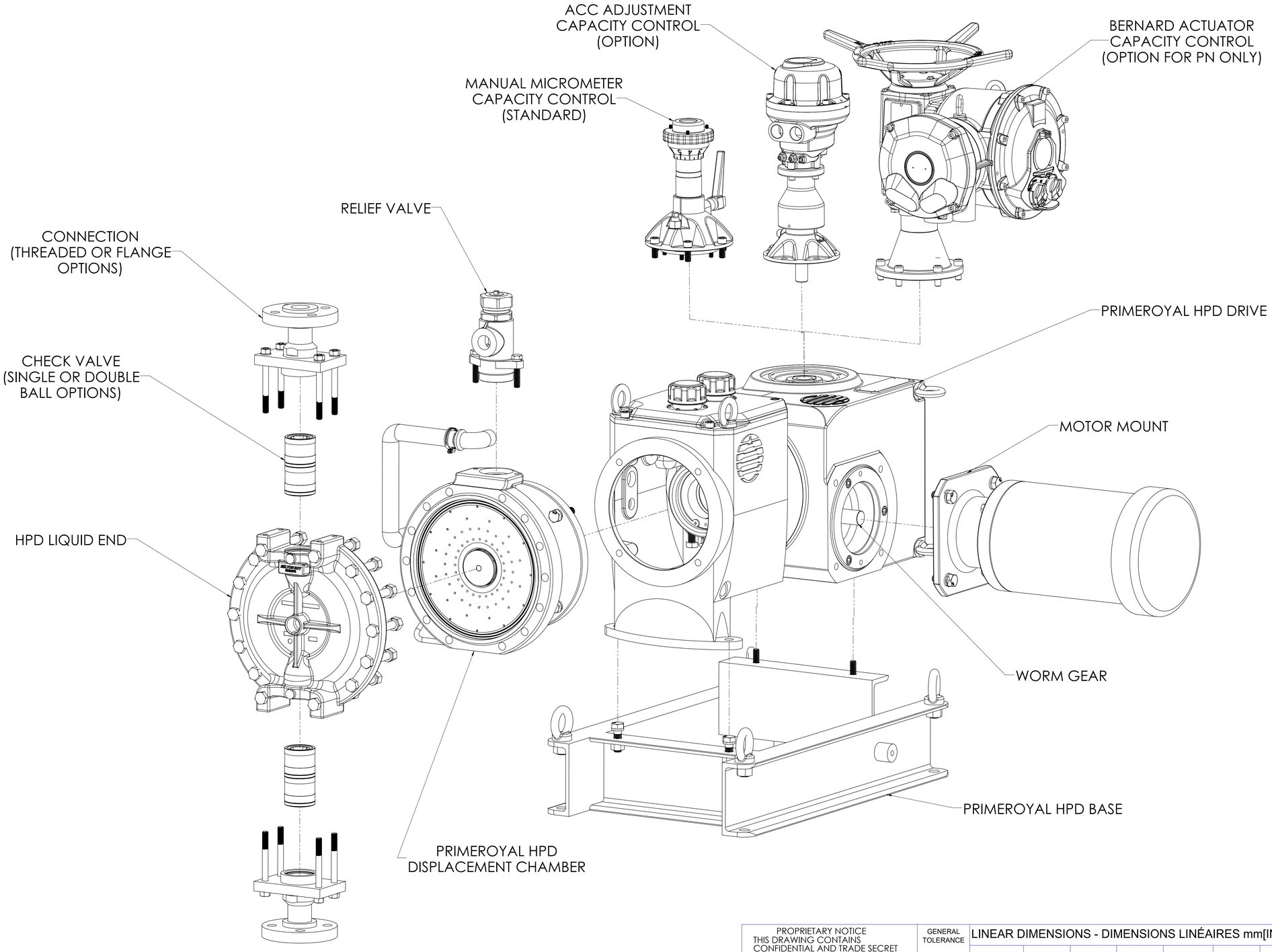


NOTES:
1. DRAWING FOR REFERENCE ONLY. MODEL NOT SPECIFIC TO JOB.

PROPRIETARY NOTICE
THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION, IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO., IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.

GENERAL TOLERANCE	LINEAR DIMENSIONS - DIMENSIONS LINÉAIRES mm[INCHES]							Ra FINISH	GEOMETRIC TOLERANCES TOLÉRANCES GÉOMÉTRIQUES		
ISO 2768	.5 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	<3.2	⊥	=	⟋
TOLERANCES mm[INCHES]	±0.1[.004]	±0.2[.008]	±0.3[.012]	±0.5[.020]	±0.8[.031]	±1.2[.047]	±2[.079]	125 √RMS	0.4 [0.016]	0.6 [0.024]	0.2 [0.079]

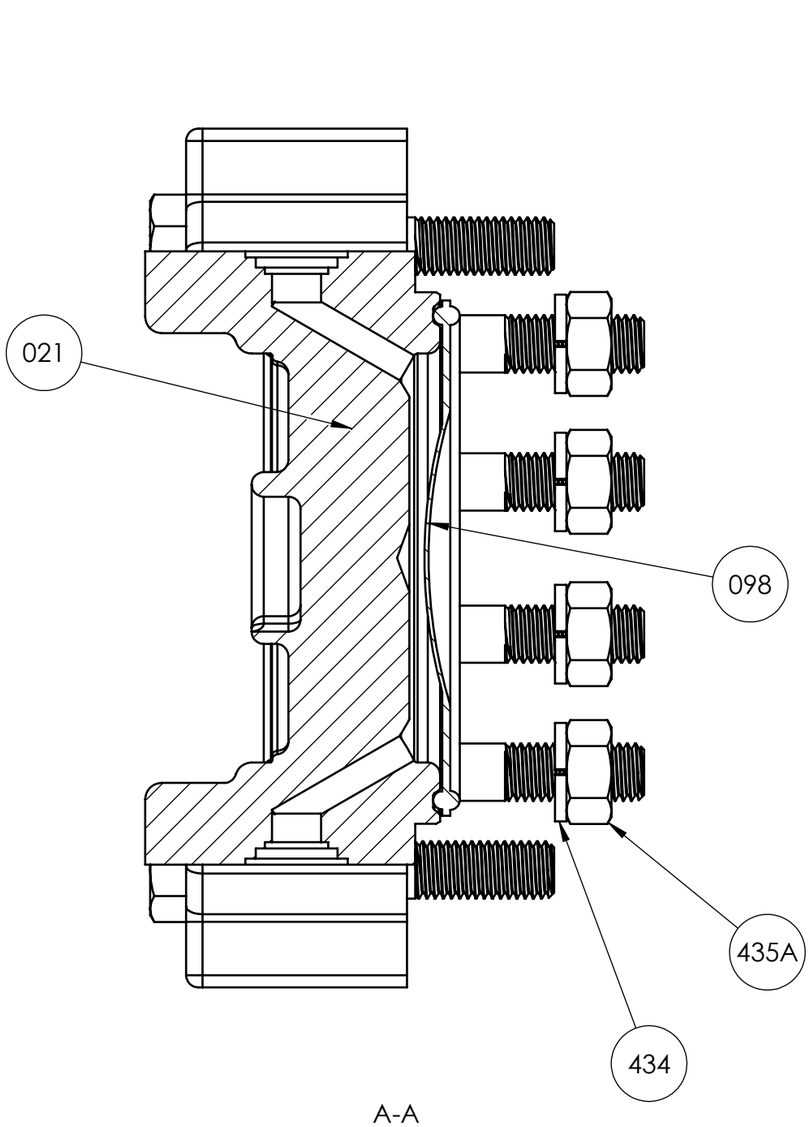
DESCRIPTION

PRIMEROYAL HPD GENERAL ASSEMBLY REFERENCE

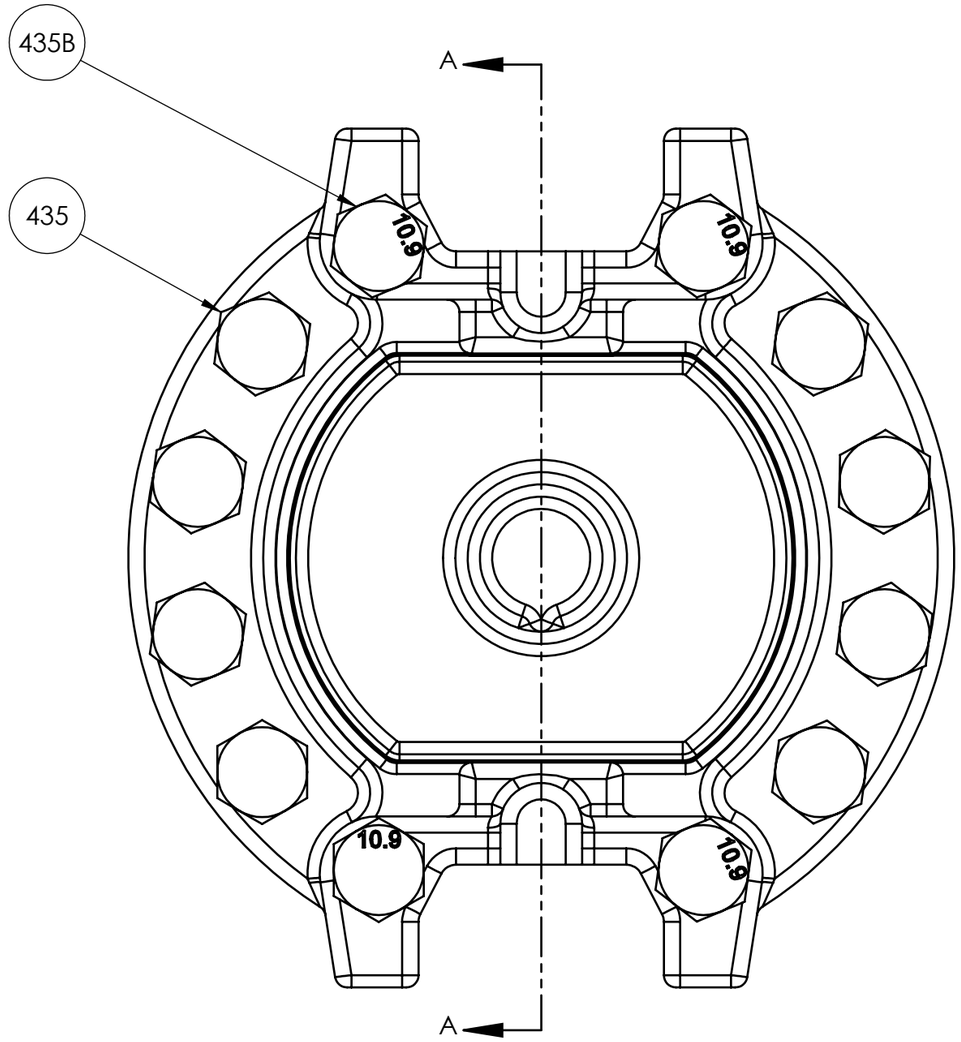
MILTON ROY®

FORMAT TAILLE	FIRST ANGLE PROJECTION	SHEET - FEUILLE	DO NOT SCALE DRAWING	DRAWING NUMBER - PLAN N°	REV
A0		1 / 7	DESSIN SANS ECHELLE	777000003	00

WARNING: THE EXPORT OR REEXPORT OF THIS DRAWING OR A PRODUCT PRODUCED BY THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS



A-A



REVISION HISTORY					
DATE	ECN	DESCRIPTION	Drawn - Dessiné / Visa	Checked -Vérifié / Visa	REV
12/10/19	24614	INITIAL	TCK	CJK	00

PROPRIETARY NOTICE

THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO., IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.

GENERAL TOLERANCES	LINEAR DIMENSIONS - DIMENSIONS LINÉAIRES mm[INCHES]							Ra FINISH	GEOMETRIC TOLERANCES TOLÉRANCES GÉOMÉTRIQUES		
ISO 2768	.5 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	<3.2	⊥	⫽	∠
TOLERANCES mm[INCHES]	±0.1[.004]	±0.2[.008]	±0.3[.012]	±0.5[.020]	±0.8[.031]	±1.2[.047]	±2[.079]	125 RMS	0.4 [0.016]	0.6 [0.024]	0.2 [0.079]

DESCRIPTION

HPD LIQUID END NON LEAK DETECTION

106/166/266 9.52/15.9/25/40 CV MM BALL

MILTON ROY®

FORMAT TAILLE	FIRST ANGLE PROJECTION	SHEET - FEUILLE	DO NOT SCALE DRAWING	DRAWING NUMBER - PLAN N°	REV
A3		2 / 7	DESSIN SANS ECHELLE	777000003	00

WARNING: THE EXPORT OR REEXPORT OF THIS DRAWING OR A PRODUCT PRODUCED BY THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS

3050434053F-X0				
PrimeRoyal Liquid End 106 Diaphragm 9.52 CV Ball 316 SS				
Bubble #	Part #	Description	Drawing #	Qty
021	0210346016N	DIAPHRAGM HEAD 106/9.52 316L	02103460YY	1
098	0980131099N	DIAPHRAGM D106 (NITRILE)	0980131X99	1
434	4340009105N	SPRING LOCKWASHER D.14		12
435A	4350000093N	HEX NUT M14		8
435	4350036173N	HEX HD SCREW M14X80 THREAD 34		8
435B	4350036193N	HEX HD SCREW M14X90 THREAD 34		4

PROPRIETARY NOTICE

THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO., IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.

GENERAL TOLERANCES	LINEAR DIMENSIONS - DIMENSIONS LINÉAIRES mm[INCHES]							Ra FINISH	GEOMETRIC TOLERANCES TOLÉRANCES GÉOMÉTRIQUES		
ISO 2768	.5 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	<3.2	⊥	=	↗
TOLERANCES mm[INCHES]	±0.1[.004]	±0.2[.008]	±0.3[.012]	±0.5[.020]	±0.8[.031]	±1.2[.047]	±2[.079]	125 √RMS	0.4 [0.016]	0.6 [0.024]	0.2 [0.079]

DESCRIPTION

HPD LIQUID END NON LEAK DETECTION

106/166/266 9.52/15.9/25/40 CV MM BALL

MILTON ROY®

FORMAT TAILLE	FIRST ANGLE PROJECTION	SHEET - FEUILLE	DO NOT SCALE DRAWING	DRAWING NUMBER - PLAN N°	REV
A3		3 / 7	DESSIN SANS ECHELLE	777000003	00

WARNING: THE EXPORT OR REEXPORT OF THIS DRAWING OR A PRODUCT PRODUCED BY THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS

3050434153F-X0				
PrimeRoyal Liquid End 106 Diaphragm 15.9 CV Ball 316 SS				
Bubble #	Part #	Description	Drawing #	Qty
021	0210343016N	DIAPHRAGM HEAD 106/15.9 316L	02103430YY	1
098	0980131099N	DIAPHRAGM D106 (NITRILE)	0980131X99	1
434	4340009105N	SPRING LOCKWASHER D.14		12
435A	4350000093N	HEX NUT M14		8
435	4350036173N	HEX HD SCREW M14X80 THREAD 34		8
435B	4350036193N	HEX HD SCREW M14X90 THREAD 34		4

PROPRIETARY NOTICE

THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO., IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.

GENERAL TOLERANCES	LINEAR DIMENSIONS - DIMENSIONS LINÉAIRES mm[INCHES]							Ra FINISH	GEOMETRIC TOLERANCES TOLÉRANCES GÉOMÉTRIQUES		
ISO 2768	.5 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	<3.2	⊥	=	↗
TOLERANCES mm[INCHES]	±0.1[.004]	±0.2[.008]	±0.3[.012]	±0.5[.020]	±0.8[.031]	±1.2[.047]	±2[.079]	125 √RMS	0.4 [0.016]	0.6 [0.024]	0.2 [0.079]

DESCRIPTION

HPD LIQUID END NON LEAK DETECTION

106/166/266 9.52/15.9/25/40 CV MM BALL

MILTON ROY®

FORMAT TAILLE	FIRST ANGLE PROJECTION	SHEET - FEUILLE	DO NOT SCALE DRAWING	DRAWING NUMBER - PLAN N°	REV
A3		4 / 7	DESSIN SANS ECHELLE	777000003	00

WARNING: THE EXPORT OR REEXPORT OF THIS DRAWING OR A PRODUCT PRODUCED BY THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS

3050434212F-X0				
PrimeRoyal Liquid End 166 Diaphragm 15.9 CV Ball 316 SS				
Bubble #	Part #	Description	Drawing #	Qty
021	0210361016N	DIAPHRAGM HEAD 166/15.9	02103610YY	1
098	0980129099N	DIAPHRAGM D166 NITRILE DMR	0980129X99	1
434	4340009105N	SPRING LOCKWASHER D.14		12
435A	4350000090N	ECO HEX NUT M14		12
435	57100	ECOGUARD HCS M14X90 THREAD 34		8
435B	4350036236N	HEX HD SCREW M14X130 THREAD 40		4

PROPRIETARY NOTICE

THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO., IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.

GENERAL TOLERANCES	LINEAR DIMENSIONS - DIMENSIONS LINÉAIRES mm[INCHES]							Ra FINISH	GEOMETRIC TOLERANCES TOLÉRANCES GÉOMÉTRIQUES		
ISO 2768	.5 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	<3.2	⊥	⫽	∠
TOLERANCES mm[INCHES]	±0.1[.004]	±0.2[.008]	±0.3[.012]	±0.5[.020]	±0.8[.031]	±1.2[.047]	±2[.079]	125 √RMS	0.4 [0.016]	0.6 [0.024]	0.2 [0.079]

DESCRIPTION

HPD LIQUID END NON LEAK DETECTION

106/166/266 9.52/15.9/25/40 CV MM BALL

MILTON ROY®

FORMAT TAILLE	FIRST ANGLE PROJECTION	SHEET - FEUILLE	DO NOT SCALE DRAWING	DRAWING NUMBER - PLAN N°	REV
A3		5 / 7	DESSIN SANS ECHELLE	777000003	00

WARNING: THE EXPORT OR REEXPORT OF THIS DRAWING OR A PRODUCT PRODUCED BY THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS

3050434252F-X0				
PrimeRoyal Liquid End 166 Diaphragm 25 CV Ball 316 SS				
Bubble #	Part #	Description	Drawing #	Qty
021	0210360016N	LIQUID END BODY 166/25	02103600YY	1
098	0980129099N	DIAPHRAGM D166 NITRILE DMR	0980129X99	1
434	4340009105N	SPRING LOCKWASHER D.14		12
435A	4350000090N	ECO HEX NUT M14		12
435	57100	ECOGUARD HCS M14X90 THREAD 34		8
435B	4350036236N	HEX HD SCREW M14X130 THREAD 40		4

PROPRIETARY NOTICE

THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO., IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.

GENERAL TOLERANCES	LINEAR DIMENSIONS - DIMENSIONS LINÉAIRES mm[INCHES]							Ra FINISH	GEOMETRIC TOLERANCES TOLÉRANCES GÉOMÉTRIQUES		
ISO 2768	.5 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	<3.2	⊥	⫽	⌭
TOLERANCES mm[INCHES]	±0.1[.004]	±0.2[.008]	±0.3[.012]	±0.5[.020]	±0.8[.031]	±1.2[.047]	±2[.079]	125 √RMS	0.4 [0.016]	0.6 [0.024]	0.2 [0.079]

DESCRIPTION

HPD LIQUID END NON LEAK DETECTION

106/166/266 9.52/15.9/25/40 CV MM BALL

MILTON ROY®

FORMAT TAILLE	FIRST ANGLE PROJECTION	SHEET - FEUILLE	DO NOT SCALE DRAWING	DRAWING NUMBER - PLAN N°	REV
A3		6 / 7	DESSIN SANS ECHELLE	777000003	00

WARNING: THE EXPORT OR REEXPORT OF THIS DRAWING OR A PRODUCT PRODUCED BY THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS

3050434312F-X0				
PrimeRoyal Liquid End 266 Diaphragm 40 CV Ball 316 SS				
Bubble #	Part #	Description	Drawing #	Qty
021	0210352016N	DIAPHRAGM HEAD D.266/40	02103520YY	1
098	0980130099N	DIAPHRAGM 266 NITRILE PN	0980130X99	1
434	4340009115N	SPRING LOCKWASHER D.16		14
435A	4350000103N	HEX NUT M16		14
435	4350036414N	ECO HX HD SCRW M16X100 THRD 38		10
435B	4350036474N	ECO HX HD SCRW M16X160 THRD 44		4

PROPRIETARY NOTICE

THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO., IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.

GENERAL TOLERANCES	LINEAR DIMENSIONS - DIMENSIONS LINÉAIRES mm[INCHES]							Ra FINISH	GEOMETRIC TOLERANCES TOLÉRANCES GÉOMÉTRIQUES		
ISO 2768	.5 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	<3.2	⊥	⫽	∠
TOLERANCES mm[INCHES]	±0.1[.004]	±0.2[.008]	±0.3[.012]	±0.5[.020]	±0.8[.031]	±1.2[.047]	±2[.079]	125 √RMS	0.4 [0.016]	0.6 [0.024]	0.2 [0.079]

DESCRIPTION

HPD LIQUID END NON LEAK DETECTION

106/166/266 9.52/15.9/25/40 CV MM BALL

MILTON ROY®

FORMAT TAILLE	FIRST ANGLE PROJECTION	SHEET - FEUILLE	DO NOT SCALE DRAWING	DRAWING NUMBER - PLAN N°	REV
A3		7 / 7	DESSIN SANS ECHELLE	777000003	00

WARNING: THE EXPORT OR REEXPORT OF THIS DRAWING OR A PRODUCT PRODUCED BY THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS