RTFE) each	HANDLE (300 SERIES S/S) W/STOP DISK 90° TURN	GLAND LINER
½"	HWJKFHYN ¹	ANK-E106	MPRTC108	ANRTE109	MPRTC113	MPRTC114	MPK-C1041	N/A
¾"	HWJKFHYN1	ANK-E106	MPRTD108	ANRTE109	MPRTC113	MPRTC114	MPK-C1041	N/A
1"	HWLKFKXN	SPK-H106	MPRTE008	SPRTH109	MPRTE013	MPRTE014	SPK-H1041	N/A
1¼"	HWLKFKXN	SPK-H106	MPRTE008	SPRTH109	MPRTE013	MPRTE014	SPK-H1041	N/A
1½"	HWLKFOXN	SPK-K106	MPRTG008	SPRTK109	MPRTG013	MPRTG014	SPK-K1041	N/A
2"	HWLKFOXN	SPK-K106	MPRTH008	SPRTK109	MPRTH013	MPRTH014	SPK-K1041	N/A
3"	HWLKFOXN	SPK-K106	MPRTK008	SPRTK109	MPRTK013	MPRTK014	SPK-K1041	N/A
4"	HWLKFSXN	MPK-L106	MPRTL008	MPRTL109	MPRTL013	MPRTL014	MPK-L1041	MPRTL018

¹ (2) required per valve

	END FITTING O-RING VITON "A" each	SIDE FITTING O-RING VITON "A" each
½"	ORVI- -12- -2131	ORVI- -12- -2125
¾"	ORVI- -12- -2131	ORVI- -12- -2125

SI / FI • Series 5 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual
Automated

LT- -125A
LT- -125B

	REPAIR KITS			STEM 316L S/S	STEM FOR EXTENSION 316L S/S	STEM FOR GROUNDING 316L S/S	BALL 316 / 316L S/S	BALL w / 20Ra ID 316L S/S
	TFM™	S-TEF®	UHMWPE					
½"	SITFC5- -G- -1	SIHTC5- -H- -1	SIUTC5- -K- -1	SPHLD505	SPHLD505E-	SPHLD505G-	SIHLC502	SIHLC502- -A
¾"	SITFD5- -G- -1	SIHTD5- -H- -1	SIUTD5- -K- -1	SPHLD505	SPHLD505E-	SPHLD505G-	SIHLD502	SIHLD502- -A
1"	SITFE5- -G- -1	SIHTE5- -H- -1	SIUTE5- -K- -1	SPHLE505	SPHLE505E-	SPHLE505G-	SIHLE402	SIHLE402- -A
1½"	SITFG5- -G- -1	SIHTG5- -H- -1	SIUTG5- -K- -1	SPHLH505	SPHLH505E-	SPHLH505G-	SIHLG402	SIHLG402- -A
2"	SITFH5- -G- -1	SIHTH5- -H- -1	SIUTH5- -K- -1	SPHLH505	SPHLH505E-	SPHLH505G-	SIHLH402	SIHLH402- -A
2½"	SITFJ5- -G- -1	SIHTJ5- -H- -1	SIUTJ5- -K- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SIHLJ402	SIHLJ402- -A
3"	SITFK5- -G- -1	SIHTK5- -H- -1	SIUTK5- -K- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SIHLK402	SIHLK402- -A
4"	SITFL5- -G- -1	SIHTL5- -H- -1	SIUTL5- -K- -1	SPHLL505	SPHLL505E-	SPHLL505G-	SIHLL502	SIHLL502- -A
6"	SITFM5- -G- -1	SIHTM5- -H- -1	SIUTM5- -K- -1	SPHLM505	N/A	SPHLM505G-	SIHLM502	SIHLM502- -A

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	BODY CAVITY FILLER KIT (VTFE)	SEAT (TFM™) each	STEM PACKING (TFM™) each	SPRING WASHERS (Set of 6)	HANDLE	HANDLE LOCK KIT	FOLLOWER (300 SERIES S/S)	WELD PAD 316L S/S
½"	SPTFC5- -J- -3	SITFC508	SPTFD509	SPK-E110	SPK-D504C-	KIT-SPD5- -04	SPK-D506	FIHLC503
¾"	SPTFD5- -J- -3	SITFD508	SPTFD509	SPK-E110	SPK-D504C-	KIT-SPD5- -04	SPK-D506	FIHLD503
1"	SPTFE5- -J- -3	SITFE508	SPTFE509	SPK-E510	SPK-E504C-	KIT-SPE5- -04	SPK-E506	FIHLE503
1½"	SPTFG5- -J- -3	SITFG508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	FIHLG503
2"	SPTFH5- -J- -3	SITFH508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	FIHLH503
2½"	SPTFJ5- -J- -3	SITFJ508	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506	N/A
3"	SPTFK5- -J- -3	SITFK508	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506	FIHLK503
4"	SPTFL5- -J- -3	SITFL508	SPTFL509	MPK-L110	SPK-L504C-	KIT-SPL5- -04	SPK-L506	FIHLL503
6"	SPTFM5- -J- -3	SITFM508	SPTFM509	SPK-M510	N/A	N/A	SPK-M506	FIHLM503

CS • Series 5 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT- -126A
Automated LT- -126B

	TFM™ with EPR o-rings	REPAIR KITS S-TEF® with EPR o-rings	UHMWPE with EPR o-rings	STEM 316L S/S	STEM FOR EXTENSION 316L S/S	BALL 316 / 316L S/S	BALL w / 20Ra ID 316 S/S	SEAT ENCAP RING 316L S/S
½"	CSTFC5- -Z- -1	CSHTC5- -0- -1	CSUTC5- -3- -1	SPHLD505	SPHLD505E-	SIHLC502	SIHLC502- -A	SIHLC508E1
¾"	CSTFD5- -Z- -1	CSHTD5- -0- -1	CSUTD5- -3- -1	SPHLD505	SPHLD505E-	SIHLD502	SIHLD502- -A	SIHLD508E1
1"	CSTFE5- -Z- -1	CSHTE5- -0- -1	CSUTE5- -3- -1	SPHLE505	SPHLE505E-	SIHLE402	SIHLE402- -A	SIHLE508E1
1½"	CSTFG5- -Z- -1	CSHTG5- -0- -1	CSUTG5- -3- -1	SPHLH505	SPHLH505E-	SIHLG402	SIHLG402- -A	SIHLG508E1
2"	CSTFH5- -Z- -1	CSHTH5- -0- -1	CSUTH5- -3- -1	SPHLH505	SPHLH505E-	SIHLH402	SIHLH402- -A	SIHLH508E1
2½"	CSTFJ5- -Z- -1	CSHTJ5- -0- -1	CSUTJ5- -3- -1	SPHLK505	SPHLK505E-	SIHLJ402	SIHLJ402- -A	SIHLJ508E1
3"	CSTFK5- -Z- -1	CSHTK5- -0- -1	CSUTK5- -3- -1	SPHLK505	SPHLK505E-	SIHLK402	SIHLK402- -A	SIHLK508E1
4"	CSTFL5- -Z- -1	CSHTL5- -0- -1	CSUTL5- -3- -1	SPHLL505	SPHLL505E-	SIHLL502	SIHLL502- -A	SIHLL508E1
6"	CSTFM5- -Z- -1	CSHTM5- -0- -1	CSUTM5- -3- -1	SPHLM505	N/A	SIHLM502	SIHLM502- -A	SIHLM508E1

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	BODY CAVITY FILLER KIT (VTFE)	SEAT BACK O-RING EPR each	SEAT OD O-RING EPR each	SEAT (TFM™) each	STEM PACKING (TFM™) each	BODY GASKET (TFM™) each	SPRING WASHERS (Set of 6)	HANDLE
½"	SPTFC5- -J- -3	OREP- - 12- - -2019	OREP- - 12- - -2021	CSTFC508	SPTFD509	CSTFC513	SPK-E110	SPK-D504C-
¾"	SPTFD5- -J- -3	OREP- - 12- - -2024	OREP- - 12- - -2026	CSTFD508	SPTFD509	CSTFD513	SPK-E110	SPK-D504C-
1"	SPTFE5- -J- -3	OREP- - 12- - -2030	OREP- - 12- - -2031	CSTFE508	SPTFE509	CSTFE513	SPK-E510	SPK-E504C-
1½"	SPTFG5- -J- -3	OREP- - 12- - -2138	OREP- - 12- - -2144	CSTFG508	SPTFH509	CSTFG513	SPK-H510	SPK-H504C-
2"	SPTFH5- -J- -3	OREP- - 12- - -2146	OREP- - 12- - -2235	CSTFH508	SPTFH509	CSTFH513	SPK-H510	SPK-H504C-
2½"	SPTFJ5- -J- -3	OREP- - 12- - -2236	OREP- - 12- - -2243	CSTFJ508	SPTFK509	CSTFJ513	SPK-K510	SPK-K504C-
3"	SPTFK5- -J- -3	OREP- - 12- - -2240	OREP- - 12- - -2247	CSTFK508	SPTFK509	CSTFK513	SPK-K510	SPK-K504C-
4"	SPTFL5- -J- -3	OREP- - 12- - -2352	OREP- - 12- - -2363	CSTFL508	SPTFL509	CSTFL513	MPK-L110	SPK-L504C-
6"	SPTFM5- -J- -3	OREP- - 12- - -2365	OREP- - 12- - -2377	CSTFM508	SPTFM509	CSTFM513	SPK-M510	N/A

DI • Series 5 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT- -123A
Automated LT- -123B

	REPAIR KITS			STEM 316L S/S	STEM FOR EXTENSION 316L S/S	STEM FOR GROUNDING 316L S/S	L-PORT BALL 316L S/S	L-PORT BALL w / 20Ra ID 316L S/S
	TFM™	S-TEF®	UHMWPE					
½"	SITFC5- -G- -1	SIHTC5- -H- -1	SIUTC5- -K- -1	DPHLD505	DPHLD505E-	DPHLD505G-	DIHLC502A-	DIHLC502A-A
¾"	SITFD5- -G- -1	SIHTD5- -H- -1	SIUTD5- -K- -1	DPHLD505	DPHLD505E-	DPHLD505G-	DIHLD502A-	DIHLD502A-A
1"	SITFE5- -G- -1	SIHTE5- -H- -1	SIUTE5- -K- -1	DPHLE505	DPHLE505E-	DPHLE505G-	DIHLE502A-	DIHLE502A-A
1½"	SITFG5- -G- -1	SIHTG5- -H- -1	SIUTG5- -K- -1	DPHLH505	DPHLH505E-	DPHLH505G-	DIHLG502A-	DIHLG502A-A
2"	SITFH5- -G- -1	SIHTH5- -H- -1	SIUTH5- -K- -1	DPHLH505	DPHLH505E-	DPHLH505G-	DIHLH502A-	DIHLH502A-A
3"	SITFK5- -G- -1	SIHTK5- -H- -1	SIUTK5- -K- -1	DPHLK505	DPHLK505E-	DPHLK505G-	DIHLK502A-	DIHLK502A-A
4"	SITFL5- -G- -1	SIHTL5- -H- -1	SIUTL5- -K- -1	DPHLL505	DPHLL505E-	DPHLL505G-	DIHLL502A-	DIHLL502A-A
6"	SITFM5- -G- -1	SIHTM5- -H- -1	SIUTM5- -K- -1	DPHLM505	N/A	DPHLM505G-	DIHLM502A-	DIHLM502A-A

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

	BODY CAVITY FILLER KIT (VTFE) ¹	SEAT (TFM™) each	STEM PACKING (TFM™) each	SPRING WASHERS (Set of 6)	HANDLE 90° TURN	HANDLE LOCK KIT 90° TURN	FOLLOWER (300 SERIES S/S)	STOP PIN (300 SERIES S/S)
½"	DITFC5- -J103	SITFC508	SPTFD509	SPK-E110	SPK-D504C-	KIT-SPD5- -04	SPK-D506	SPK-D530
¾"	DITFD5- -J103	SITFD508	SPTFD509	SPK-E110	SPK-D504C-	KIT-SPD5- -04	SPK-D506	SPK-D530
1"	DITFE5- -J103	SITFE508	SPTFE509	SPK-E510	SPK-E504C-	KIT-SPE5- -04	SPK-E506	SPK-E530
1½"	DITFG5- -J103	SITFG508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	SPK-H530
2"	DITFH5- -J103	SITFH508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	SPK-H530
3"	DITFK5- -J103	SITFK508	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506	SPK-K530
4"	DITFL5- -J103	SITFL508	SPTFL509	MPK-L110	SPK-L504C-	KIT-SPL5- -04	SPK-L506	SPK-L530
6"	DITFM5- -J103	SITFM508	SPTFM509	SPK-M510	N/A	N/A	SPK-M506	N/A

¹ Side entry

Part kit nomenclature - e.g. J103 →

J = TFM
10 = flow pattern #10
3 = cavity filler kit

SI / FI • Series 8 & 9 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Series 8 Manual LT- -150A
Series 8 Automated LT- -150B
Series 9 Manual LT- -152A
Series 9 Automated LT- -152B

	REPAIR KITS			STEM 316L S/S	STEM FOR EXTENSION 316L S/S	STEM FOR GROUNDING 316L S/S	BALL SERIES 8 ¹ 316L / 316F S/S	BALL SERIES 9 ² 316L S/S
	TFM™	S-TEF®	UHMWPE					
½"	SITFC8- -G- -1	SIHTC8- -H- -1	SIUTC8- -K- -1	SPHLD805	SPHLD805E-	SPHLD805G-	SIHFC802- -A	SIHLC902
¾"	SITFD8- -G- -1	SIHTD8- -H- -1	SIUTD8- -K- -1	SPHLD805	SPHLD805E-	SPHLD805G-	SIHFD802- -A	SIHLD902
1"	SITFE8- -G- -1	SIHTE8- -H- -1	SIUTE8- -K- -1	SPHLE805	SPHLE805E-	SPHLE805G-	SIHFE802- -A	SIHLE902
1½"	SITFG8- -G- -1	SIHTG8- -H- -1	SIUTG8- -K- -1	SPHLH105	SPHLH105E-	SPHLH105G-	SIHFG802- -A	SIHLG902
2"	SITFH8- -G- -1	SIHTH8- -H- -1	SIUTH8- -K- -1	SPHLH505	SPHLH505E-	SPHLH505G-	SIHFH802- -A	SIHLH902
2½"	SITFJ8- -G- -1	SIHTJ8- -H- -1	SIUTJ8- -K- -1	SPHLK505	SPHLK505E-	SPHLK505G-	N/A	SIHLJ902
3"	SITFK8- -G- -1	SIHTK8- -H- -1	SIUTK8- -K- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SIHFK802- -A	SIHLK902
4"	SITFL8- -G- -1	SIHTL8- -H- -1	SIUTL8- -K- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SIHFL802- -A	SIHLL902
6"	SITFM9- -G- -1	SIHTM8- -H- -1	SIUTM8- -K- -1	SIHLM905	N/A	N/A	N/A	SIHLM902

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

¹ 20Ra ID POLISH - 316L FORGED or barstock

² 30Ra ID POLISH - 316L CAST

	BODY CAVITY FILLER KIT (VTFE)	SEAT (TFM™) each	STEM PACKING (TFM™) each	SPRING WASHERS (Set of 6)	HANDLE	HANDLE LOCK KIT	FOLLOWER (300 SERIES 8/9)	WELD PAD 316L - SERIES 9	SERIES 9 END (EACH) * = F- OR X-	SERIES 8 END (EACH) * = F- OR X-
½"	SITFC8- -J- -3	SITFC808	SPTFD809	CSK-C117	SPK-D804C-	KIT-SID8- -04	SPK-D806	FIHLC803	SIHLC903*-	SIHFC803*-A
¾"	SITFD8- -J- -3	SITFD808	SPTFD809	CSK-C117	SPK-D804C-	KIT-SID8- -04	SPK-D806	FIHLD803	SIHLD903*-	SIHFD803*-A
1"	SITFE8- -J- -3	SITFE808	SPTFD809	SPK-E110	SPK-D504C-	KIT-SIE8- -04	SPK-D506	FIHLE903	SIHLE903*-	SIHFE803*-A
1½"	SITFG8- -J- -3	SITFG808	SPTFG809	SPK-H110	SPK-G804C-	KIT-SIG8- -04	SPK-G806	FIHLG903	SIHLG903*-	SIHFG803*-A
2"	SITFH5- -J- -3	SITFH508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506	FIHLH903	SIHLH903*-	SIHFH803*-A
2½"	SITFJ5- -J- -3	SITFJ508	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506	N/A	SIHLJ903*-	N/A
3"	SITFK8- -J- -3	SITFK808	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506	FIHLK903	SIHLK903*-	SIHFK803*-A
4"	SITFL8- -J- -3	SITFL808	SPTFK509	SPK-K510	SPK-L504C-	KIT-SPK5- -04	SPK-L506	FIHLL903	SIHLL903*-	SIHFL803*-A
6"	SITFM8- -J- -3	SITFM908	SITFM909	SPK-M110	N/A	N/A	SIK-M906	FIHLM903	SIHLM903*-	N/A

Series 8 & 9 end fittings are offered with their respective standard ID finish (30Ra for Series 9 and 20Ra for Series 8). Consult PBM for other polishes.

CS • Series 8 & 9 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Series 8 Manual LT- -151A
 Series 8 Automated LT- -151B
 Series 9 Manual LT- -153A
 Series 9 Automated LT- -153B

	TFM™ with EPR O-rings	REPAIR KITS S-TEF® with EPR O-rings	UHMWPE with EPR O-rings	STEM 316L S/S	STEM FOR EXTENSION 316L S/S	STEM FOR GROUNDING 316L S/S	BALL w / 20Ra ID 316L / 316F S/S	SEAT ENCAP RING 316L S/S
½"	CSTFC8- -Z- -1	CSHTC8- -0- -1	CSUTC8- -3- -1	SPHLD805	SPHLD805E-	SPHLD805G-	SIHFC802- -A	SIHLC808E1
¾"	CSTFD8- -Z- -1	CSHTD8- -0- -1	CSUTD8- -3- -1	SPHLD805	SPHLD805E-	SPHLD805G-	SIHFD802- -A	SIHLD808E1
1"	CSTFE8- -Z- -1	CSHTE8- -0- -1	CSUTE8- -3- -1	SPHLE805	SPHLE805E-	SPHLE805G-	SIHFE802- -A	SIHLE808E1
1½"	CSTFG8- -Z- -1	CSHTG8- -0- -1	CSUTG8- -3- -1	SPHLH105	SPHLH105E-	SPHLH105G-	SIHFG802- -A	SIHLG808E1
2"	CSTFH8- -Z- -1	CSHTH8- -0- -1	CSUTH8- -3- -1	SPHLH505	SPHLH505E-	SPHLH505G-	SIHFH802- -A	SIHLH508E1
2½"	CSTFJ8- -Z- -1	CSHTJ8- -0- -1	CSUTJ8- -3- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SIHFJ902- -A	SIHLJ508E1
3"	CSTFK8- -Z- -1	CSHTK8- -0- -1	CSUTK8- -3- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SIHFK802- -A	SIHLK808E1
4"	CSTFL8- -Z- -1	CSHTL8- -0- -1	CSUTL8- -3- -1	SPHLK505	SPHLK505E-	SPHLK505G-	SIHFL802- -A	SIHLL808E1
6"	CSTFM8- -Z- -1	CSHTM8- -0- -1	CSUTM8- -3- -1	SIHLM905	N/A	N/A	SIHLM902- -A	SIHLM508E1

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

¹ 20Ra ID POLISH - 316L FORGED or barstock

² 30Ra ID POLISH - 316L CAST

	BODY CAVITY FILLER KIT (VTFE)	SEAT BACK O-RING EPR each	SEAT OD O-RING EPR each	SEAT (TFM™) each	STEM PACKING (TFM™) each	BODY GASKET TFM™ each	SPRING WASHERS (Set of 6)	HANDLE
½"	SITFC8- -J- -3	OREP- -12- - -2016	OREP- -12- - -2018	CSTFC808	SPTFD809	CSTFC813	CSK-C117	SPK-D804C-
¾"	SITFD8- -J- -3	OREP- -12- - -2020	OREP- -12- - -2022	CSTFD808	SPTFD809	CSTFD813	CSK-C117	SPK-D804C-
1"	SITFE8- -J- -3	OREP- -12- - -2026	OREP- -12- - -2028	CSTFE808	SPTFD509	CSTFE813	SPK-E110	SPK-D504C-
1½"	SITFG8- -J- -3	OREP- -12- - -2226	OREP- -12- - -2142	CSTFG808	SPTFG809	CSTFG813	SPK-H110	SPK-G804C-
2"	SITFH5- -J- -3	OREP- -12- - -2146	OREP- -12- - -2235	CSTFH508	SPTFH509	CSTFH513	SPK-H510	SPK-H504C-
2½"	SITFJ5- -J- -3	OREP- -12- - -2236	OREP- -12- - -2243	CSTFJ508	SPTFK509	CSTFJ513	SPK-K510	SPK-K504C-
3"	SITFK8- -J- -3	OREP- -12- - -2240	OREP- -12- - -2245	CSTFK808	SPTFK509	CSTFK813	SPK-K510	SPK-K504C-
4"	SITFL8- -J- -3	OREP- -12- - -2351	OREP- -12- - -2380	CSTFL808	SPTFK509	CSTFL813	SPK-K510	SPK-K504C-
6"	SITFM9- -J- -3	OREP- -12- - -2365	OREP- -12- - -2377	CSTFM908	SITFM909	CSTFM913	SPK-M110	N/A

DI • Series 9 • Repair / Replacement Parts

Installation, Operation & Maintenance Documents

PBM Recommended Spares - Repair Kit, Ball & Stem

Manual LT- -156A
Automated LT- -156B

	REPAIR KITS			STEM 316L S/S	STEM FOR EXTENSION 316L S/S	STEM FOR GROUNDING 316L S/S	L-PORT BALL Series 8 Std 20Ra ID	L-PORT BALL Series 9 Std 30Ra ID
	TFM™	S-TEF®	UHMWPE					
½"	SITFC8- -G- -1	SIHTC8- -H- -1	SIUTC8- -K- -1	DPHLD805	DPHLD805E-	DPHLD805G-	DIHFC802A-A	DIHLC902A-
¾"	SITFD8- -G- -1	SIHTD8- -H- -1	SIUTD8- -K- -1	DPHLD805	DPHLD805E-	DPHLD805G-	DIHFD802A-A	DIHLD902A-
1"	SITFE8- -G- -1	SIHTE8- -H- -1	SIUTE8- -K- -1	DPHLE805	DPHLE805E-	DPHLE805G-	DIHFE802A-A	DIHLE902A-
1½"	SITFG8- -G- -1	SIHTG8- -H- -1	SIUTG8- -K- -1	ASHLH105	ASHLH105E-	ASHLH105G-	DIHFG802A-A	DIHLG902A-
2"	SITFH8- -G- -1	SIHTH8- -H- -1	SIUTH8- -K- -1	DPHLH805	DPHLH505E-	DPHLH505G-	DIHFH802A-A	DIHLH902A-
3"	SITFK8- -G- -1	SIHTK8- -H- -1	SIUTK8- -K- -1	DPHLK505	DPHLK505E-	DPHLK505G-	DIHLK902A-A	DIHLK902A-
4"	SITFL8- -G- -1	SIHTL8- -H- -1	SIUTL8- -K- -1	DPHLL505	DPHLL505E-	DPHLL505G-	DIHLL902A-A	DIHLL902A-
6"	SITFM8- -G- -1	SIHTM8- -H- -1	SIUTM8- -K- -1	DIHLM905	N/A	DIHLM905G-	DIHLM902A-A	DIHLM902A-

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

For bottom entry ball part numbers, consult PBM

	BODY CAVITY FILLER KIT (VTFE) ¹	SEAT (TFM™) each	STEM PACKING (TFM™) each	SPRING WASHERS (Set of 6)	HANDLE	HANDLE LOCK KIT Flow Pattern #10	FOLLOWER (300 SERIES S/S)
½"	DITFC8- -J103	SITFC808	SPTFD809	CSK-C117	SPK-D804C-	KIT-SID8- -04	SPK-D806
¾"	DITFD8- -J103	SITFD808	SPTFD809	CSK-C117	SPK-D804C-	KIT-SID8- -04	SPK-D806
1"	DITFE8- -J103	SITFE808	SPTFD509	SPK-E110	SPK-D504C-	KIT-SIE8- -04	SPK-D506
1½"	DITFG8- -J103	SITFG808	SPTFG809	SPK-H110	SPK-G804C-	KIT-SIG8- -04	SPK-G806
2"	DITFH8- -J103	SITFH508	SPTFH509	SPK-H510	SPK-H504C-	KIT-SPH5- -04	SPK-H506
3"	DITFK8- -J103	SITFK808	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506
4"	DITFL8- -J103	SITFL808	SPTFK509	SPK-K510	SPK-K504C-	KIT-SPK5- -04	SPK-K506
6"	DITFM8- -J103	SITFM908	SITFM909	SPK-M110	N/A	KIT-SPK5- -04	SIK-M906

¹ Side entry

Part kit nomenclature - e.g. J103 →

J = TFM
10 = flow pattern #10
3 = cavity filler kit

MI • Series 5 • Repair / Replacement Parts

PBM Recommended Spares - Repair Kit, Ball & Stem

Installation, Operation & Maintenance Documents

Manual IOM-MI5
Automated IOM-MI5

	REPAIR KITS			STEM 316L S/S	L-PORT BALL 316L S/S	T-PORT BALL 316L S/S	LL-PORT BALL 316L S/S
	TFM™	S-TEF®	UHMWPE				
½"	MITFC5--G011	MIHTC5--H011	MIUTC5--K011	MPHLC505	MIHLC402A-	MIHLC402T-	MIHLC402D-
¾"	MITFD5--G011	MIHTD5--H011	MIUTD5--K011	MPHLC505	MIHLD402A-	MIHLD402T-	MIHLD402D-
1"	MITFE5--G011	MIHTE5--H011	MIUTE5--K011	MPHLE505	MIHLE402A-	MIHLE402T-	MIHLE402D-
1½"	MITFG5--G011	MIHTG5--H011	MIUTG5--K011	MPHLG405	MIHLG402A-	MIHLG402T-	MIHLG402D-
2"	MITFH5--G011	MIHTH5--H011	MIUTH5--K011	MPHLG405	MIHLH402A-	MIHLH402T-	MIHLH402D-
3"	MITFK5--G011	MIHTK5--H011	MIUTK5--K011	MPHLK505	MIHLK402A-	MIHLK402T-	MIHLK402D-
4"	MITFL5--G011	MIHTL5--H011	MIUTL5--K011	DIHLM905	MIHLL402A-	MIHLL402T-	MIHLL402D-

Standard repair kit material is TFM™. To order a different material not listed above, please see page 25 for information.

Part kit nomenclature - e.g. G011 →

G = TFM™
01 = flow pattern #01
1 = repair kit

	BODY CAVITY FILLER KIT (VTFE)	SPRING WASHERS (Set of 3)	SEAT (TFM™) each	STEM PACKING (TFM™) each	BODY GASKET (TFM™) each	SIDE FITTING GASKET (TFM™) each	FOLLOWER (300 SERIES S/S)
½"	MITFC5--J013	ANK-E110	MITFC508	MPTFC509	MPTFC513	MPTFC514	MPK-C506
¾"	MITFD5--J013	ANK-E110	MITFD508	MPTFC509	MPTFC513	MPTFC514	MPK-C506
1"	MITFE5--J013	SPK-H110	MITFE508	SPTFG809	MPTFE513	MPTFE514	SPK-H106
1½"	MITFG5--J013	SPK-K110	MITFG508	MPTFH509	MPTFG513	MPTFG514	SPK-K106
2"	MITFH5--J013	SPK-K110	MITFH508	MPTFH509	MPTFH513	MPTFH514	SPK-K106
3"	MITFK5--J013	MPK-L110 ¹	MITFK508	SPTFL509	MPTFK513	MPTFK514	SPK-L506
4"	MITFL5--J013	SPK-M110 ²	MITFL508	SITFM909	MPTFL513	MPTFL514	CF

¹ (4) required per valve

² (6) required per valve

REPAIR KIT NOMENCLATURE

Standard repair kit part numbers are generally 11 alpha-numeric characters but can be as short as 9 characters. Below is a guide to help identify what the part number indicates in both instances:

11-character part numbers

Example: SPTFG5--G--1

1	2	3	4	5	6	7	8	9	10	11	12
S	P	T	F	G	5	-	-	G	-	-	1

- | | |
|--|--|
| <p>Columns 1 & 2 indicate the valve product.
 Columns 3 & 4 indicate the material of the seats & seals.
 Column 5 indicates the valve size
 Column 6 indicates the valve Series
 Columns 7 & 8 are placeholders only – DO NOT OMIT
 Column 9 is the code for the material from columns 3 & 4
 Columns 10 & 11 are placeholders for 2-way valves or will indicate the flow pattern for divert and multi-port valves
 Column 12 indicates the kit type</p> | <p>SP = 2-way industrial *
 TF = TFM™*
 G = 1.5" *
 5 = Series 5*

 G = TFM™*
 --- OR
 ## - where ## is the (2) digit flow pattern*
 1 = repair kit
 3 = cavity filler kit</p> |
|--|--|

* consult PBM brochures, Ordering Information pages and/or Flow Pattern Diagrams, for more information on codes and what they represent

If you wish to change the seat / seal material, you must replace the (2) character designation in columns 3 & 4 as well as the (1) character code in position 9.

FOR REPAIR KITS		FOR CAVITY FILLER KITS	
If position 3 & 4 code is	Position 9 code is:	If position 3 & 4 code is	Position 9 code is:
RT	A	RT	B
VT	C	VT	D
TF	G	TF	J
HT	H	HT	I
UT	K	UT	L or M
PK	N	PK	O or P
CQ	Q		
PC	X		

9-character part numbers

Example: SPRTG0--1

1	2	3	4	5	6	7	8	9
S	P	R	T	G	0	-	-	1

- | | |
|--|---|
| <p>Columns 1 & 2 indicate the valve product.
 Columns 3 & 4 indicate the material of the seats & seals.
 Column 5 indicates the valve size
 Column 6 indicates the valve Series
 Columns 7 & 8 are placeholders only – DO NOT OMIT
 Column 9 is the code for the material from columns 3 & 4</p> | <p>SP = 2-way industrial *
 RT = RTFE*
 G = 1.5" *
 0 = Series 0*

 1 = repair kit
 3 = cavity filler kit</p> |
|--|---|

* consult PBM brochures, Ordering Information pages and/or Flow Pattern Diagrams, for more information on codes and what they represent.

Special repair kits

Special repair kits are (15) alpha-numeric characters and follow a slightly different format. Position (9) changes to "1" for a repair kit or "3" for a cavity filler kit. Position (12) is now joined with three additional columns to represent a special engineering number. Example is SPTFH5--1--M263.

