

DATOS SOBRE VENTAS Y INGENIERÍA

PD15X-XXX-XXX Y PE15X-XXX-XXX Y PZ15X-XXX-XXX BOMBA DE DIAFRAGMA METÁLICA DE 1-1/2"

RELACIÓN SERIE:	1:1
RANGO DE PSIG DE FLUIDOS:	20 - 120
LIBERADO:	1-20-15
REVISADO:	5-20-22
(REV: C)	S-1584

SPECIFICATIONS

CONSTRUCCIÓN

Serie modelo.....	PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX
Tipo de bomba.....	Metálica, operada por aire, doble diafragma
Relación	1:1
Entrada/Salida del material (hembra)	
PX15X- <u>A</u> XX-XXX	1-1/2 - 11-1/2 NPTF - 1
PX15X- <u>B</u> XX-XXX	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X- <u>Y</u> XX-XXX.....	1-1/2" ANSI / DIN Brida
Entrada de aire (hembra).....	1/2 - 14 NPT
Escape de aire (hembra).....	3/4 - 14 NPT
Peso	
PX15R- <u>X</u> AX-XXX.....	37,65 lbs (17,08 kgs)
PX15R- <u>X</u> CX-XXX.....	73,2 lbs (33,2 kgs)
PX15R- <u>X</u> HX-XXX.....	86,9 lbs (39,4 kgs)
PX15R- <u>X</u> SX-XXX.....	61,2 lbs (27,8 kgs)
Añadir 2,14 libras (0,97 kg) para la sección del motor de aire de aluminio	
Añadir 18,14 kg (lbs 8,23) para la sección del motor de aire de acero inoxidable	
Kit de servicio de la sección de aire.....	637389
Ensamble de la válvula de aire de mayor ...	637390-X
Kit de servicio de la sección de fluidos ...	637375-XX

RENDIMIENTO

Rango de presión de la entrada de aire	20 - 120 psig (1.4 - 8.3 bar)
Presión máxima de entrada del material. 10 psig (0.69 bar)	
Gama de presión de fluido	20 - 120 psig (1.4 - 8.3 bar)
Caudal máximo (entrada inundada)	123 gpm (465.6 lpm)
Desplazamiento/Ciclo a 100 psig ...	0.617 gal. (2.34 lit.)
Tamaño máximo de partículas.....	1/4" de diámetro (6.4 mm)
Límites de temperatura máxima (material del diafragma/bola/ asiento)	
E.P.R./EPDM	60° a 280° F (-51° a 138° C)
Hytrel®	-20° a 180° F (-29° a 82° C)
Nitrilo.....	10° a 180° F (-12° a 82° C)
Polipropileno.....	32° a 175° F (0° a 79° C)
Santoprene®	-40° a 225° F (-40° a 107° C)
PTFE	40° a 225° F (4° a 107° C)
Viton®.....	-40° a 350° F (-40° a 177° C)
Nivel de ruido a @ 70 psig - 60 cpm....	82.8 dB(A) ^①

① El nivel de presión del sonido de la bomba se ha actualizado a un nivel de sonido continuo equivalente (LA_{eq}) para cumplir con el objetivo de ANSI S1. 13-1971, CAGI-PNEUROP S5.1 utiliza cuatro ubicaciones de micrófonos.

NOTA: Rendimiento probado con la válvula de retención de diafragma 95845.

PX15X-XXX-XXX

637375 -XX

Material del diafragma
Material de bola

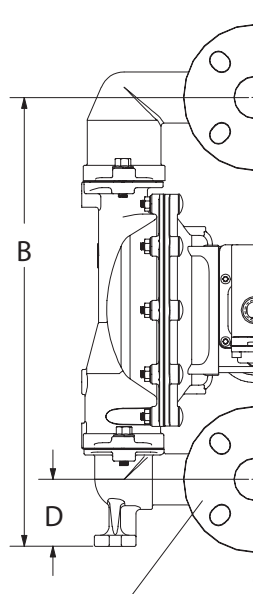
EJEMPLO: Modelo #PD15S-ASS-SAA

El kit de servicio de la sección de fluido es 637375-AA

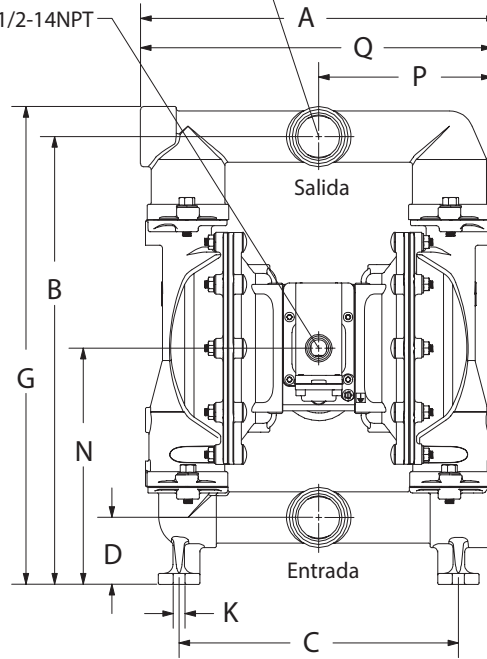
DATOS DIMENSIONALES

1-1/2 - 11-1/2 NPTF - 1 (PX15X-**A**XX-XXX)
Rp 1-1/2 (1-1/2 - 11 BSP) (PX15X-**B**XX-XXX)

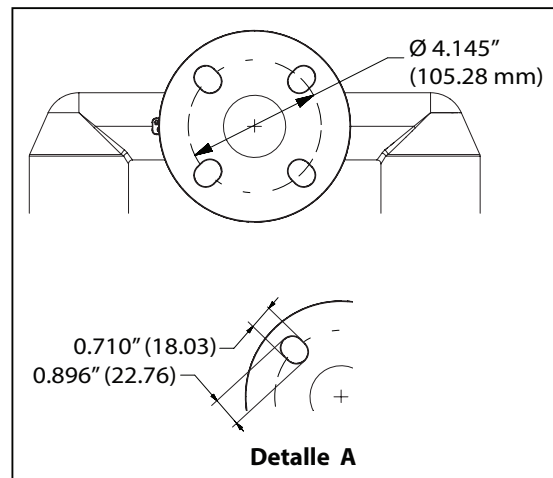
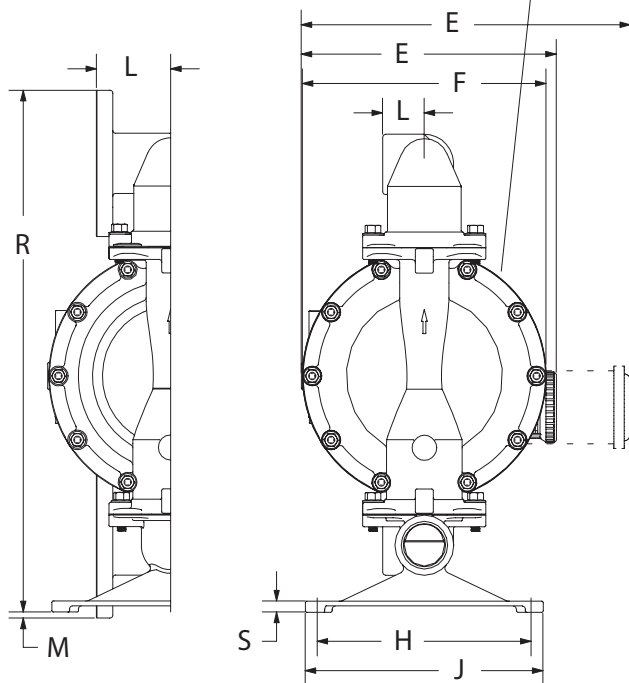
Entrada de aire 1/2-14NPT



1-1/2" ANSI/DIN Brida
(PX15X-**Y**XX-XXX)
Ver detalle A



Escape Puerto 3/4-14NPT



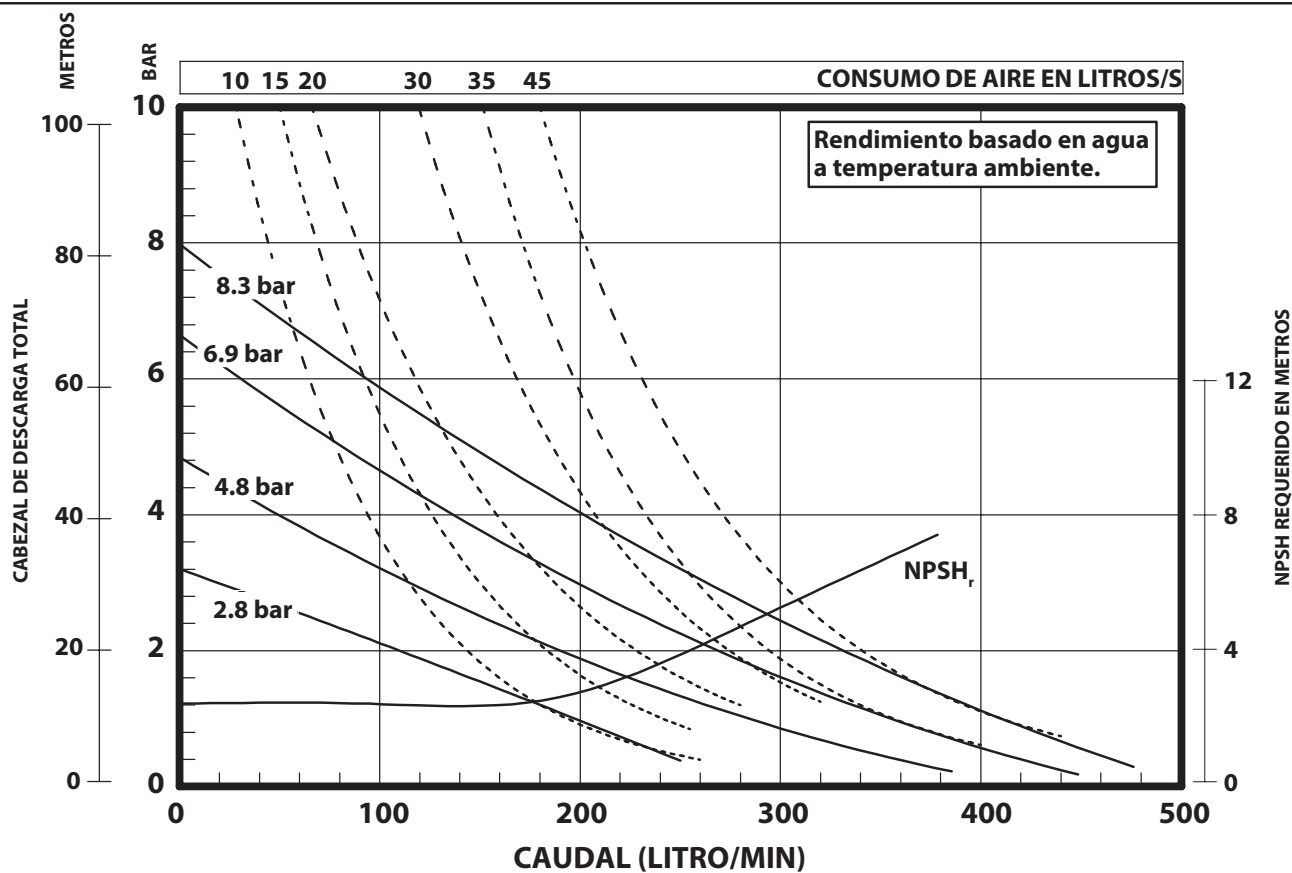
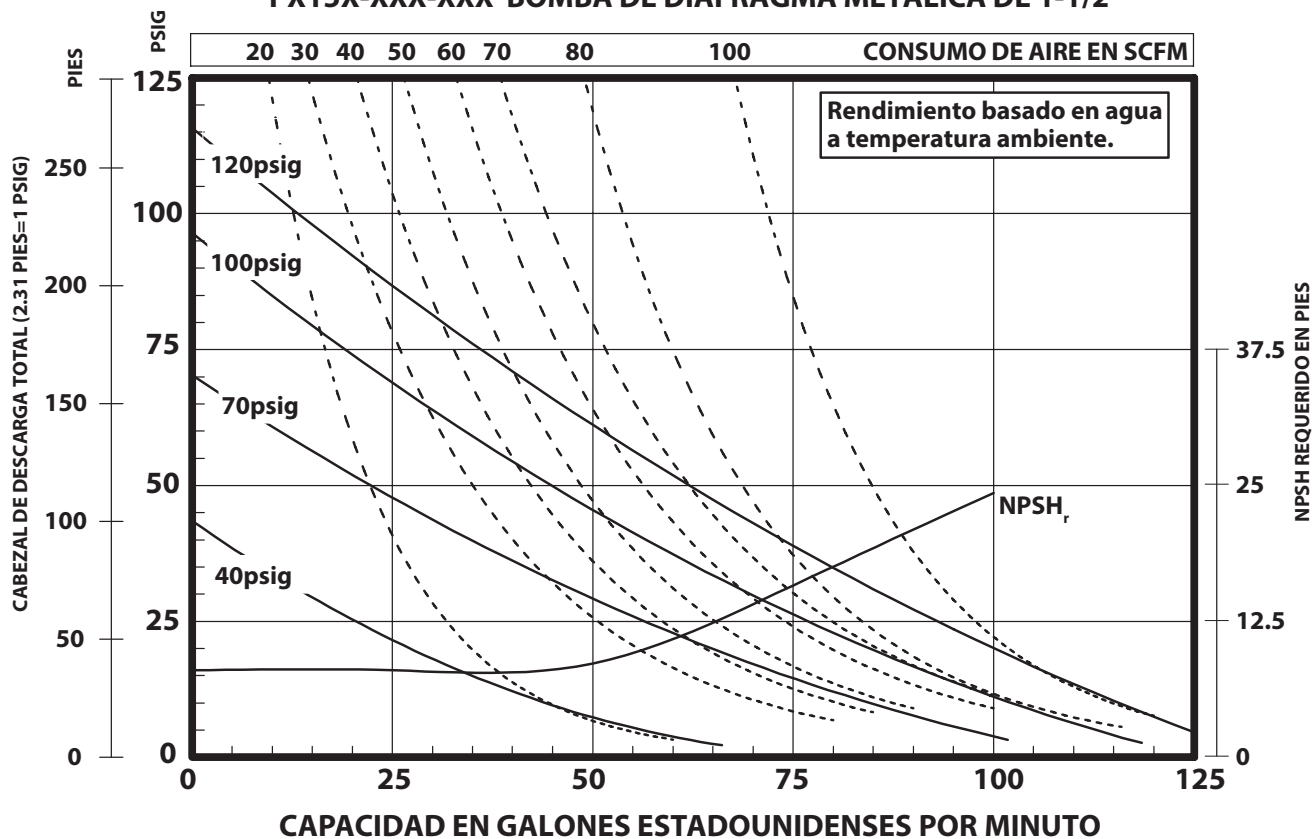
DIMENSIONES

A - ver abajo	E - ver abajo	J - 10" (254.0mm)	N - 9-11/16" (246.0mm)
B - 18-3/8" (466.7mm)	F - 10-1/4" (260.4mm)	K - 1/2" (12.7mm)	P - ver abajo
C - 11-3/4" (298.5mm)	G - 19-5/8" (498.1mm)	L - ver abajo	Q - ver abajo
D - 2-3/4" (69.9mm)	H - 9" (228.6mm)	M - 1/4" (6.4mm)	R - 21-7/16" (543.9mm)
			S - ver abajo

	"A"	"L"	"P"	"Q"	"S"	"E"
PX15X- X AX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15 A -XXX-XXX 14-1/32" (356.2 mm)
PX15X- X CX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 B -XXX-XXX 11-3/32" (281.3 mm)
PX15X- X HX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 S -XXX-XXX 13-7/8" (352.4 mm)
PX15X- A SX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X- B SX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X- Y SX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

CURVAS DE RENDIMIENTO

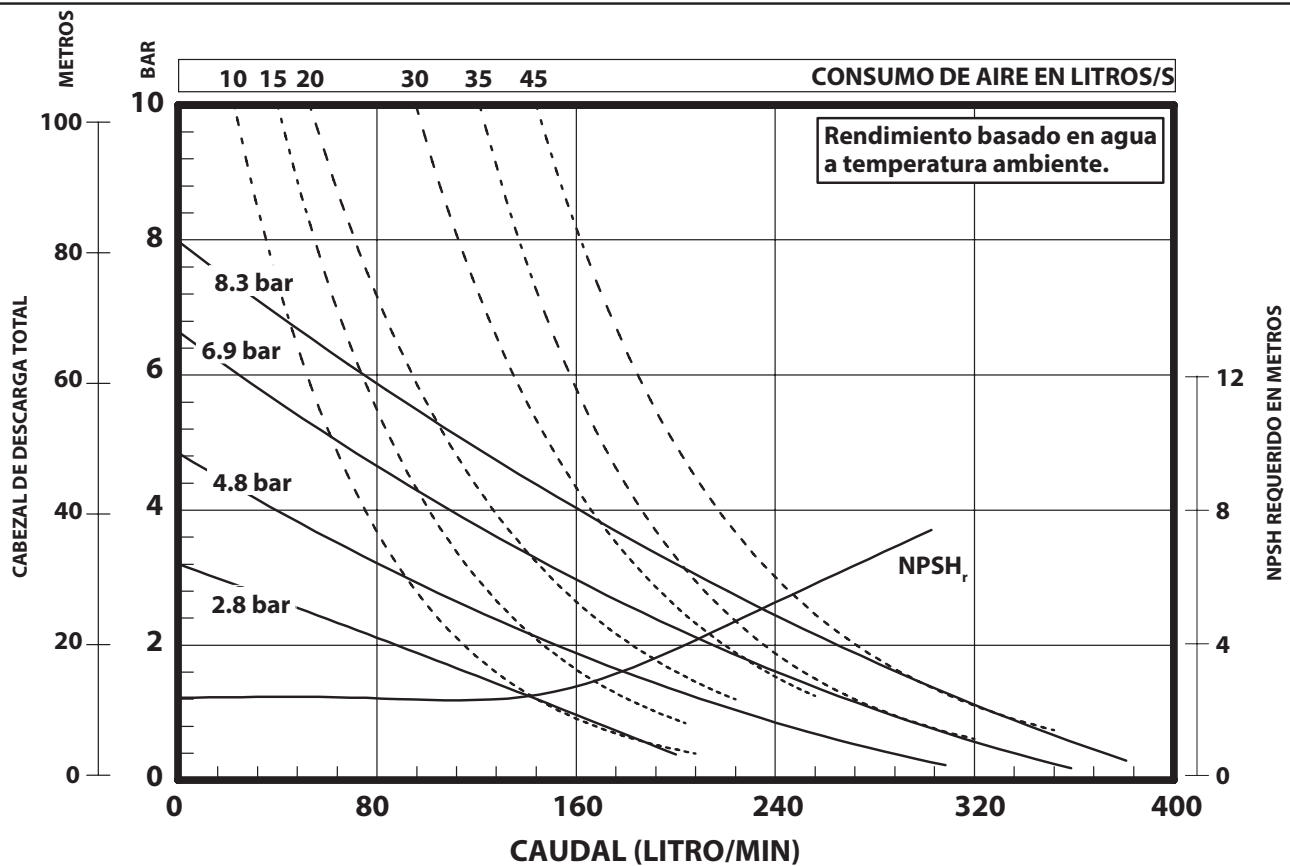
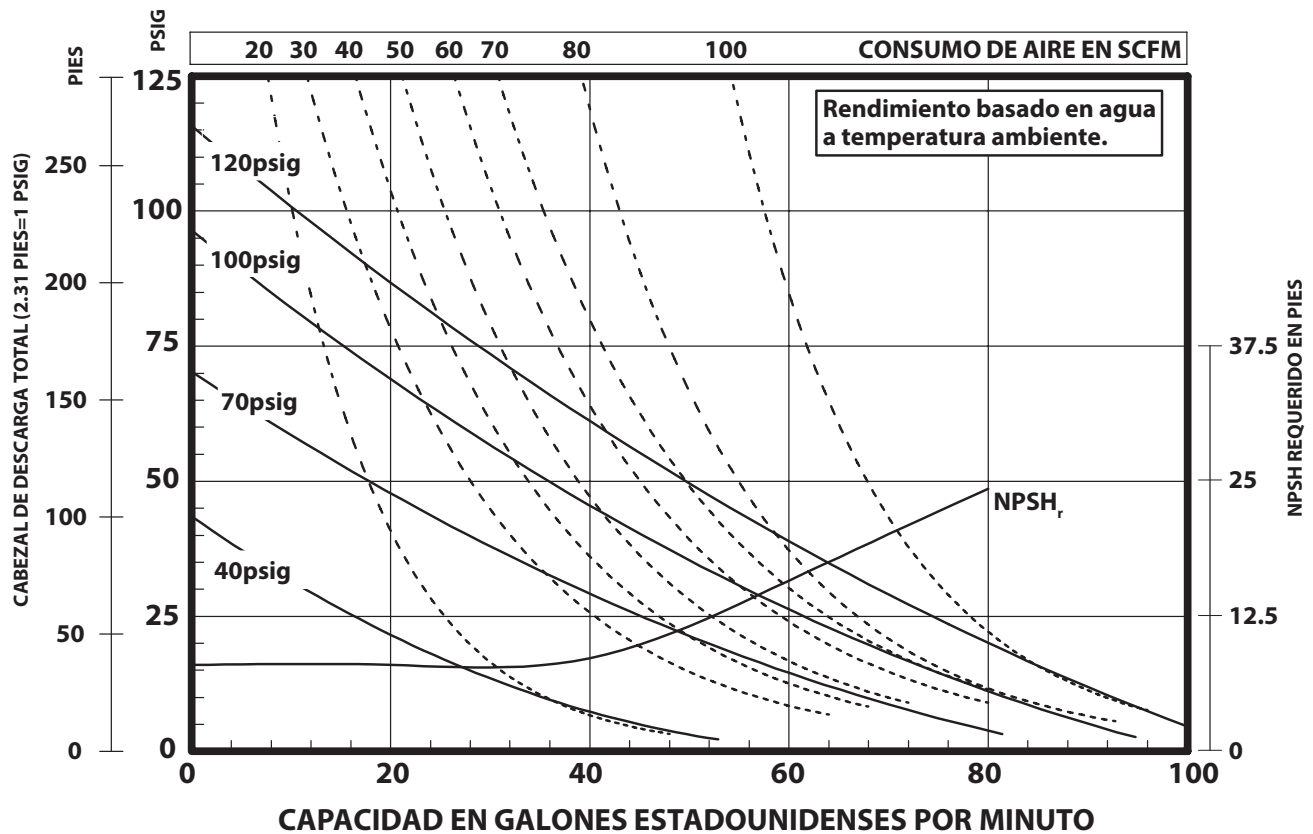
PX15X-XXX-XXX BOMBA DE DIAFRAGMA METÁLICA DE 1-1/2"



NOTA: Rendimiento probado con la válvula de retención de diafragma 95845.

CURVAS DE RENDIMIENTO

PE15X-XXX-XXX-XXEX Y PE15X-XXX-XXX-XXFX BOMBA DE DIAFRAGMA METÁLICA DE 1-1/2"



NOTA: Rendimiento probado con la válvula de retención de diafragma 95845.

DONNÉES TECHNIQUES ET DE VENTE

PD15X-XXX-XXX, PE15X-XXX-XXX ET PZ15X-XXX-XXX POMPE À MEMBRANE MÉTALLIQUE DE 1-1/2 PO

SÉRIE DE RATIO :	1:1
PLAGE DE PRESSION DU FLUIDE EN PSIG:	20 - 120
LIBÉRÉ:	1-20-15
RÉVISÉ:	5-20-22
(REV: C)	S-1584

CARACTÉRISTIQUES TECHNIQUES

CONSTRUCTION

Gamme de modèles	PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX
Type de pompe	Double membrane pneumatique métallique
Ratio	1:1
Entrée / sortie produit (femelle)	
PX15X-AXX-XXX	1-1/2 - 11-1/2 NPTF - 1
PX15X-BXX-XXX	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X-YXX-XXX	1-1/2" ANSI / DIN Bride
Entrée d'air (femelle)	1/2 - 14 NPT
Échappement d'air (femelle)	3/4 - 14 NPT
Poids	
PX15R-XAX-XXX	37,65 lbs (17,08 kgs)
PX15R-XCX-XXX	73,2 lbs (33,2 kgss)
PX15R-XHX-XXX	86,9 lbs (39,4 kgs)
PX15R-XSX-XXX	61,2 lbs (27,8 kgs)
	Ajouter 2,14 lb (0,97 kg) pour la section moteur d'air en aluminium
	Ajouter 18,14 lbs (8,23 kg) pour la section moteur d'air en acier inoxydable
Kit de servicio de la sección de aire	637389
Clapet d'Air major	637390-X
Kit de servicio de la sección de fluidos ...	637375-XX

PERFORMANCE

Plage de pressions de l'admission d'air	20 - 120 psig (1.4 - 8.3 bar)
Pression maximale d'entrée de produit.	10 psig (0.69 bar)
Plage de pression de fluide	20 - 120 psig (1.4 - 8.3 bar)
Débit maximal (orifice d'admission noyé)	123 gpm (465.6 lpm)
Déplacement / cycle à 6,9 bar (100 psig)	0.617 gal. (2.34 lit.)
Diamètre maximal des particules...	1/4" de diamètre (6.4 mm)
Températures maximales (membrane / bille / siège)	
E.P.R./EPDM	60° à 280° F (-51° à 138° C)
Hytrel®	-20° à 180° F (-29° à 82° C)
Nitrilo	10° à 180° F (-12° à 82° C)
Polipropileno	32° à 175° F (0° à 79° C)
Santoprene®	-40° à 225° F (-40° à 107° C)
PTFE	40° à 225° F (4° à 107° C)
Viton®	-40° à 350° F (-40° à 177° C)
Niveau sonore à @ 70 psig - 60 cpm. ...	82.8 dB(A) ^①

Remarques :

① Le niveau de pression acoustique de la pompe a été mis à jour pour refléter le niveau énergétique équivalent (LA_{eq}) afin de satisfaire aux normes ANSI S1. 13-1971, CAGI-PNEUROP S5.1, en utilisant quatre microphones.

REMARQUE: Performance testée avec le clapet anti-retour à membrane réf. 95845.

PX15X-XXX-XXX

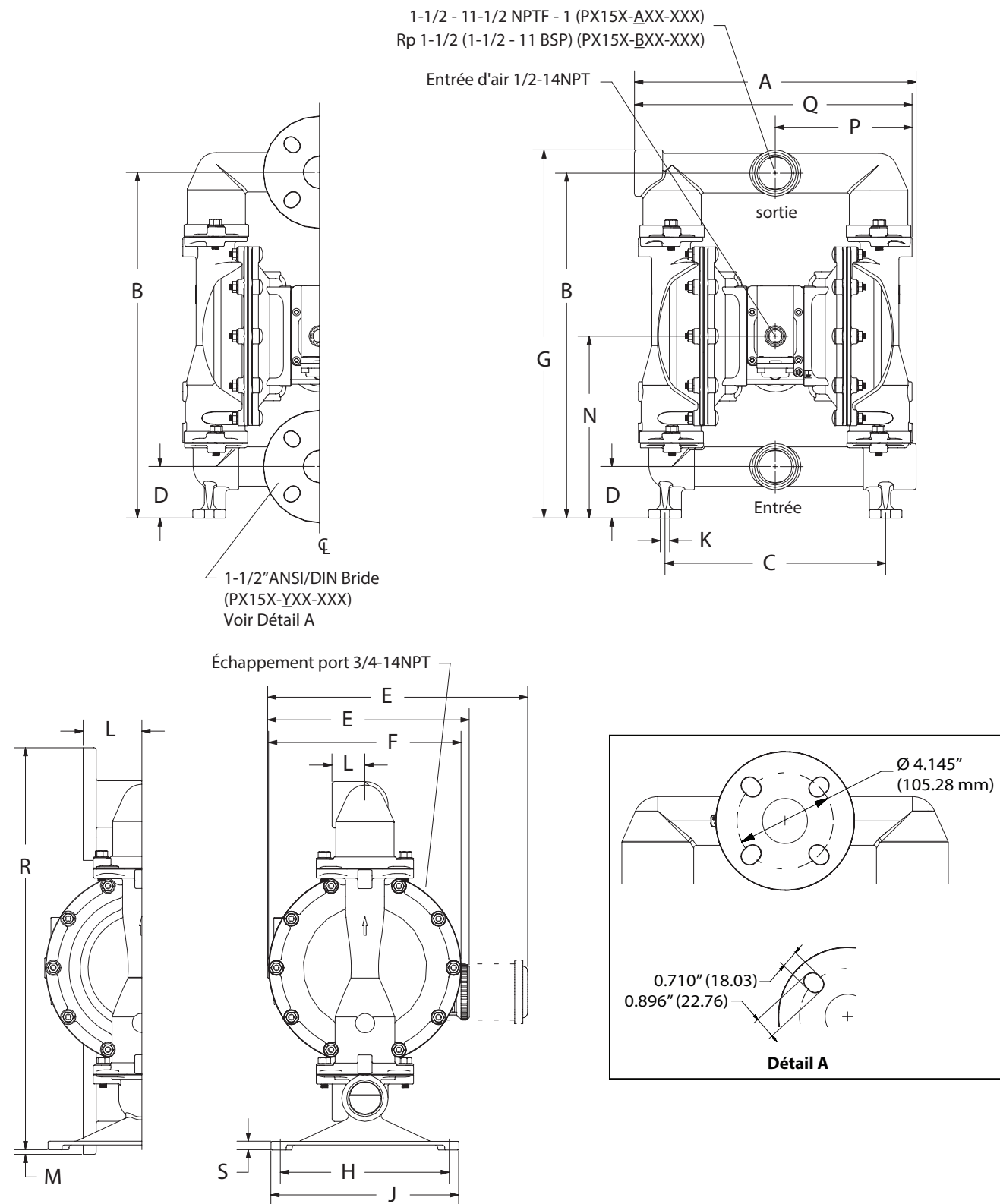
637375-XX

Matériau de la membrane
Matériau des billes

EXEMPLE : modèle #PD15S-ASS-SAA

Le kit d'entretien de la partie produit est 637375-AA

DIMENSIONS



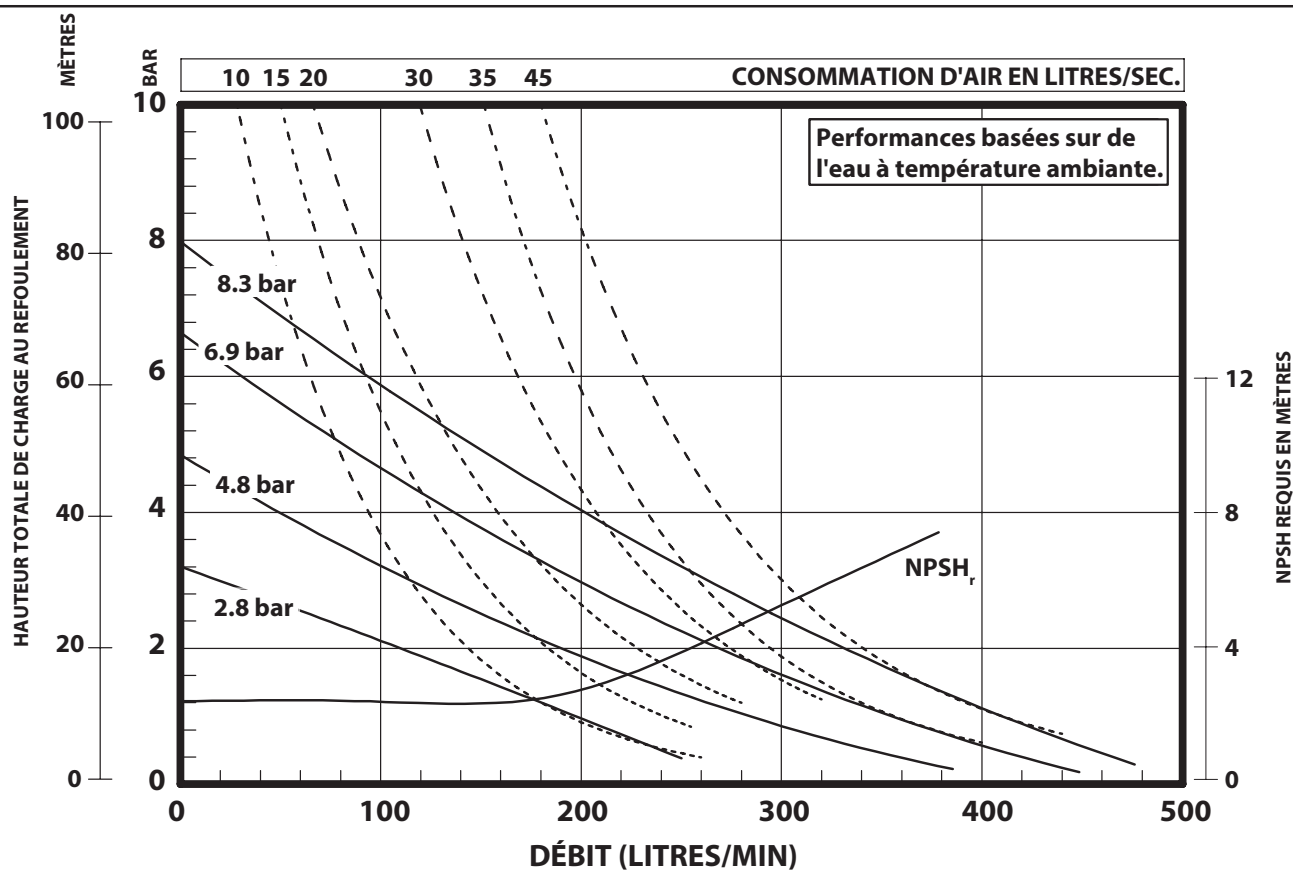
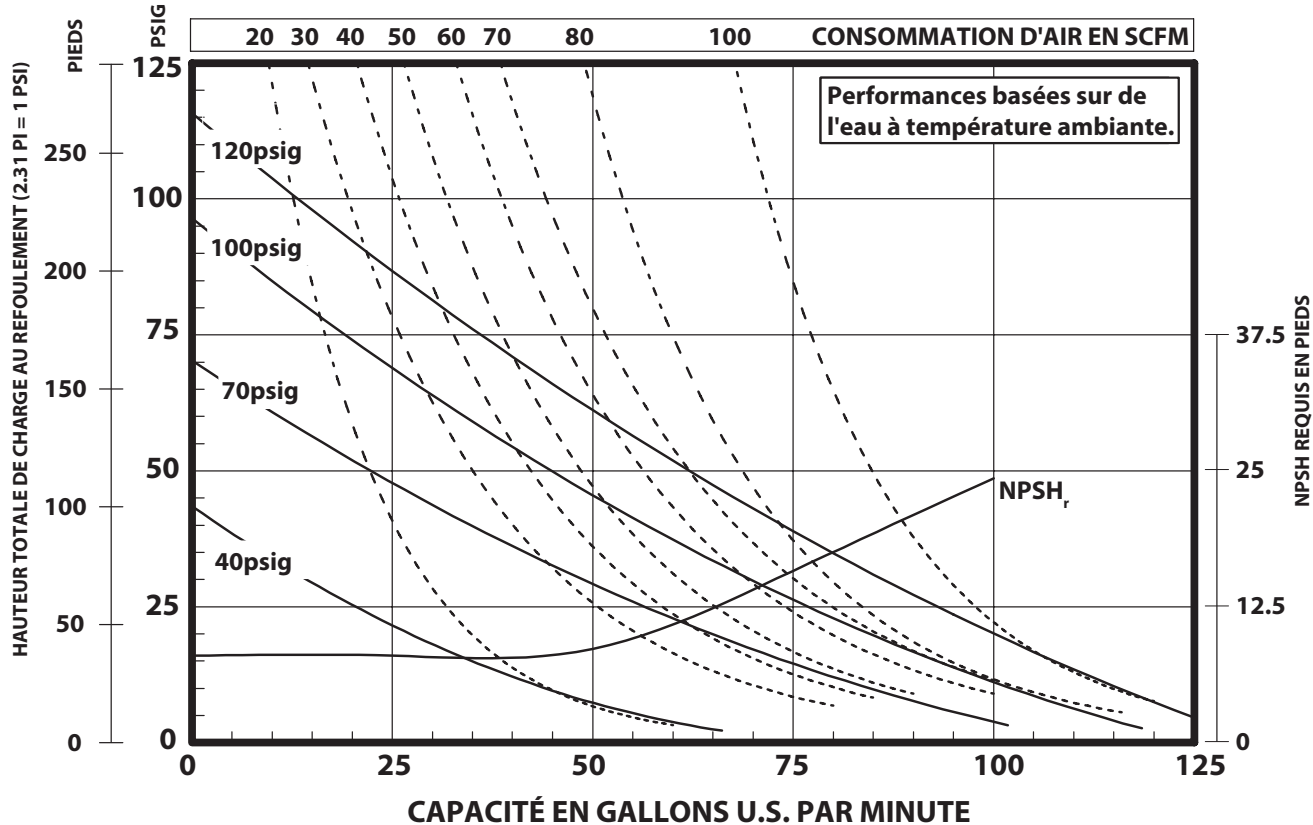
DIMENSIONS

A - voir ci-dessous	E - voir ci-dessous	J - 10" (254.0 mm)	N - 9-11/16" (246.0 mm)
B - 18-3/8" (466.7 mm)	F - 10-1/4" (260.4 mm)	K - 1/2" (12.7 mm)	P - voir ci-dessous
C - 11-3/4" (298.5 mm)	G - 19-5/8" (498.1 mm)	L - voir ci-dessous	Q - voir ci-dessous
D - 2-3/4" (69.9 mm)	H - 9" (228.6 mm)	M - 1/4" (6.4 mm)	R - 21-7/16" (543.9 mm)
			S - voir ci-dessous

	"A"	"L"	"P"	"Q"	"S"	"E"
PX15X-XAX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15A-XXX-XXX 14-1/32" (356.2 mm)
PX15X-XCX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15R-XXX-XXX 11-3/32" (281.3 mm)
PX15X-XHX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15S-XXX-XXX 13-7/8" (352.4 mm)
PX15X-ASX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-BSX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-YSX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

COURBES DE PERFORMANCES

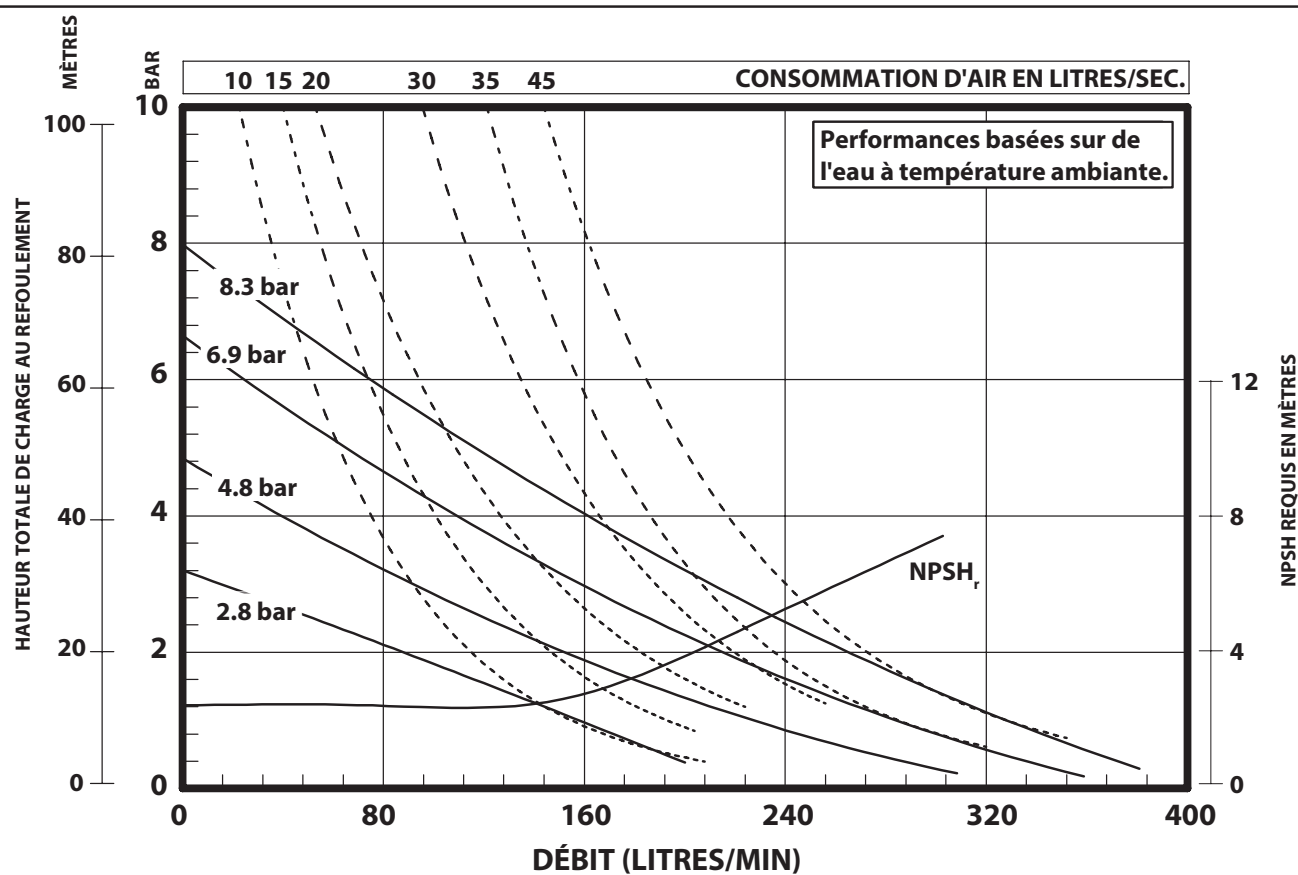
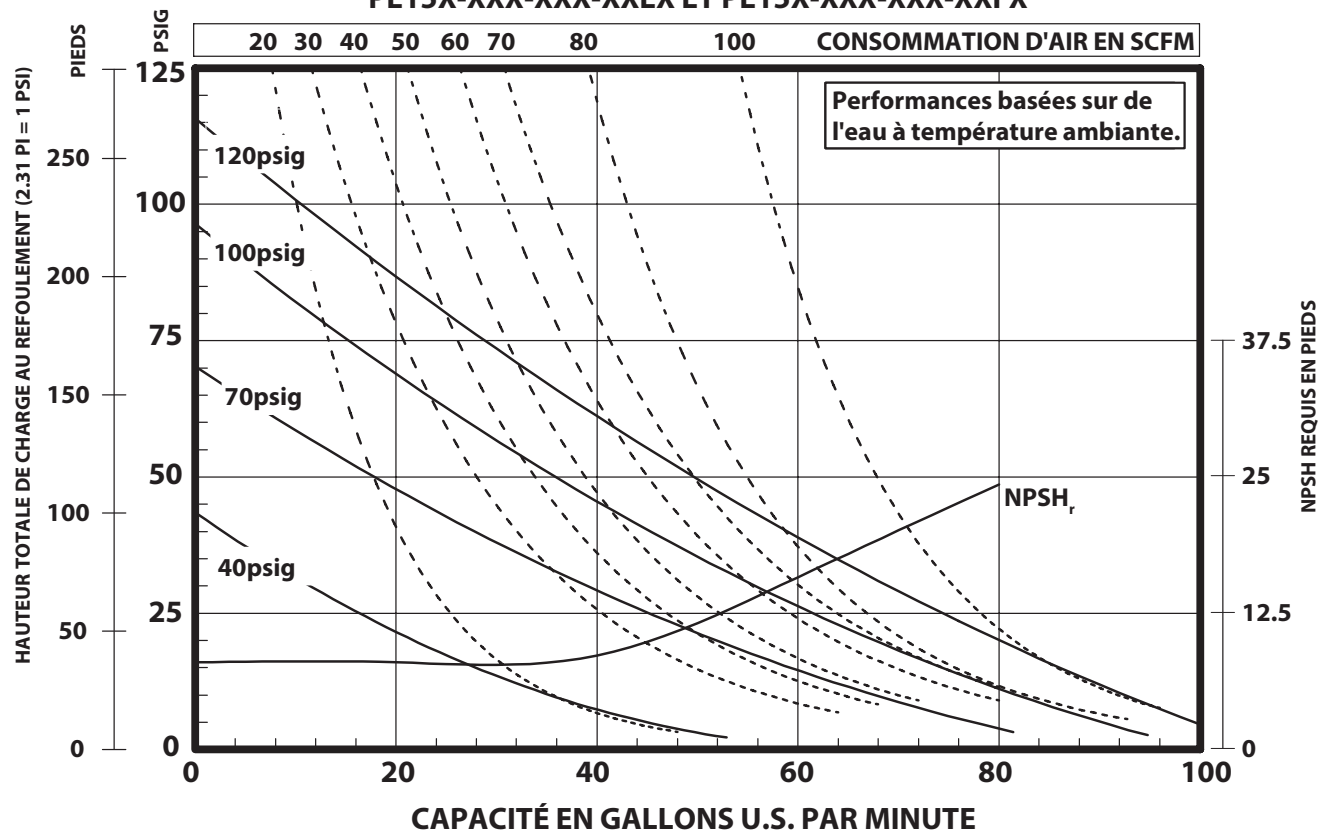
POMPE À MEMBRANE MÉTALLIQUE DE 38.1 MM (1-1/2 PO) PX15X-XXX-XXX



REMARQUE: Performance testée avec le clapet anti-retour à membrane réf. 95845.

COURBES DE PERFORMANCES

POMPE À MEMBRANE MÉTALLIQUE DE 38.1 MM (1-1/2 PO)
PE15X-XXX-XXX-XXEX ET PE15X-XXX-XXX-XXFX



REMARQUE: Performance testée avec le clapet anti-retour à membrane réf. 95845.

DATI DI VENDITA E PROGETTAZIONE

PD15X-XXX-XXX, PE15X-XXX-XXX E PZ15X-XXX-XXX POMPA METALLICA A DIAFRAMMA DA 1-1/2"

SERIE RAPPORTO:	1:1
GAMMA PSIG FLUIDO:	20 - 120
RILASCIATO:	1-20-15
RIVISTO:	5-20-22
(REV: C)	S-1584

SPECIFICHE

STRUTTURA

Serie modello	PD15X-XXX-XXX
	PE15X-XXX-XXX
	PZ15X-XXX-XXX
Tipo di pompa	Metallica, pneumatica, a doppio diaframma
Rapporto	1:1
Ingresso/Uscita materiale (femmina)	
PX15X-AXX-XXX	1-1/2 - 11-1/2 NPTF - 1
PX15X-BXX-XXX	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X-YXX-XXX	1-1/2" ANSI / DIN Flangia
Ingresso aria (femmina)	1/2 - 14 NPT
Scarico dell'aria (femmina)	3/4 - 14 NPT
Peso	
PX15R-XAX-XXX	37,65 lbs (17,08 kg)
PX15R-XCX-XXX	73,2 lbs (33,2 kg)
PX15R-XHX-XXX	86,9 lbs (39,4 kg)
PX15R-XSX-XXX	61,2 lbs (27,8 kg)
Aggiungi 2,14 lbs (0,97 kg) per la sezione motore alluminio aria	
Aggiungi 18,14 lbs (8,23 kg) per la sezione motore di aria in acciaio inox	
Kit di manutenzione sezione pneumatica ...	637389
Gruppo valvola aria maggiore	637390-X
Kit di manutenzione sezione fluido	637375-XX

PRESTAZIONI

Gamma della pressione dell'ingresso aria	20 - 120 psig (1.4 - 8.3 bar)
Pressione massima dell'ingresso del materiale.	10 psig (0.69 bar)
Gamma di pressione del fluido	20 - 120 psig (1.4 - 8.3 bar)
Portata massima (ingresso a iniezione) .	123 gpm (465.6 lpm)
Capacità/ciclo a(100 psig)	0.617 gal. (2.34 lit.)
Dimensione massima particelle	Diam. 1/4" (6.4 mm)
Limiti di temperatura massimi (materiale diaframma/sfera/sede)	
E.P.R./EPDM	da -60° a 280° F (da -51° a 138°C)
Hytrel®	da -20° a 180° F (da -29° a 82°C)
Nitrilo	da 10° a 180° F (da -12° a 82°C)
Polipropileno	da 32° a 175° F (da 0° a 79°C)
Santoprene®	da -40° a 225° F (da -40° a 107°C)
PTFE	da 40° a 225° F (da 4° a 107°C)
Viton®	da -40° a 350° F (da -40° a 177°C)
Livello di rumorosità a @ 70 psig - 60 cpm.	82.8 dB(A) ^①

① LII livello di pressione sonora della pompa è stato aggiornato a un livello sonoro continuo equivalente (LA_{eq}) per soddisfare i requisiti della norma ANSI S1. 13-1971, CAGI-PNEUROP S5.1 collocando i microfoni in quattro posizioni differenti.

NOTA: Prestazioni testate con valvola di ritegno a diaframma 95845.

PX15X-XXX-X

637375 -

Materiali del diaframma
Materiali della sfera

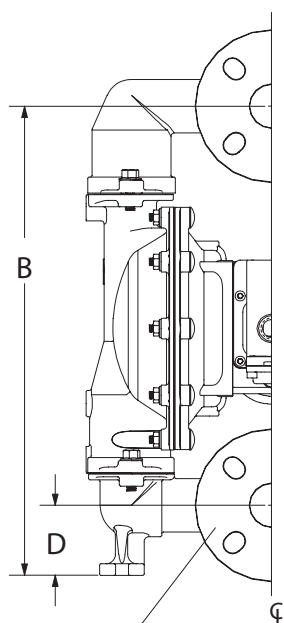
ESEMPIO: modello #PD15S-ASS-SAA

Kit di manutenzione della sezione fluido 637375-AA

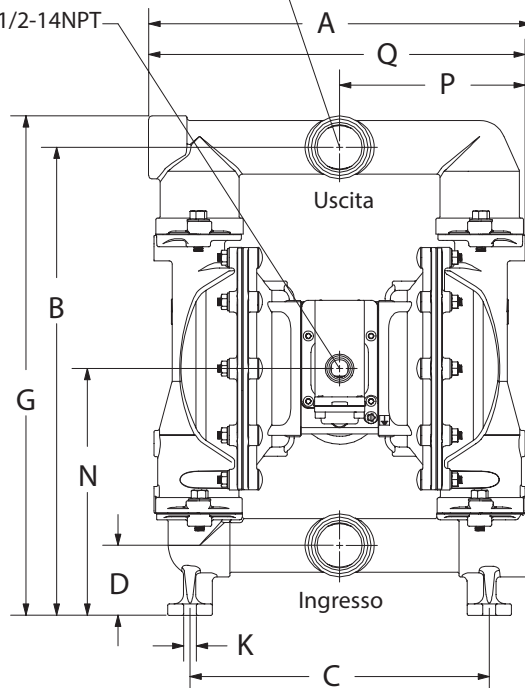
DATI DIMENSIONALI

1-1/2 - 11-1/2 NPTF - 1 (PX15X-AXX-XXX)
Rp 1-1/2 (1-1/2 - 11 BSP) (PX15X-BXX-XXX)

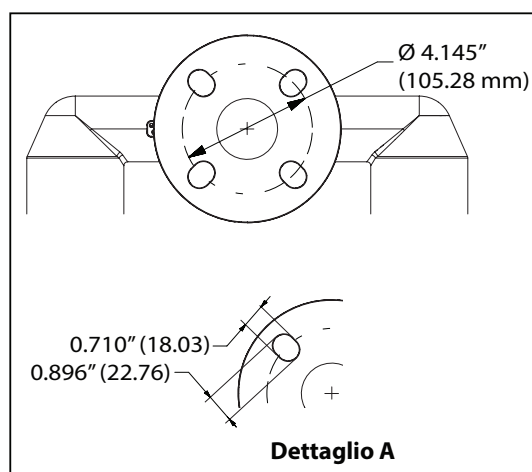
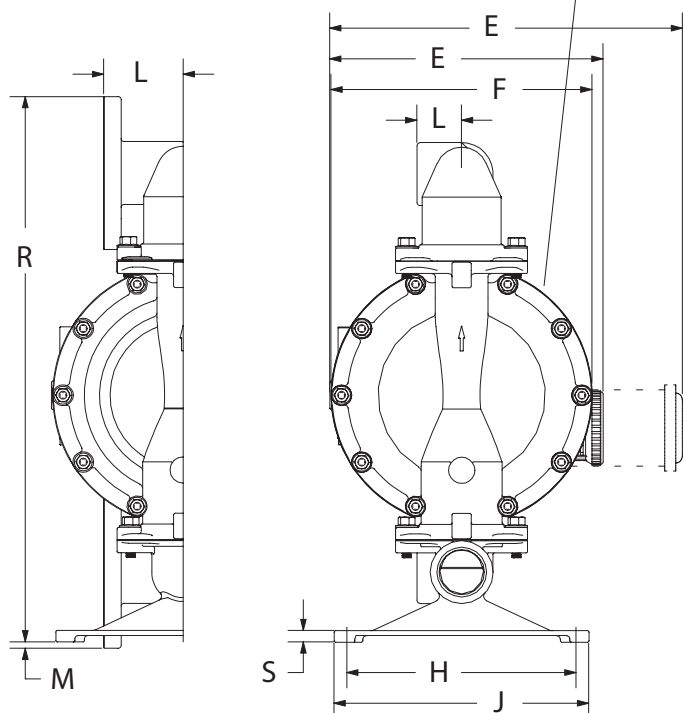
Ingresso aria 1/2-14NPT



1-1/2" ANSI/Flangia DIN
(PX15X-YXX-XXX)
Vedi Dettaglio A



Scarico de porta 3/4-14NPT



Dettaglio A

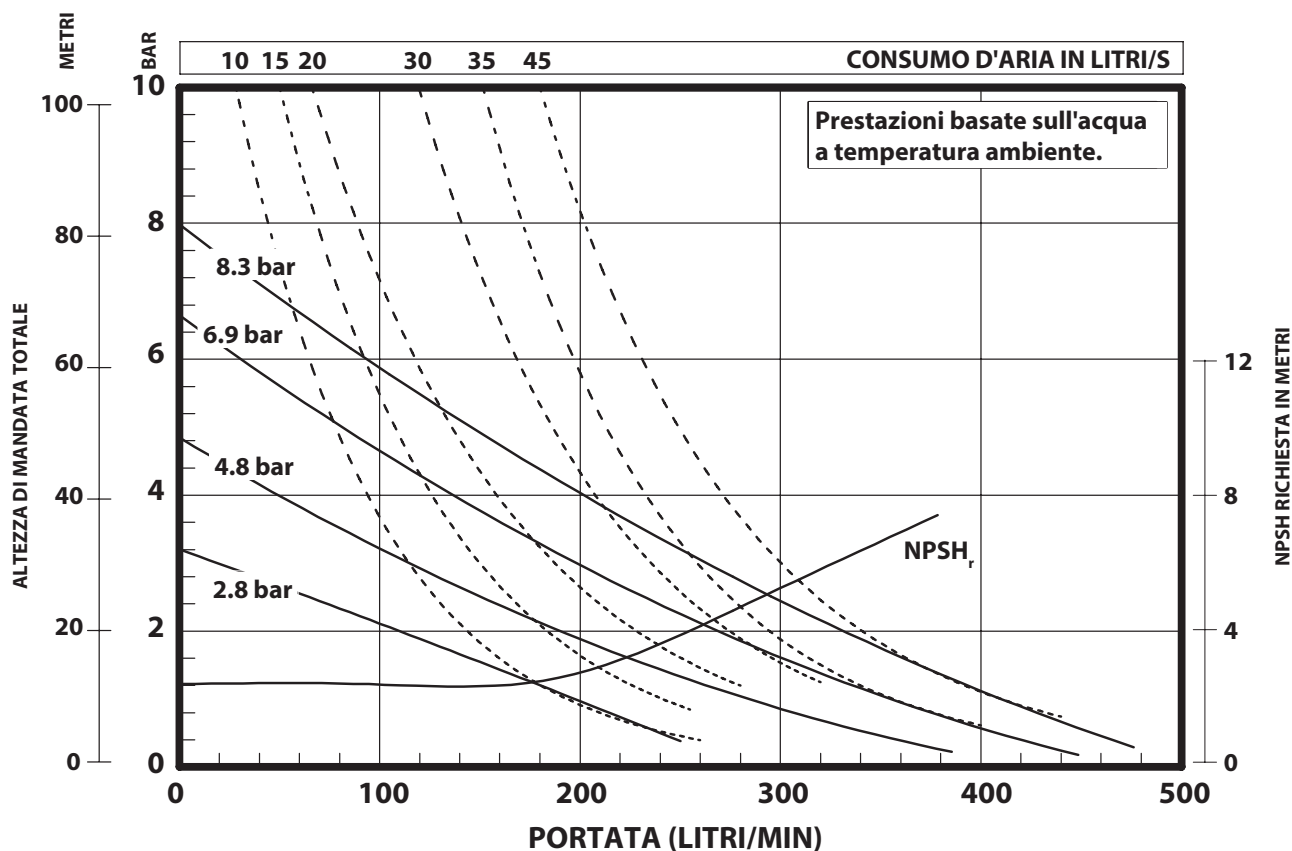
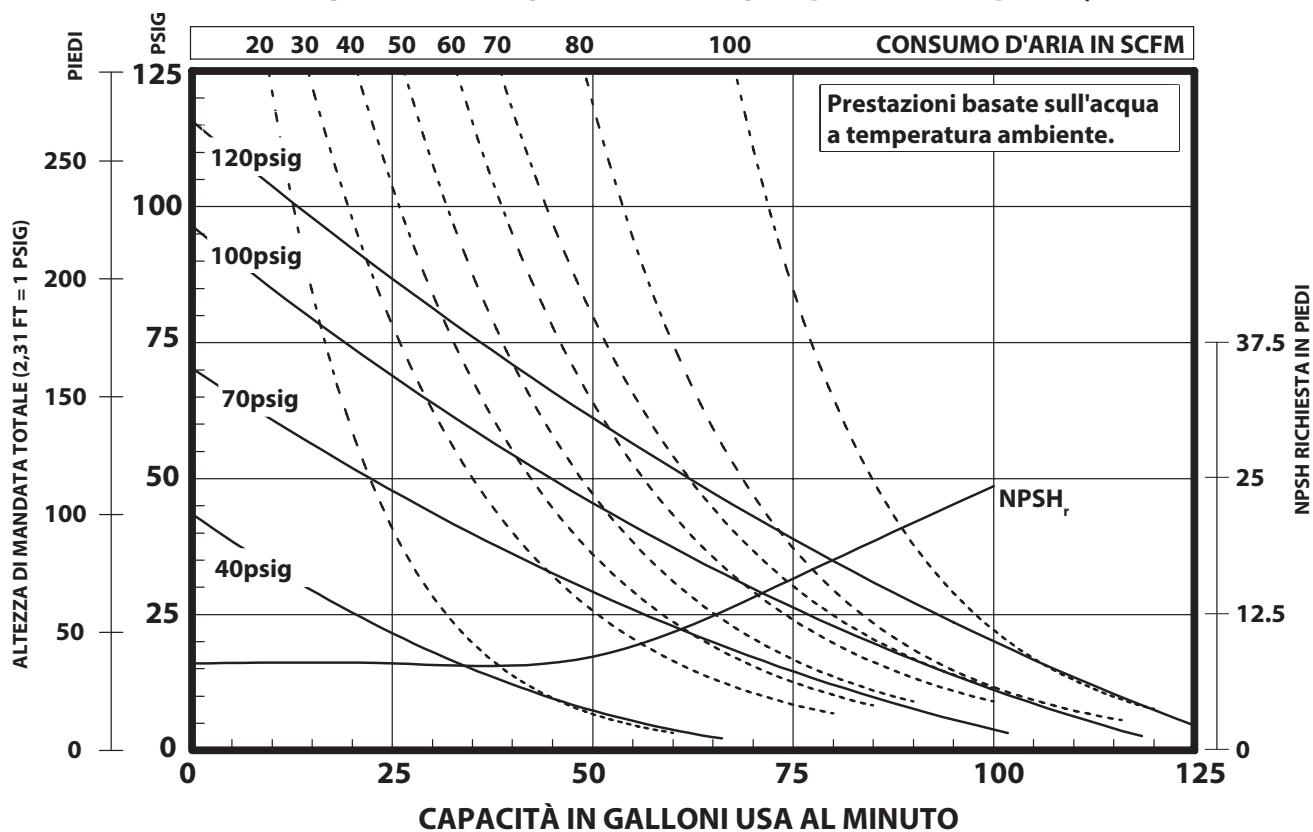
DIMENSIONI

A - vedere di seguito	E - vedere di seguito	J - 10" (254.0 mm)	N - 9-11/16" (246.0 mm)
B - 18-3/8" (466.7 mm)	F - 10-1/4" (260.4 mm)	K - 1/2" (12.7 mm)	P - vedere di seguito
C - 11-3/4" (298.5 mm)	G - 19-5/8" (498.1 mm)	L - vedere di seguito	Q - vedere di seguito
D - 2-3/4" (69.9 mm)	H - 9" (228.6 mm)	M - 1/4" (6.4 mm)	R - 21-7/16" (543.9 mm)
			S - vedere di seguito

	"A"	"L"	"P"	"Q"	"S"		"E"
PX15X- <u>A</u> XX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15 <u>A</u> -XXX-XXX	14-1/32" (356.2 mm)
PX15X- <u>C</u> XX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 <u>B</u> -XXX-XXX	11-3/32" (281.3 mm)
PX15X- <u>H</u> XX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 <u>S</u> -XXX-XXX	13-7/8" (352.4 mm)
PX15X- <u>A</u> SX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)		
PX15X- <u>B</u> SX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)		
PX15X- <u>Y</u> SX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)		

CURVE DELLE PRESTAZIONI

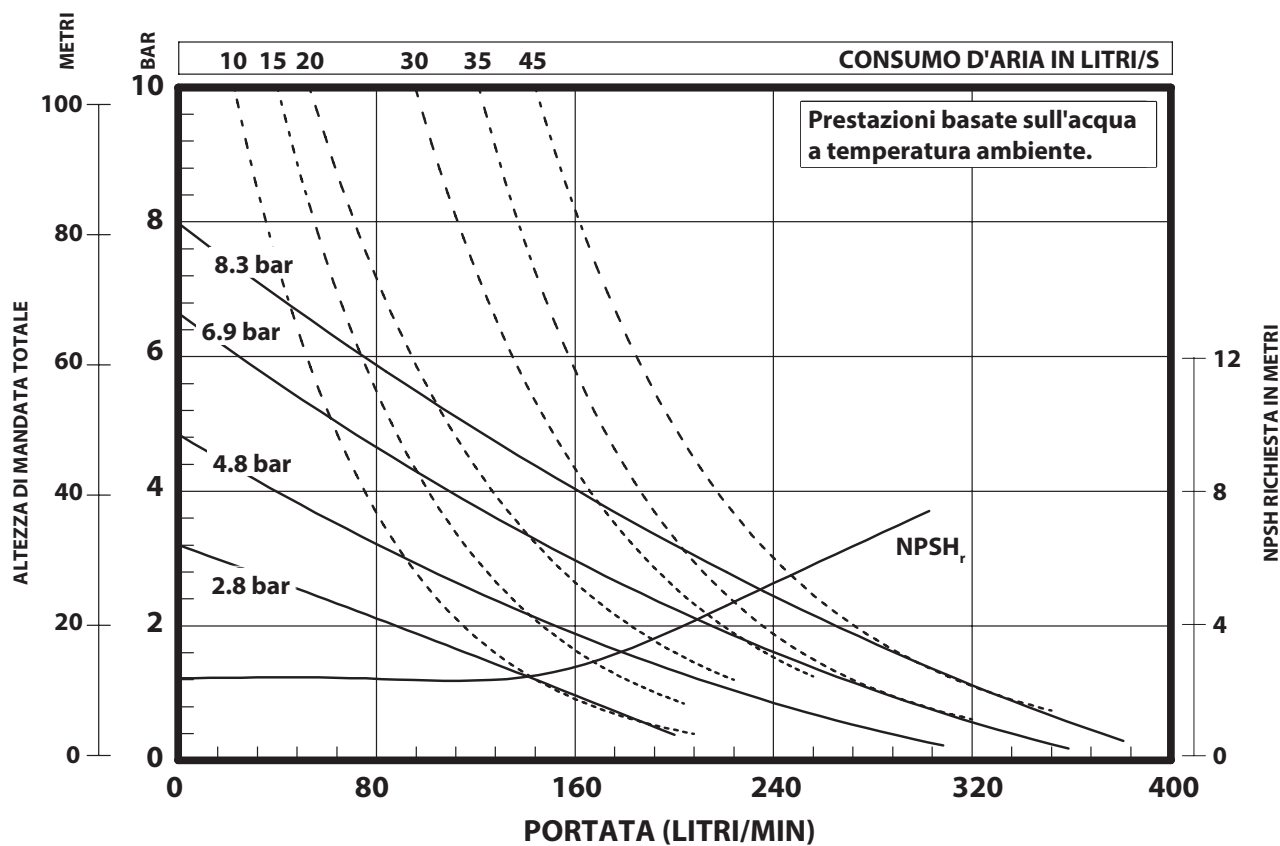
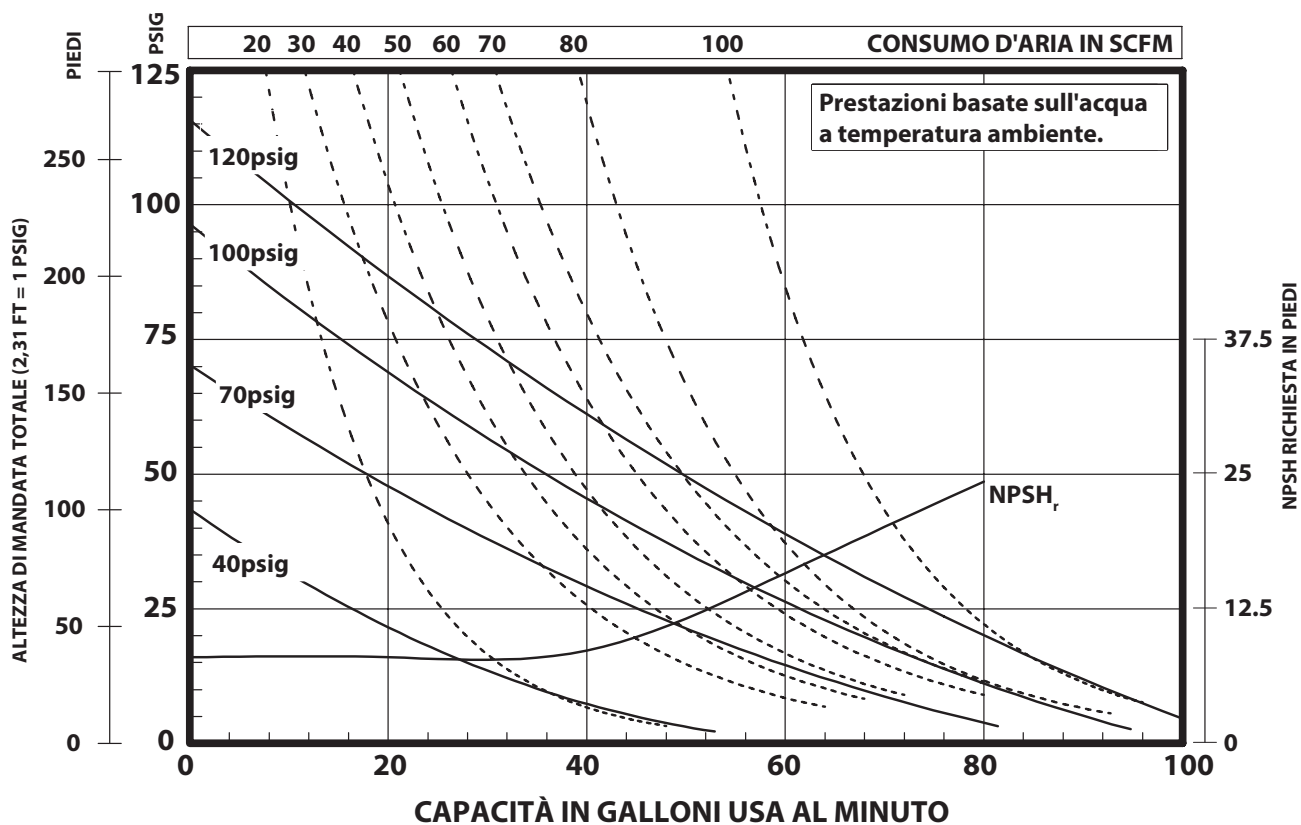
PX15X-XXX-XXX POMPA METALLICA A DIAFRAMMA DA 1-1/2"



NOTA: Prestazioni testate con valvola di ritegno a diaframma 95845.

CURVE DELLE PRESTAZIONI

PE15X-XXX-XXX-XXEX E PE15X-XXX-XXX-XXFX POMPA METALLICA A DIAFRAMMA DA 1-1/2"



NOTA: Prestazioni testate con valvola di ritegno a diaframma 95845.

VERTRIEBS- UND ENGINEERING-DATEN

PD15X-XXX-XXX, PE15X-XXX-XXX UND PZ15X-XXX-XXX MEMBRANPUMPE 1-1/2" AUS METALL

ÜBERSETZUNG SERIE:	1:1
FLÜSSIGKEITS- DRUCKBEREICH (PSIG):	20 - 120
VERÖFFENTLICHT:	1-20-15
ÜBERARBEITET:	5-20-22
(REV: C)	S-1584

TECHNISCHE DATEN

KONSTRUKTION

Modellserie	PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX
Pumpentyp. . .	Druckluftbetriebene Doppelmembranpumpe aus Metall
Verhältnis.	1:1
Materialeinlass/-auslass (Buchse)	
PX15X-AXX-XXX	1-1/2 - 11-1/2 NPTF - 1
PX15X-BXX-XXX	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X-YXX-XXX	1-1/2" ANSI / DIN Flansch
Lufteinlass (Buchse)	1/2 - 14 NPT
Luftauslass (Buchse)	3/4 - 14 NPT
Gewicht	
PX15R-XAX-XXX	37,65 lbs (17,08 kg)
PX15R-XCX-XXX	73,2 lbs (33,2 kg)
PX15R-XHX-XXX	86,9 lbs (39,4 kg)
PX15R-XSX-XXX	61,2 lbs (27,8 kg)
	2,14 kg (0,97 kg) für Aluminium-Luft-motor-Abschnitt hinzufügen
	18,14 kg (8,23 kg) für Edelstahl Luft motor Abschnitt hinzufügen
Verschleißteilsätze für Druckluftprodukte.	637389
Major Luft Ventilanordnung	637390-X
Verschleißteilsätze für Fluid-Produkte.	637375-XX

LEISTUNG

Eingangsluftdruck-Bereich	20 - 120 psig (1.4 - 8.3 bar)
Max. Materialeingangsdruck	10 psig (0.69 bar)
Fluid-Druckbereich	20 - 120 psig (1.4 - 8.3 bar)
Max. Durchflussrate (gefluteter Einlauf)	123 gpm (465.6 lpm)
Verdrängung/Zyklus bei (100 psig) ..	0.617 gal. (2.34 lit.)
Max. Partikelgröße	1/4" dia. (6.4 mm)
Max. Temperaturgrenzen (Membran-/Kugel-/Sitzmaterial)	
E.P.R./EPDM	-60° bis 280° F (-51° bis 138° C)
Hytrel®	-20° bis 180° F (-29° bis 82° C)
Nitrilo	10° bis 180° F (-12° bis 82° C)
Polipropileno	32° bis 175° F (0° bis 79° C)
Santoprene®	-40° bis 225° F (-40° bis 107° C)
PTFE	40° bis 225° F (4° bis 107° C)
Viton®	-40° bis 350° F (-40° bis 177° C)
Schallpegel bei @ 70 psig - 60 cpm.	82.8 dB(A) ^①

① Die Schalldruckangaben für die Pumpe wurden aktualisiert und geben jetzt den äquivalenten Dauerschallpegel (LA_{eq}) gemäß ANSI S1. 13-1971, CAGI-PNEUROP S5.1 an, in der die Verwendung von vier verschiedenen Mikrofonstandorten vorgeschrieben ist.

HINWEIS: Leistungstest mit Membran-Rückschlagventil 95845.

PX15X-XXX-X

637375 -X

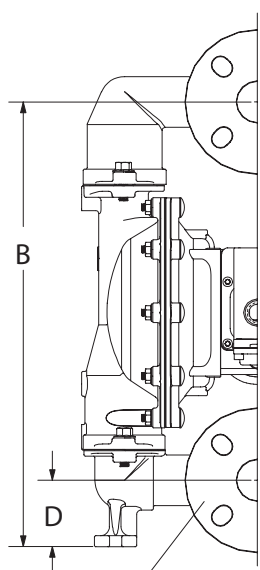
└ Membranmaterial
└ Kugelmaterail

BEISPIEL: Modell #PD15S-ASS-SAA
Verschleißteilsatz für Fluid-Produkte: 637375-AA

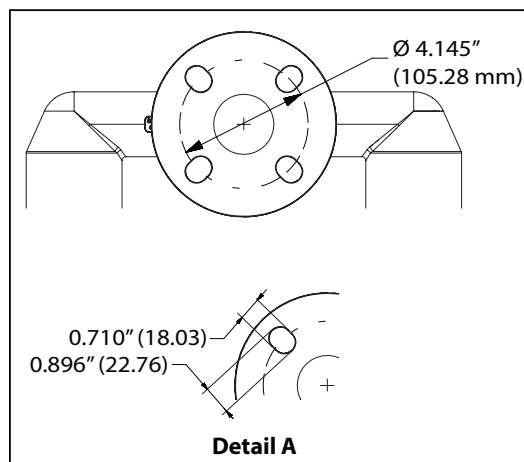
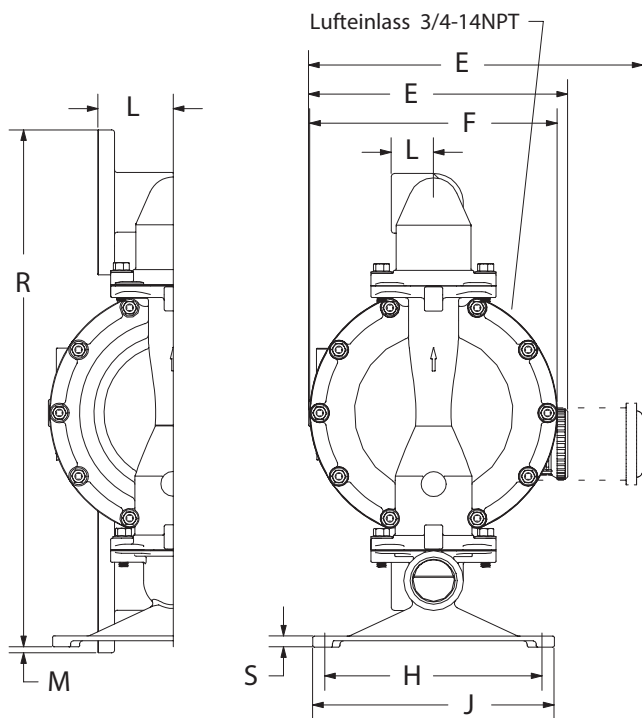
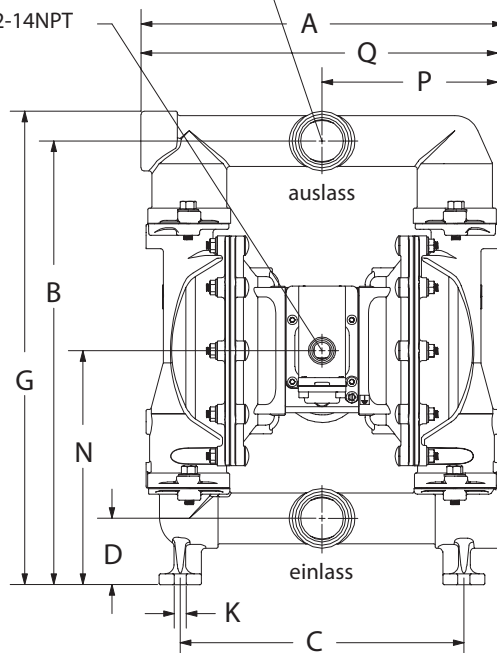
MASSANGABEN

1-1/2 - 11-1/2 NPTF - 1 (PX15X-**AXX**-XXX)
Rp 1-1/2 (1-1/2 - 11 BSP) (PX15X-**BXX**-XXX)

Lufteinlass 1/2-14NPT



1-1/2" ANSI/Flansch DIN
(PX15X-**YXX**-XXX)
Siehe Detail A



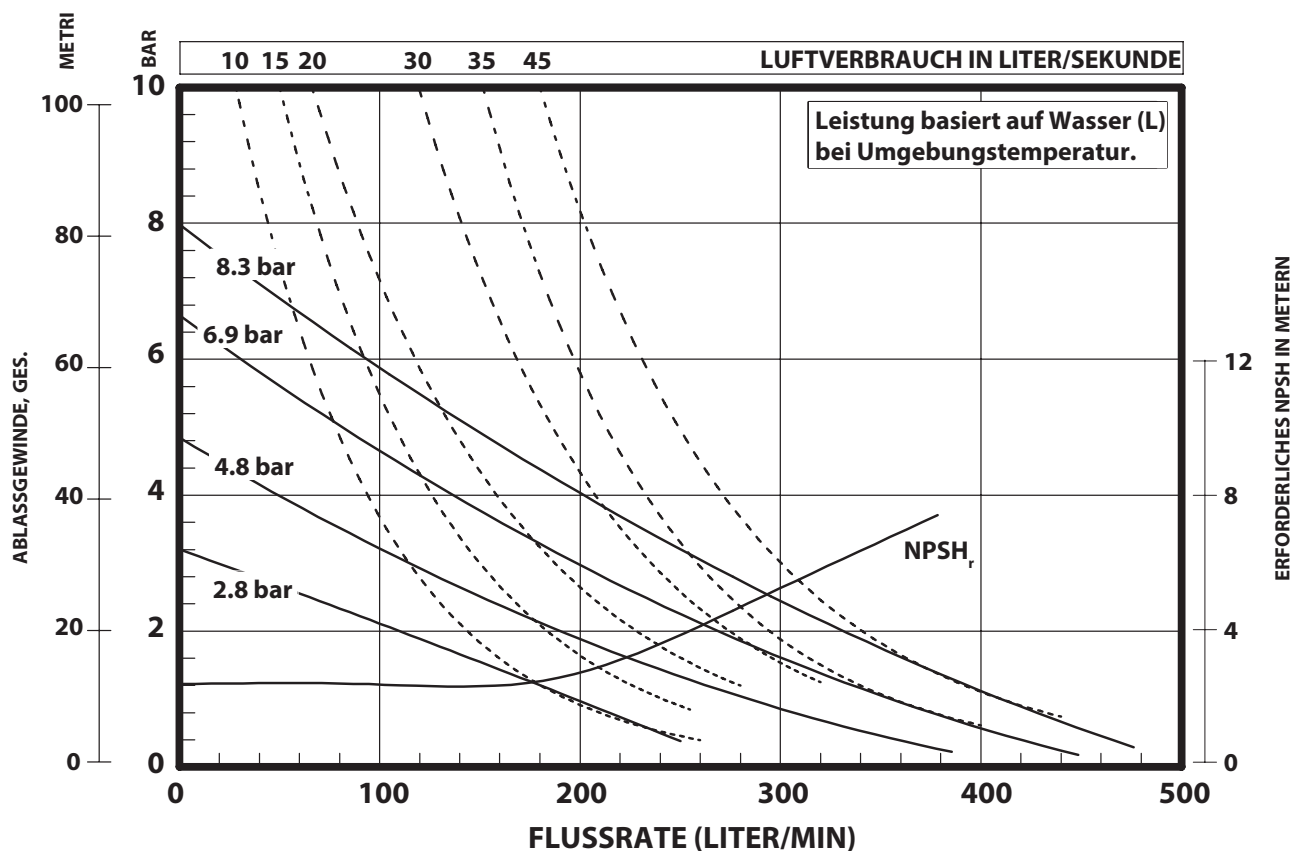
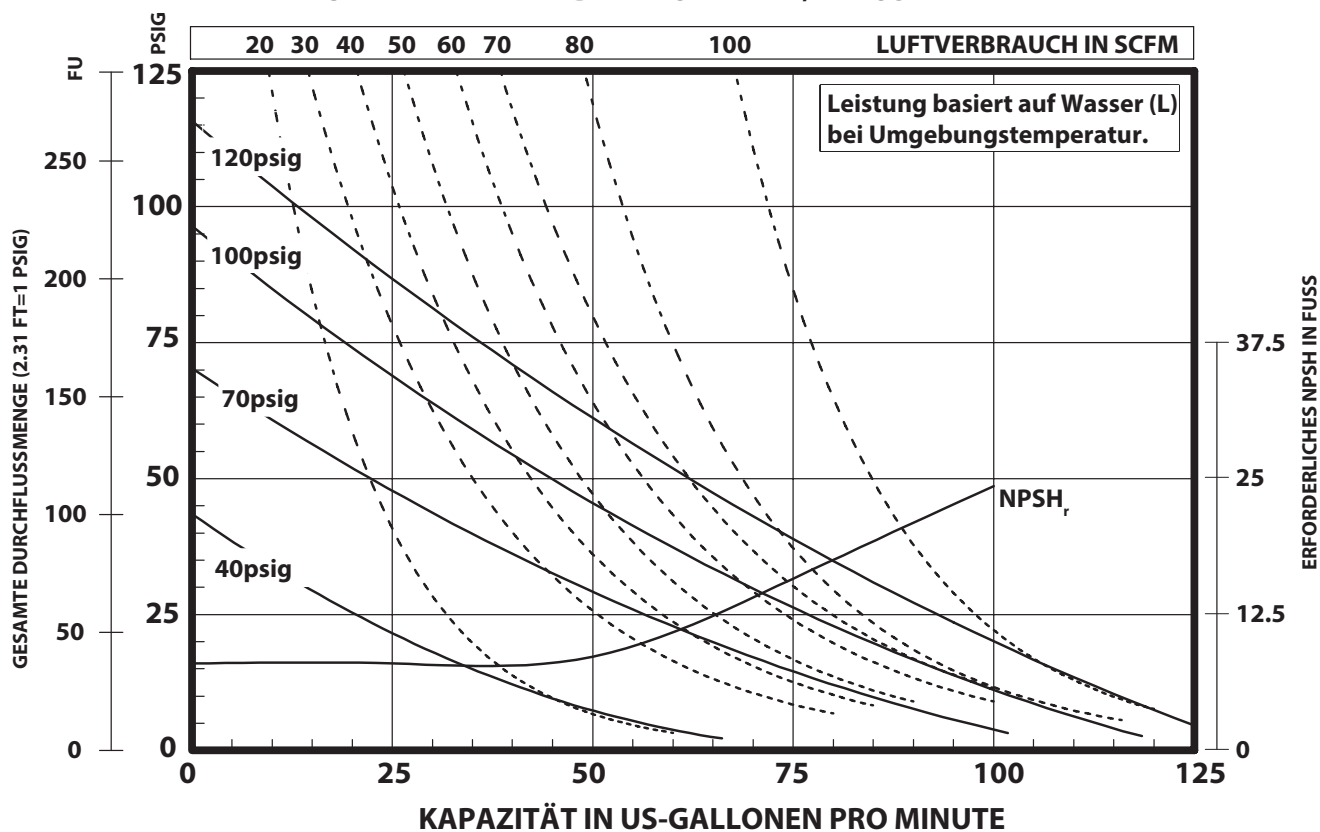
ABMESSUNGEN

A - siehe unten	E - siehe unten	J - 10" (254.0 mm)	N - 9-11/16" (246.0 mm)
B - 18-3/8" (466.7 mm)	F - 10-1/4" (260.4 mm)	K - 1/2" (12.7 mm)	P - siehe unten
C - 11-3/4" (298.5 mm)	G - 19-5/8" (498.1 mm)	L - siehe unten	Q - siehe unten
D - 2-3/4" (69.9 mm)	H - 9" (228.6 mm)	M - 1/4" (6.4 mm)	R - 21-7/16" (543.9 mm)
			S - siehe unten

	"A"	"L"	"P"	"Q"	"S"	"E"
PX15X- XAX -XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15A-XXX-XXX 14-1/32" (356.2 mm)
PX15X- XCX -XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15R-XXX-XXX 11-3/32" (281.3 mm)
PX15X- XHX -XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15S-XXX-XXX 13-7/8" (352.4 mm)
PX15X- ASX -XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X- BSX -XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X- YSX -XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

LEISTUNGSKURVEN

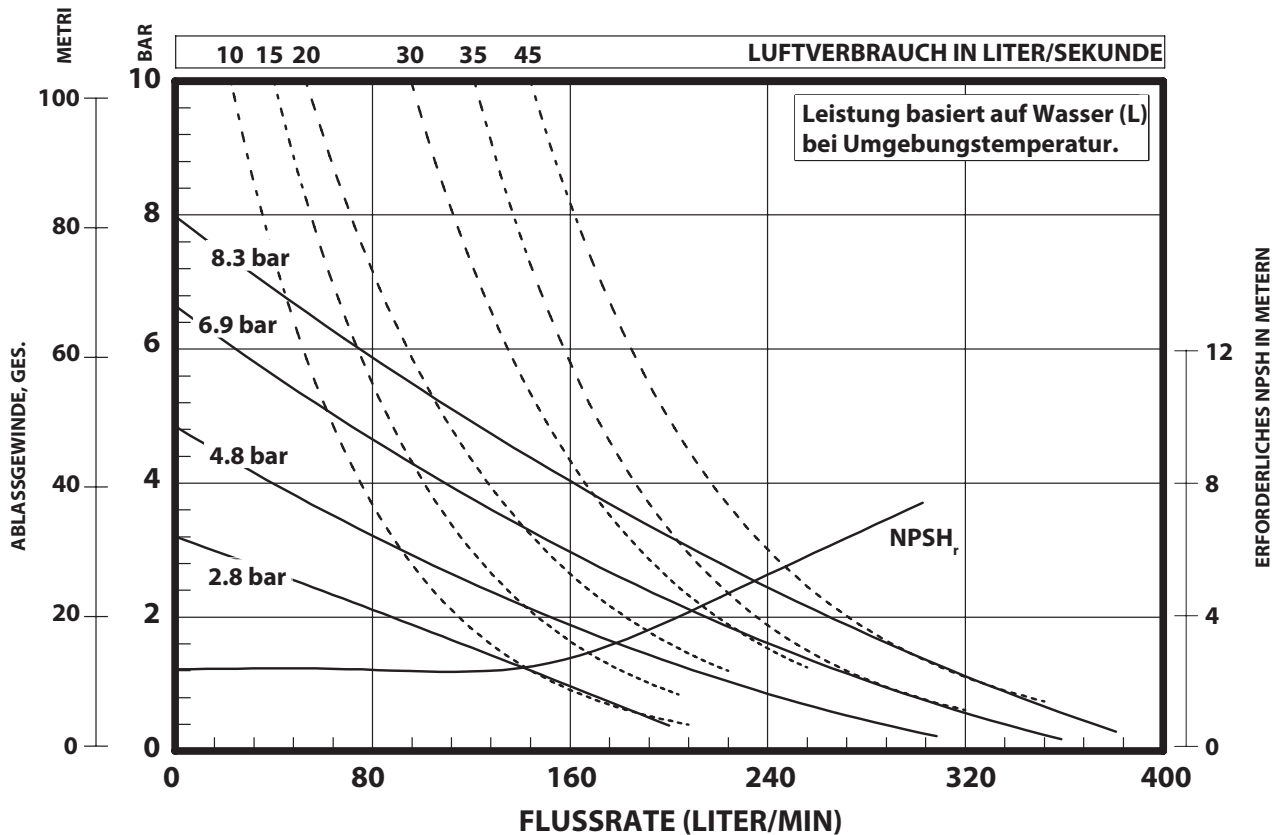
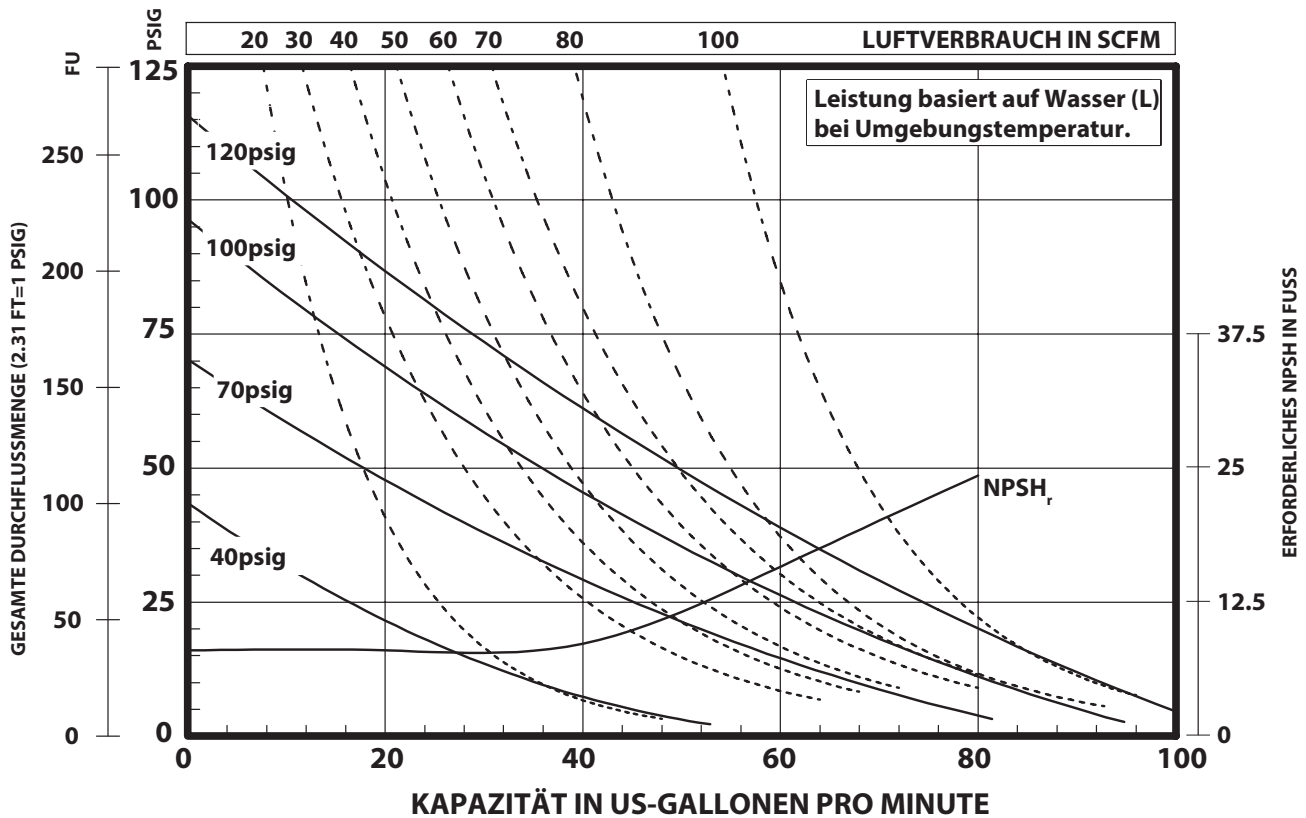
PX15X-XXX-XXX MEMBRANPUMPE 1-1/2" AUS METALL



HINWEIS: Leistungstest mit Membran-Rückschlagventil 95845.

LEISTUNGSKURVEN

PE15X-XXX-XXX-XXEX UND PE15X-XXX-XXX-XXFX MEMBRANPUMPE 1-1/2" AUS METALL



HINWEIS: Leistungstest mit Membran-Rückschlagventil 95845.

VERKOOPS- EN TECHNISCHE GEGEVENS

PD15X-XXX-XXX, PE15X-XXX-XXX EN PZ15X-XXX-XXX METALEN MEMBRAANPOMP VAN 1-1/2"

VERHOUDING SERIE:	1:1
VLOEISTOF- BEREIK PSIG:	20 - 120
GEPUBLICEERD:	1-20-15
HERZIENE VERSIE:	5-20-22
(REV: C)	S-1584

SPECIFICATIES

CONSTRUCTIE

Modelserie.....	PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX
Pomptype... Metalen, pneumatisch, dubbel membraan	
Verhouding.....	1:1
Materiaalinlaat/-uitlaat (vrouwelijk)	
PX15X-AXX-XXX.....	1-1/2 - 11-1/2 NPTF - 1
PX15X-BXX-XXX.....	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X-YXX-XXX.....	1-1/2" ANSI / DIN Flens
Luchtinlaat (vrouwelijk).....	1/2 - 14 NPT
Luchtuitlaat (vrouwelijk).....	3/4 - 14 NPT
Gewicht	
PX15R-XAX-XXX.....	37,65 lbs (17,08 kgs)
PX15R-XCX-XXX.....	73,2 lbs (33,2 kgs)
PX15R-XHX-XXX.....	86,9 lbs (39,4 kgs)
PX15R-XSX-XXX.....	61,2 lbs (27,8 kgs)
	2,14 lbs (0,97 kg) voor aluminium lucht motor sectie toevoegen
	18,14 lbs (8,23 kg) voor roestvrij staal lucht motor sectie toevoegen
Onderhoudskit luchtgedeelte.....	637389
Major Air Valve vergadering.....	637390-X
Onderhoudskit vloeistofgedeelte ..	637375-XX

PRESTATIES

Druk bereik luchtinlaat.....	20 - 120 psig (1.4 - 8.3 bar)
Maximale materiaalinlaatdruk.....	10 psig (0.69 bar)
Druk bereik vloeistofuitlaat.....	20 - 120 psig (1.4 - 8.3 bar)
Maximumdebiet (natte inlaat).....	123 gpm (465.6 lpm)
Verdringing/cyclus bij (100 psig).....	0.617 gal. (2.34 l)
Maximale partikelgrootte.....	1/4" dia (6.4 mm)
Maximale temperatuurlimieten (materiaal membraan/kogel/zitting)	
E.P.R./EPDM.....	-60° tot 280° F (-51° tot 138° C)
Hytrel®.....	-20° tot 180° F (-29° tot 82° C)
Nitrilo.....	10° tot 180° F (-12° tot 82° C)
Polipropileno.....	32° tot 175° F (0° tot 79° C)
Santoprene®.....	-40° tot 225° F (-40° tot 107° C)
PTFE.....	40° tot 225° F (4° tot 107° C)
Viton®.....	-40° tot 350° F (-40° tot 177° C)
Geluidsniveau bij @ 70 psig - 60 cpm.....	82.8dB(A) ^①

① Het geluidsdruk niveau van de pomp is bijgewerkt tot een equivalent continu geluidsniveau (LA_{eq}) om te voldoen aan het doel van ANSI S1. 13-1971, CAGI-PNEUROP S5.1 met vier microfoonlocaties.

OPMERKING: Prestaties getest met 95845 Diafragma Regelklep.

PX15X-XXX-XXX

637375-XX

└─ Membraanmateriaal
└─ Kogelmateriaal

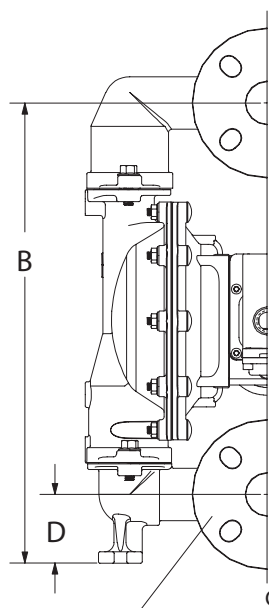
VOORBEELD: Modell #PD15S-ASS-SAA
Onderhoudskit vloeistofgedeelte is : 637375-AA

AFMETINGEN

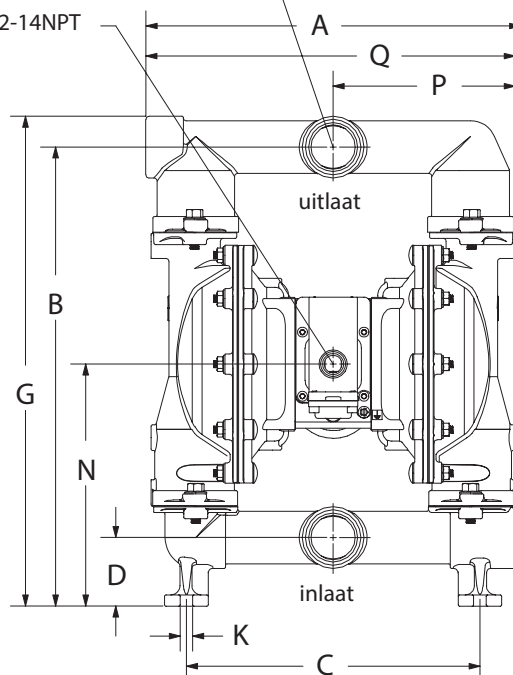
1-1/2 - 11-1/2 NPTF - 1 (PX15X-AXX-XXX)

Rp 1-1/2 (1-1/2 - 11 BSP) (PX15X-BXX-XXX)

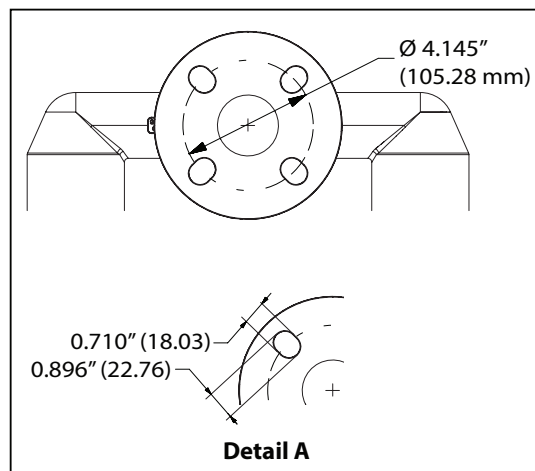
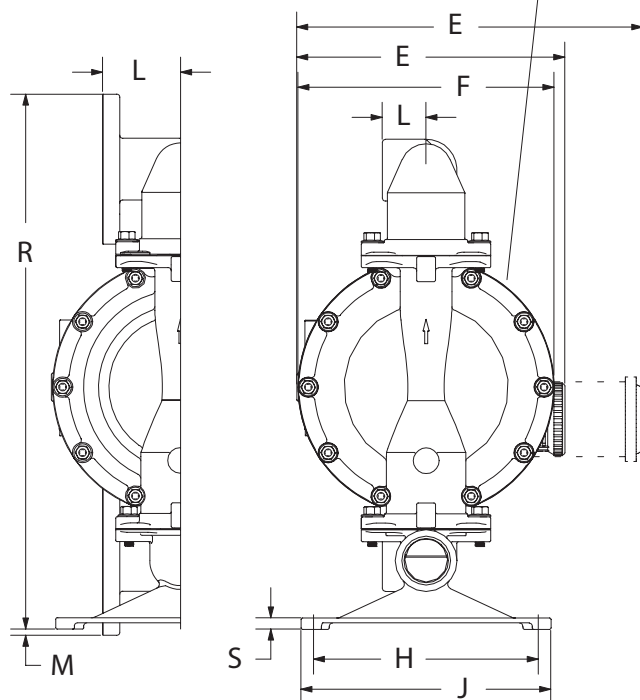
Luchtinlaat 1/2-14NPT



1-1/2" ANSI/Flens DIN
(PX15X-YYY-XXX)
Zie detail A



Uitlaat poort 3/4-14NPT



AFMETINGEN

A - zie hieronder

B - 18-3/8" (466.7 mm)

C - 11-3/4" (298.5 mm)

D - 2-3/4" (69.9 mm)

E - zie hieronder

F - 10-1/4" (260.4 mm)

G - 19-5/8" (498.1 mm)

H - 9" (228.6 mm)

J - 10" (254.0 mm)

K - 1/2" (12.7 mm)

L - zie hieronder

M - 1/4" (6.4 mm)

N - 9-11/16" (246.0 mm)

P - zie hieronder

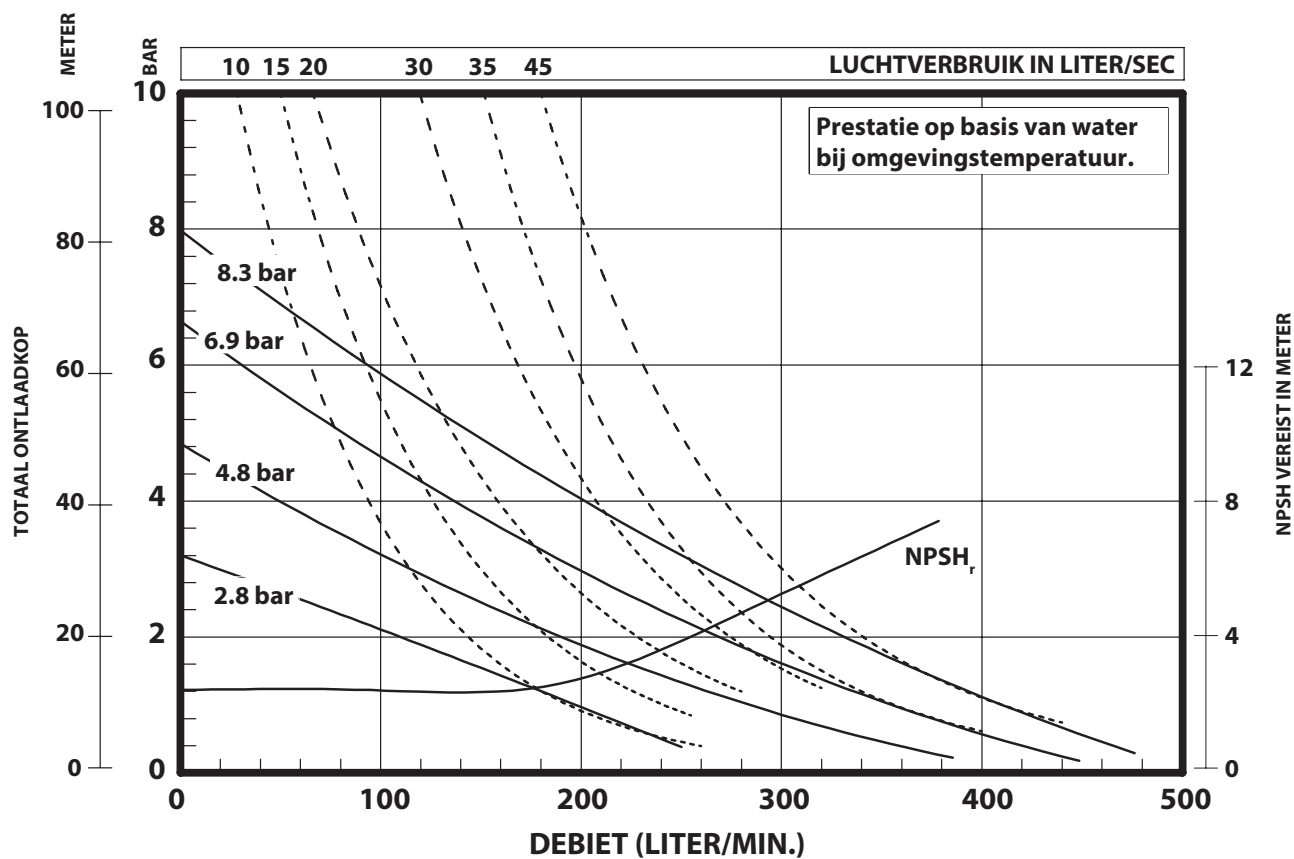
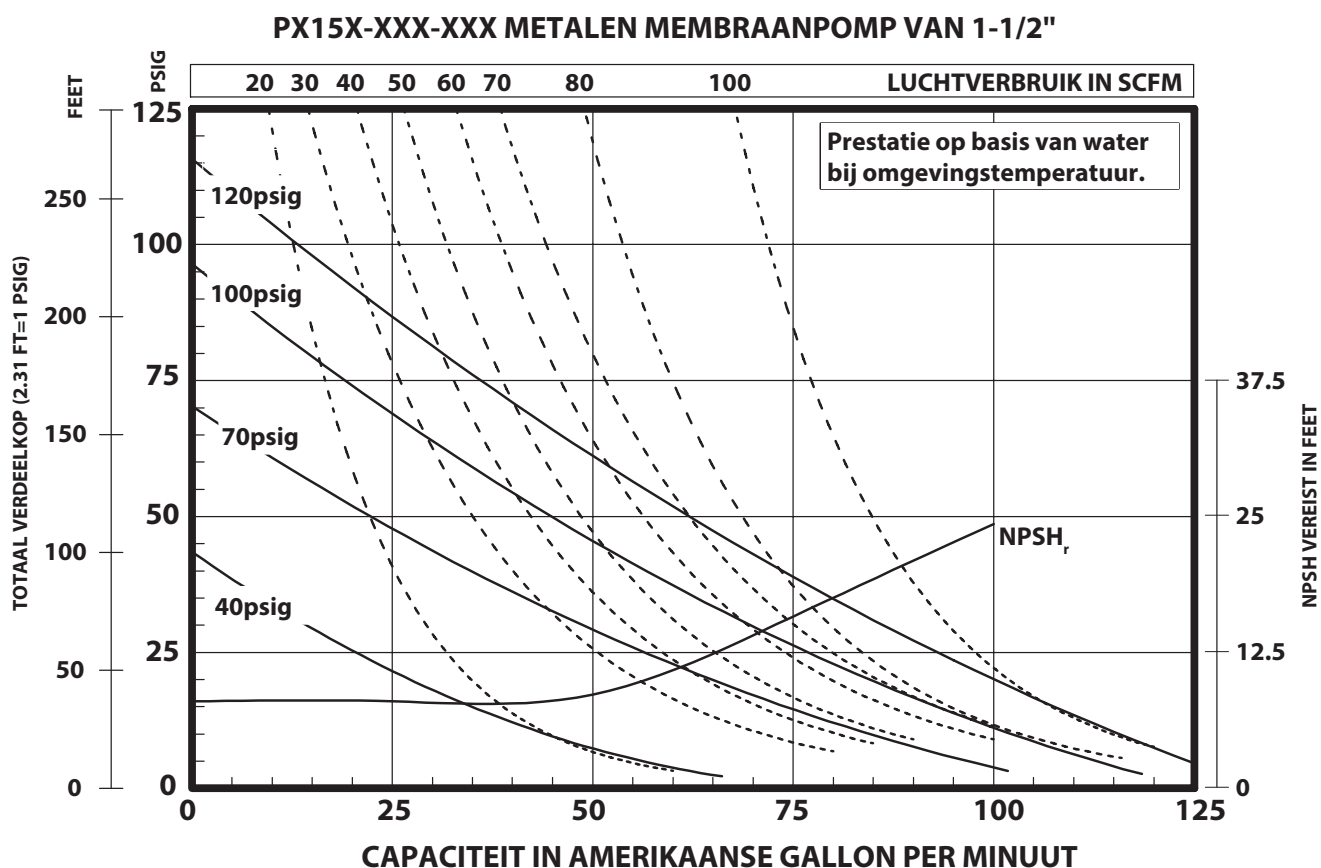
Q - zie hieronder

R - 21-7/16" (543.9 mm)

S - zie hieronder

	"A"	"L"	"P"	"Q"	"S"	"E"
PX15X-XAX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15A-XXX-XXX 14-1/32" (356.2 mm)
PX15X-XCX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15R-XXX-XXX 11-3/32" (281.3 mm)
PX15X-XHX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15S-XXX-XXX 13-7/8" (352.4 mm)
PX15X-ASX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-BSX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-YSX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

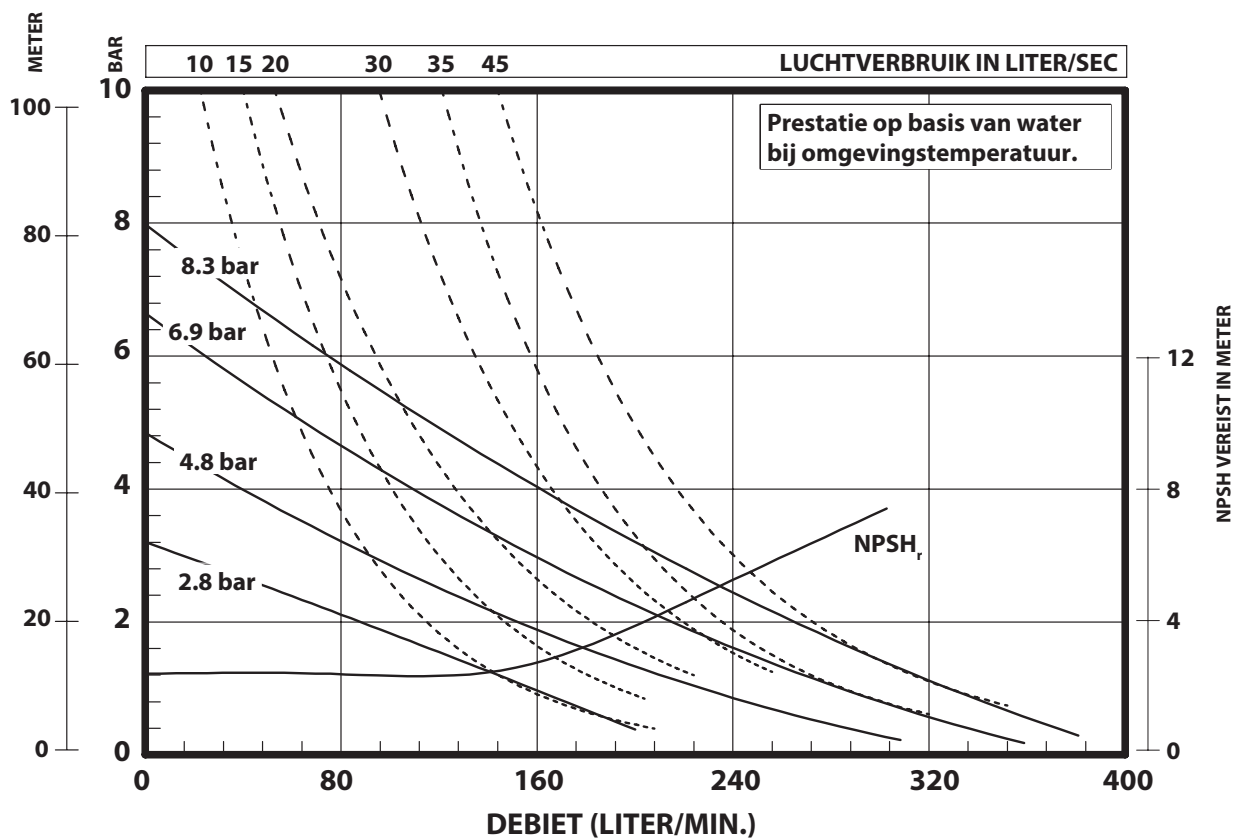
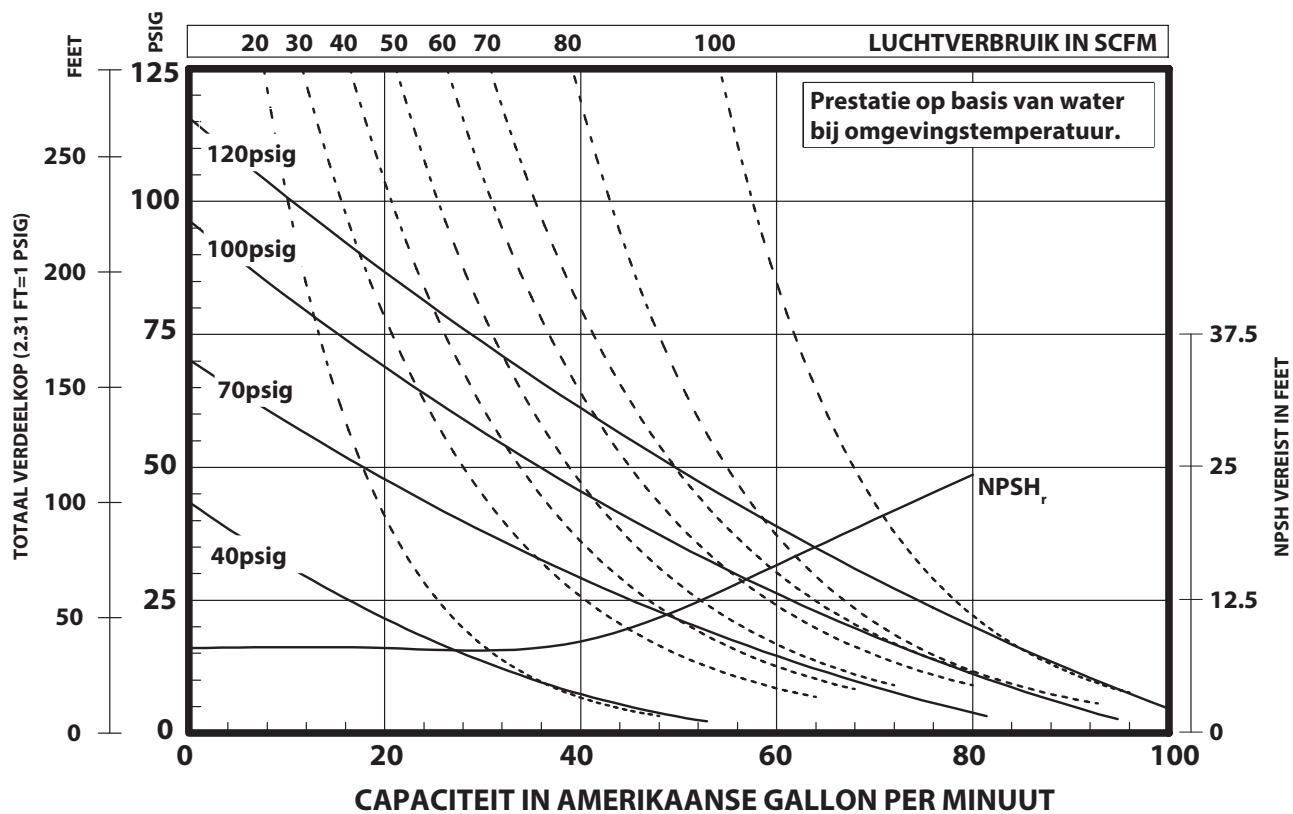
PRESTATIECURVEN



OPMERKING: Prestaties getest met 95845 Diafragma Regelklep.

PRESTATIECURVEN

PE15X-XXX-XXX-XXEX EN PE15X-XXX-XXX-XXFX METALEN MEMBRAANPOMP VAN 1-1/2"



OPMERKING: Prestaties getest met 95845 Diafragma Regelklep.

DADOS DE VENDAS E ENGENHARIA

PD15X-XXX-XXX, PE15X-XXX-XXX E PZ15X-XXX-XXX BOMBA DE DIAFRAGMA METÁLICA DE 1-1/2 POL.

RELAÇÃO SÉRIE:	1:1
INTERVALO LÍQUIDOS EM PSIG:	20 - 120
LANÇADO:	1-20-15
REVISTA:	5-20-22
(REV: C)	S-1584

ESPECIFICAÇÕES

CONSTRUÇÃO

Série do modelo	PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX
Tipo de bomba ...	Metálica, Ar comprimido, Diafragma duplo
Relação	1:1
Entrada/ saída de material (fêmea)	
PX15X- <u>A</u> XX-XXX	1-1/2 - 11-1/2 NPTF - 1
PX15X- <u>B</u> XX-XXX	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X- <u>Y</u> XX-XXX	1-1/2" ANSI / DIN Borda
Entrada de ar (fêmea)	1/2 - 14 NPT
Escape de ar (fêmea)	3/4 - 14 NPT
Peso	
PX15R-X <u>A</u> X-XXX	37,65 lbs (17,08 kg)
PX15R-X <u>C</u> X-XXX	73,2 lbs (33,2 kg)
PX15R-X <u>H</u> X-XXX	86,9 lbs (39,4 kg)
PX15R-X <u>S</u> X-XXX	61,2 lbs (27,8 kg)
Adicionar 2,14 lbs (0,97 kg) para a seção motor de ar de alumínio	
Adicionar 18,14 lbs (8,23 kg) para a seção motor de ar de aço inoxidável	
Kit de reparação da seção de ar	637389
Conjunto da válvula de ar de Major	637390-X
Kit de reparação da seção de líquidos ...	637375-XX

DESEMPENHO

Intervalo da pressão de entrada de ar	20 - 120 psig (1.4 - 8.3 bar)
Pressão máxima de entrada de material	10 psig (0.69 bar)
Faixa de pressão de fluido	20 - 120 psig (1.4 - 8.3 bar)
Fluxo máximo de líquidos (entrada de fluxo)	123 gpm (465.6 lpm)
Deslocamento por ciclo a (100 psig) ..	0.617 gal. (2.34 l)
Tamanho máximo das partículas ...	1/4" pol. diâm. (6.4 mm)
Limites de temperatura máximos (diafragma / esfera / material da junta)	
E.P.R./EPDM	-60° a 280° F (-51° a 138° C)
Hytrel®	-20° a 180° F (-29° a 82° C)
Nitrilo	10° a 180° F (-12° a 82° C)
Polipropileno	32° a 175° F (0° a 79° C)
Santoprene®	-40° a 225° F (-40° a 107° C)
PTFE	40° a 225° F (4° a 107° C)
Viton®	-40° a 350° F (-40° a 177° C)
Nível de ruído a @ 70 psig - 60 cpm ...	82.8 dB(A) ^①

① O nível de pressão sonora da bomba foi atualizado para um nível sonoro contínuo equivalente (LA_{eq}), para corresponder ao requisito da ANSI S1. 13-1971, CAGI-PNEUROP S5.1, utilizando quatro localizações de microfone.

NOTA: Teste de desempenho com válvula de retenção de diafragma 95845.

PX15X-XXX-XXX

637375 -XX

└─ Material do diafragma
└─ Material da esfera

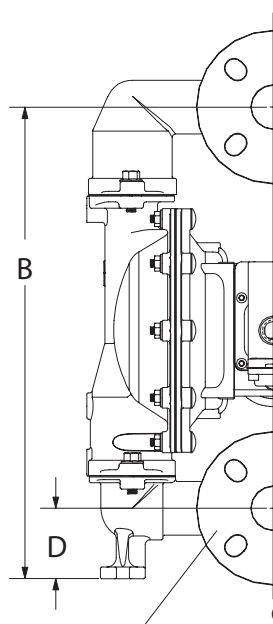
EXEMPLO: Modelo #PD15S-ASS-SAA

Kit de reparação da seção de líquidos é: 637375-AA

DADOS DIMENSIONAIS

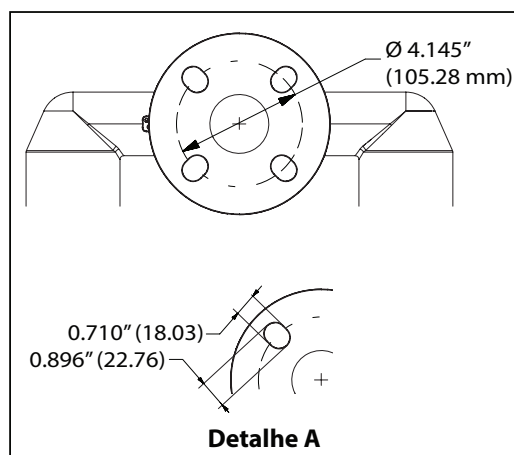
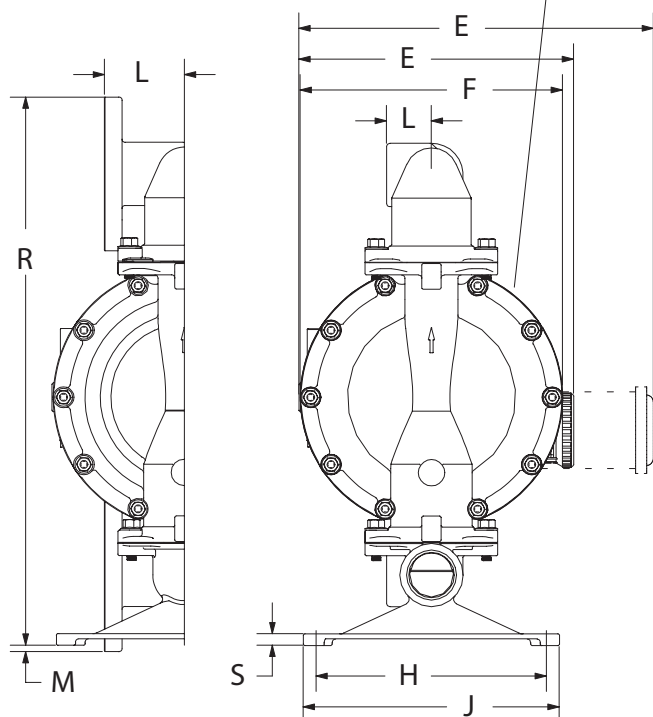
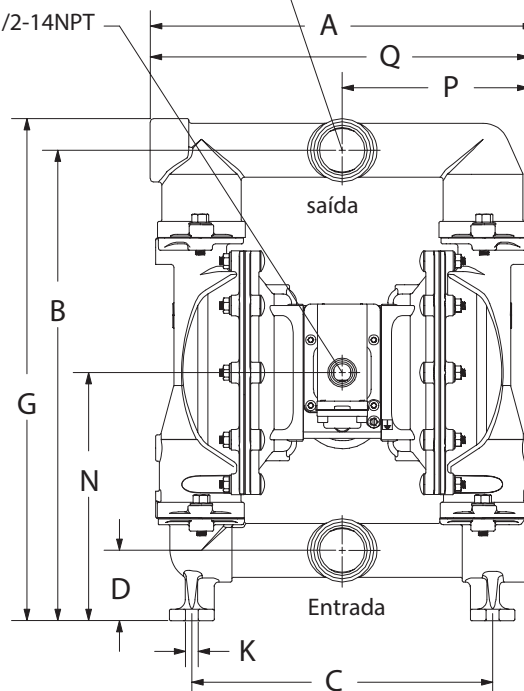
1-1/2 - 11-1/2 NPTF - 1 (PX15X-AXX-XXX)Rp 1-1/2 (1-1/2 - 11 BSP) (PX15X-BXX-XXX)

Entrada de ar 1/2-14NPT



1-1/2" ANSI/Flange DIN
(PX15X-YXX-XXX)
Ver detalhe A

Escape Escape 3/4-14NPT



DIMENSÕES

A - ver abaixo

B - 18-3/8" (466.7mm)

C - 11-3/4" (298.5mm)

D - 2-3/4" (69.9mm)

E - ver abaixo

F - 10-1/4" (260.4mm)

G - 19-5/8" (498.1mm)

H - 9" (228.6mm)

J - 10" (254.0mm)

K - 1/2" (12.7mm)

L - ver abaixo

M - 1/4" (6.4mm)

N - 9-11/16" (246.0mm)

P - ver abaixo

Q - ver abaixo

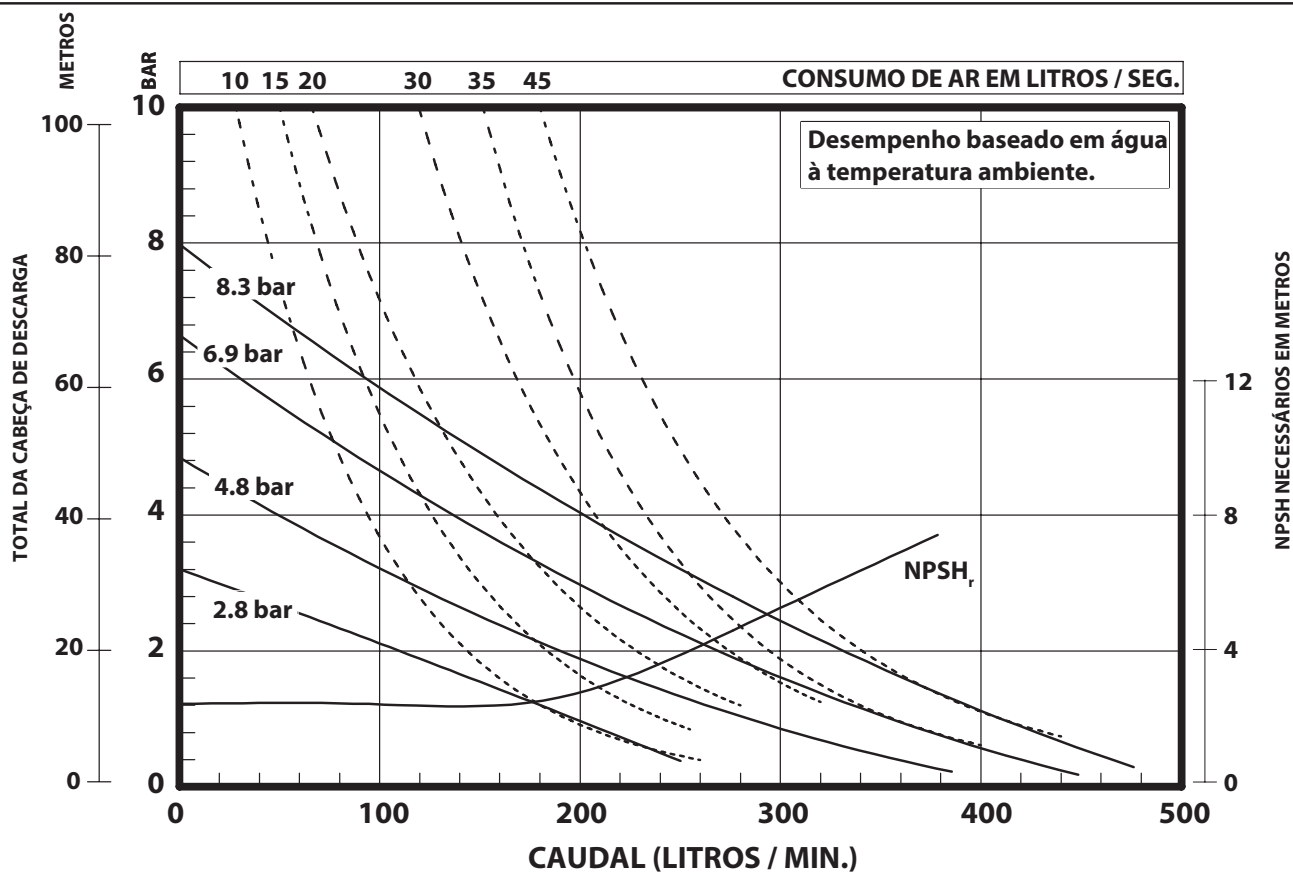
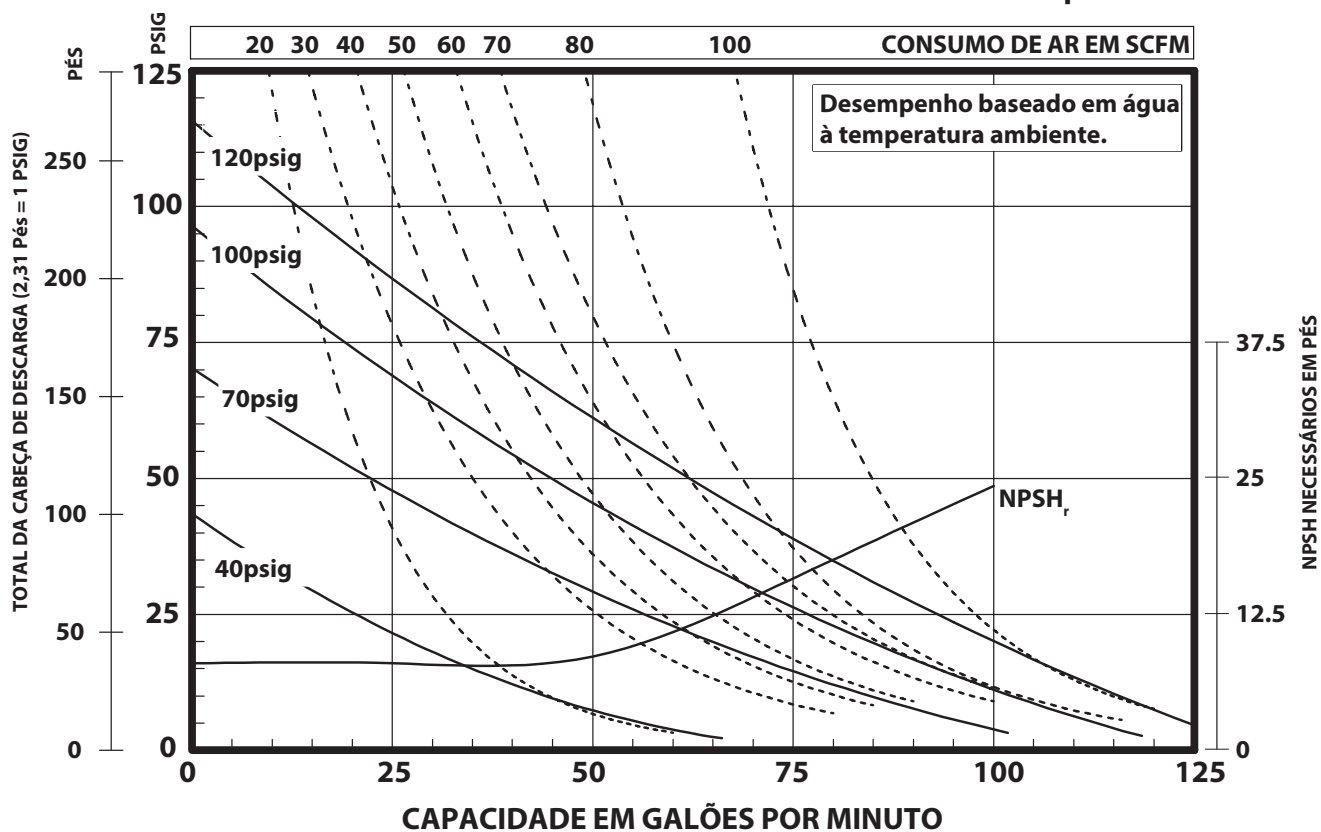
R - 21-7/16" (543.9mm)

S - ver abaixo

	"A"	"L"	"P"	"Q"	"S"	"E"
PX15X- <u>X</u> A-X-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15 <u>A</u> -XXX-XXX 14-1/32" (356.2 mm)
PX15X- <u>X</u> C-X-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 <u>R</u> -XXX-XXX 11-3/32" (281.3 mm)
PX15X- <u>X</u> H-X-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 <u>S</u> -XXX-XXX 13-7/8" (352.4 mm)
PX15X- <u>A</u> S-X-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X- <u>B</u> S-X-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X- <u>Y</u> S-X-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

CURVAS DE DESEMPENHO

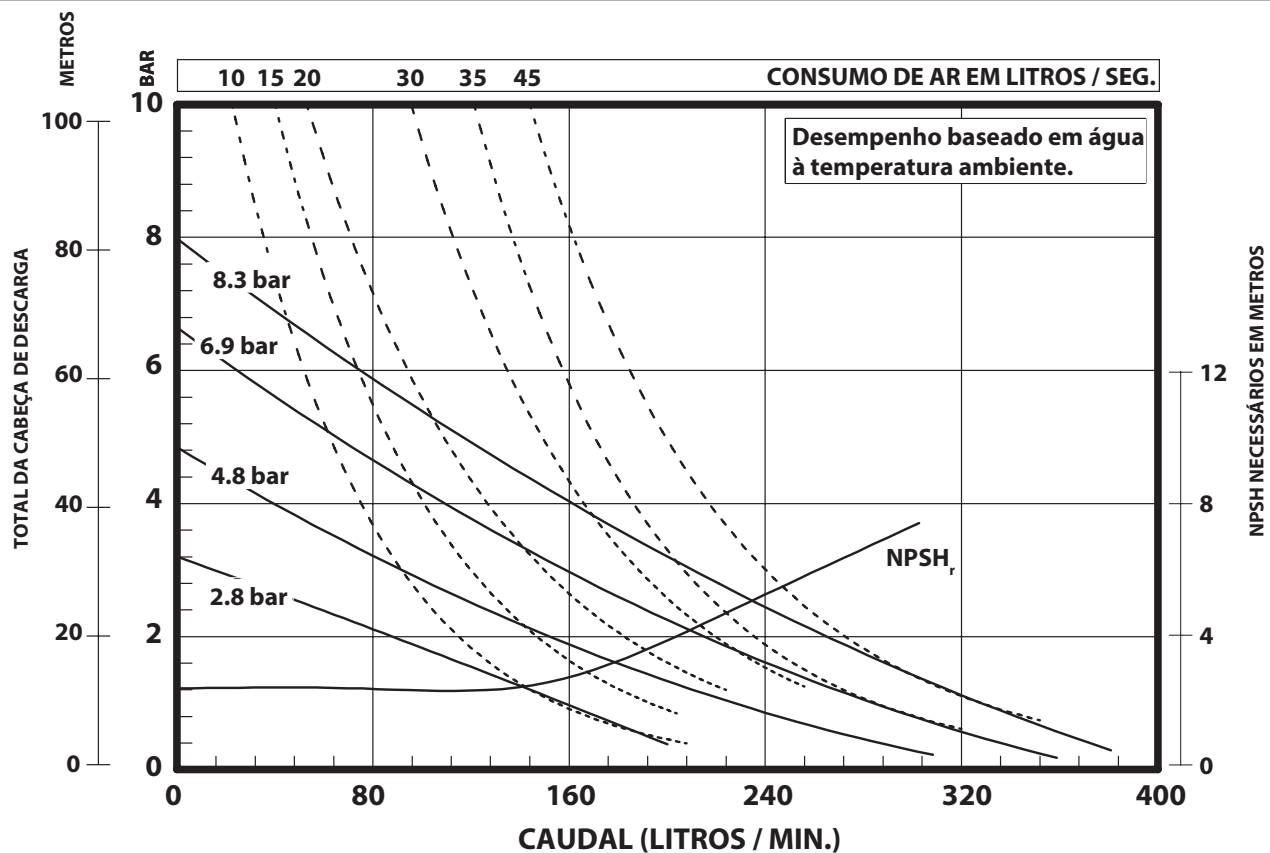
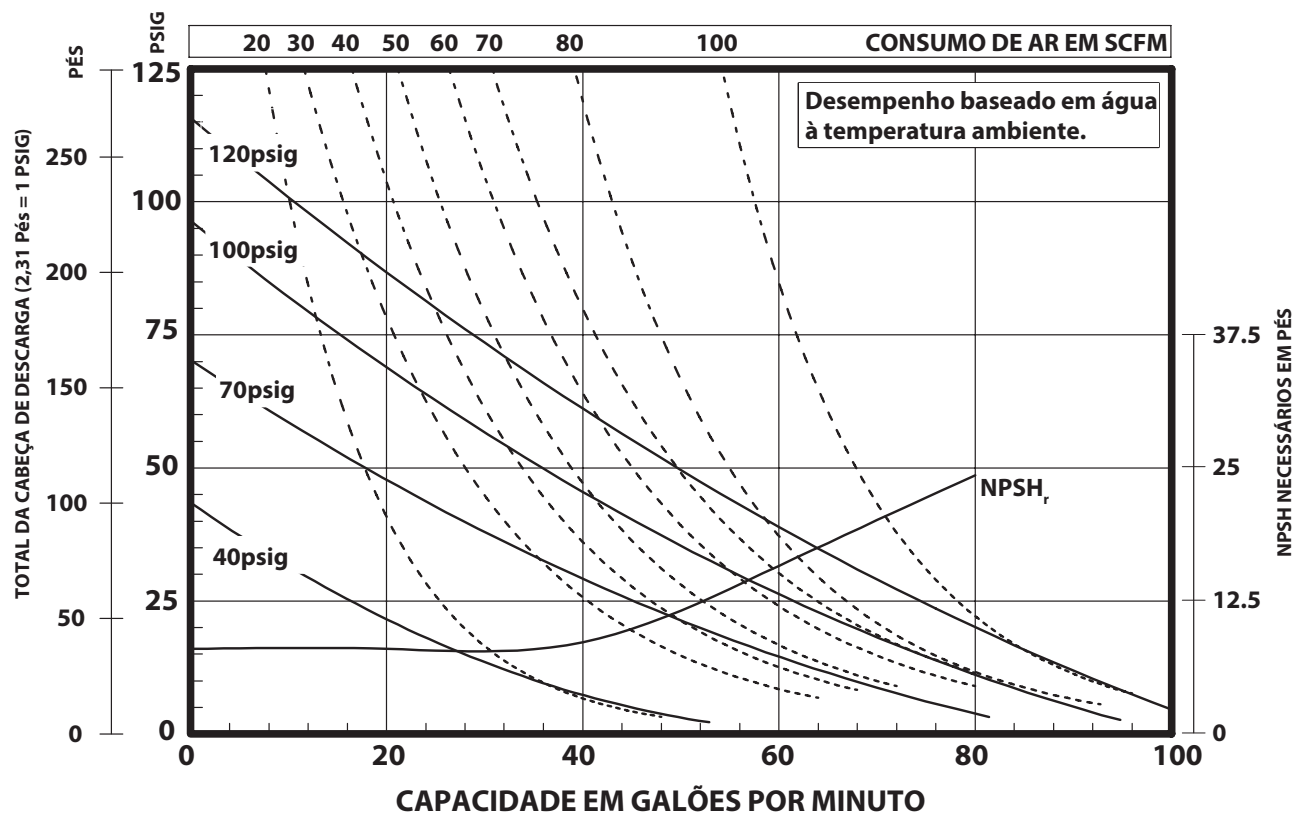
PX15X-XXX-XXX BOMBA DE DIAFRAGMA METÁLICA 1-1/2 pol.



NOTA: Teste de desempenho com válvula de retenção de diafragma 95845.

CURVAS DE DESEMPENHO

PE15X-XXX-XXX-XXEX E PE15X-XXX-XXX-XXFX BOMBA DE DIAFRAGMA METÁLICA 1-1/2 pol.



NOTA: Teste de desempenho com válvula de retenção de diafragma 95845.

DANE HANDLOWE I TECHNICZNE

**PD15X-XXX-XXX, PE15X-XXX-XXX I
PZ15X-XXX-XXX**
METALOWA POMPA MEMBRANOWA 1-1/2 CALA

WSPÓŁCZYNNIK SERIA:	1:1
ZAKRES CIŚNIEŃ PŁYNU W PSIG:	20 - 120
WYDANY:	1-20-15
POPRAWIONE:	5-20-22
(WER: C)	S-1584

SPECYFIKACJE

KONSTRUKCJA

Seria modeli	PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX
Typ pompy ..	metalowa, pneumatyczna, z podwójną membraną
Współczynnik	1:1
Wlot/wylot materiału (gwint wewnętrzny)	
PX15X-AXX-XXX	1-1/2 - 11-1/2 NPTF - 1
PX15X-BXX-XXX	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X-YXX-XXX	1-1/2" ANSI / DIN Kołnierz
Wlot powietrza (gwint wewnętrzny) ..	1/2 - 14 NPT
Wylot powietrza (gwint wewnętrzny) ...	3/4 - 14 NPT
Masa	
PX15R-XAX-XXX	37,65 lbs (17,08 kgs)
PX15R-XCX-XXX	73,2 lbs (33,2 kgs)
PX15R-XHX-XXX	86,9 lbs (39,4 kgs)
PX15R-XXS-XXX	61,2 lbs (27,8 kgs)
Dodać 2.14 lbs (0,97 kg) aluminium lotniczego sekcji silnika	
Dodać 18.14 lbs (8.23 kg) do powietrza ze stali nierdzewnej przekrój silnika	
Zestaw serwisowy sekcji pneumatycznej.	637389
Montaż zaworu powietrza Major	637390-X
Zestaw serwisowy sekcji mokrej	637375-XX

PX15X-XXX-X

637375 -

Material membrany
Material kuli

PRZYKŁAD: nr modelu #PD15S-ASS-SAA
Zestaw serwisowy sekcji mokrej ma numer : 637375-AA

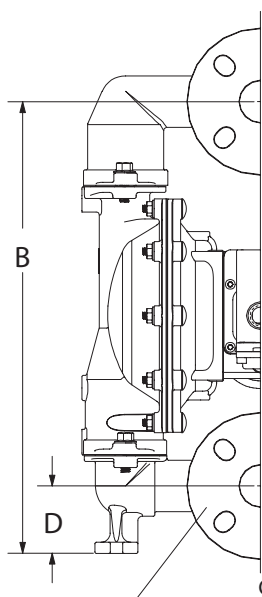
PARAMETRY

Zakres ciśnienia na wlocie powietrza .	20 - 120 psig (1.4 - 8.3 bar)
Maksymalne ciśnienie materiału na wlocie.	0.69 bar
Zakres ciśnienia płynu	20 - 120 psig (1.4 - 8.3 bar)
Maksymalne natężenie przepływu (zatopiony wlot).	465.6 lpm
Skok/cykl przy (100 psig)	2.34 l
Maksymalny rozmiar cząstki	średnica 6.4 mm
Maksymalne wartości graniczne temperatury (materiał membra- ny/ kuli/gniazda)	
E.P.R./EPDM	-60° do 280° F (-51° do 138° C)
Hytrel®	-20° do 180° F (-29° do 82° C)
Nitrilo	10° do 180° F (-12° do 82° C)
Polipropileno	32° do 175° F (0° do 79° C)
Santoprene®	-40° do 225° F (-40° do 107° C)
PTFE	40° do 225° F (4° do 107° C)
Viton®	-40° do 350° F (-40° do 177° C)
Poziom hałasu przy @ 70 psig - 60 cykli/min.	82.8 dB(A) ^①
① Poziomy ciśnienia akustycznego pompy mierzone mikrofonem w czterech położeniach zostały przekształcone do równoważnego ciągłego poziomu głośności (LA _{eq}) w celu zachowania zgodności z normą ANSI S1. 13-1971 i prze- pisami CAGI-PNEUROP S5.1.	
WSKAZÁŁKA: Wydajność sprawdzona przy użyciu przeponowego zaworu zwrot- nego typu 95845.	

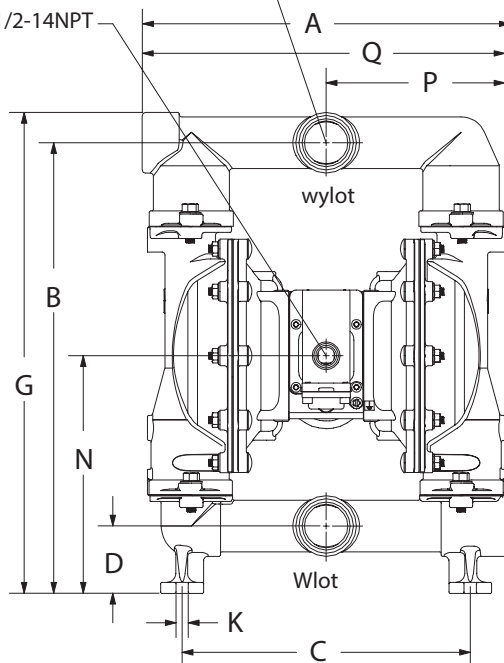
DANE WYMIAROWE

1-1/2 - 11-1/2 NPTF - 1 (PX15X-AXX-XXX)
Rp 1-1/2 (1-1/2 - 11 BSP) (PX15X-BXX-XXX)

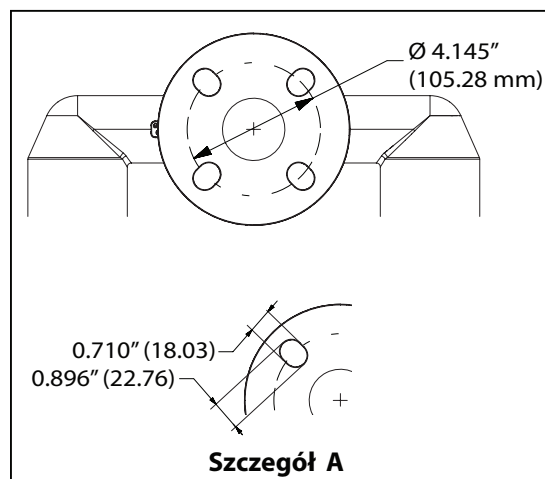
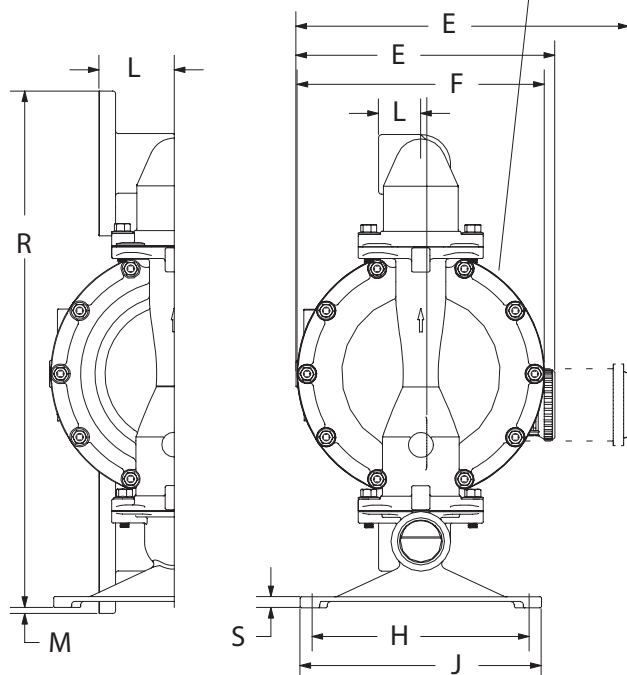
Wlot powietrza 1/2-14NPT



1-1/2" ANSI/Kołnierz DIN
(PX15X-YXX-XXX)
Zobacz Szczegół A



Wylot portu 3/4-14NPT



Szczegół A

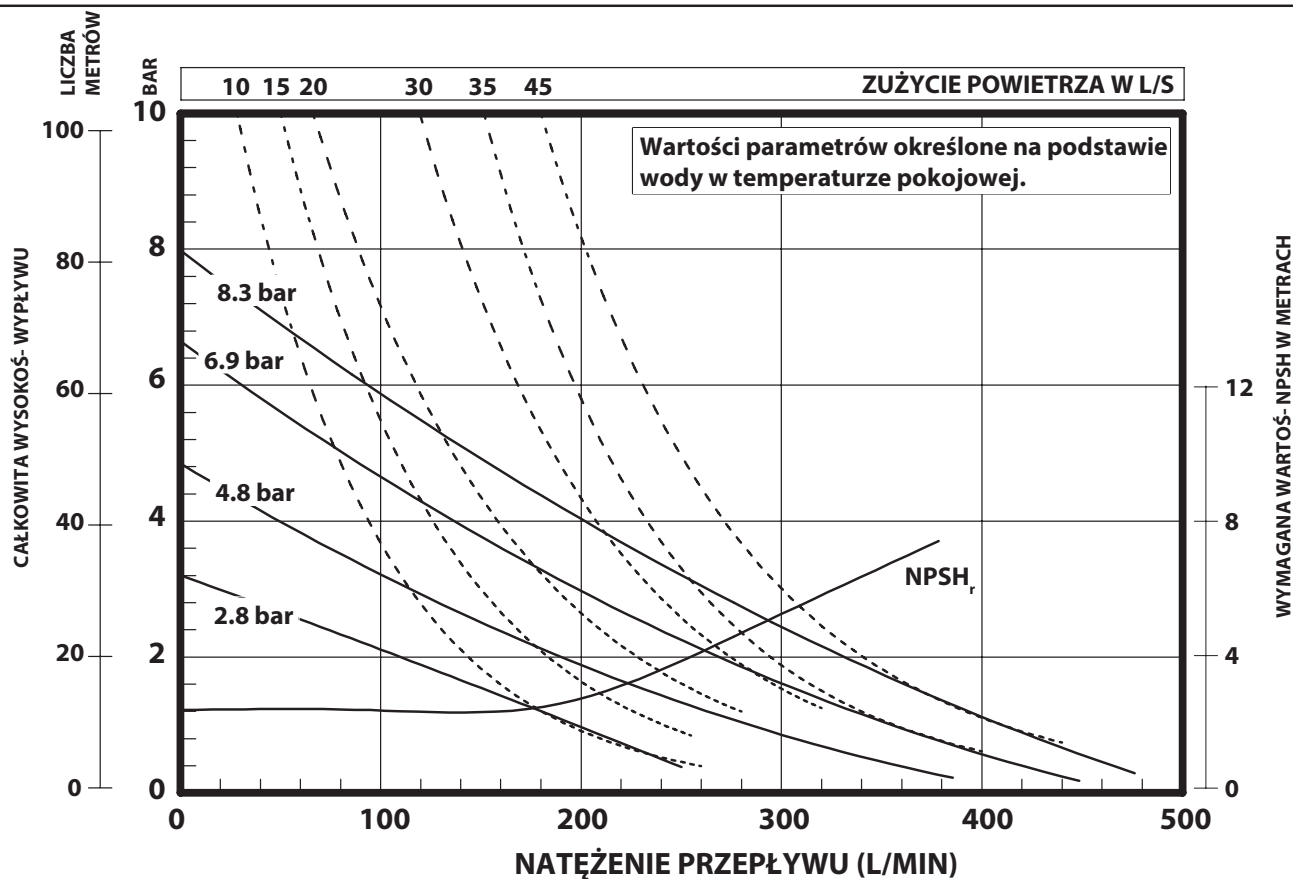
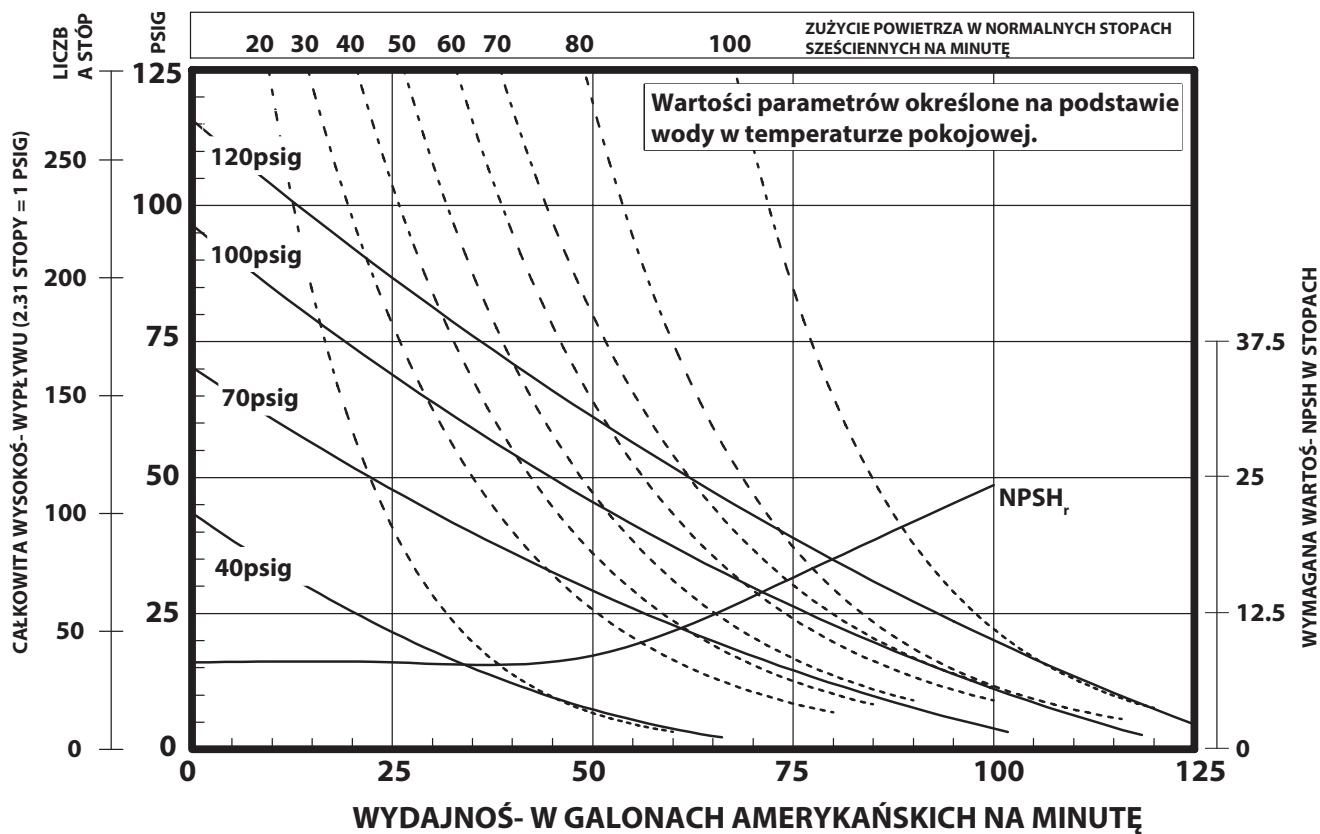
WYMIARY

A - patrz niżej
B - 18-3/8" (466.7mm)
C - 11-3/4" (298.5mm)
D - 2-3/4" (69.9mm)
E - patrz niżej
F - 10-1/4" (260.4mm)
G - 19-5/8" (498.1mm)
H - 9" (228.6mm)
J - 10" (254.0mm)
K - 1/2" (12.7mm)
L - patrz niżej
M - 1/4" (6.4mm)
N - 9-11/16" (246.0mm)
P - patrz niżej
Q - patrz niżej
R - 21-7/16" (543.9mm)
S - patrz niżej

	"A"	"L"	"P"	"Q"	"S"	"E"
PX15X-X <u>A</u> X-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15 <u>A</u> -XXX-XXX 14-1/32" (356.2 mm)
PX15X-X <u>C</u> X-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 <u>B</u> -XXX-XXX 11-3/32" (281.3 mm)
PX15X-X <u>H</u> X-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 <u>S</u> -XXX-XXX 13-7/8" (352.4 mm)
PX15X-A <u>S</u> X-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-B <u>S</u> X-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-Y <u>S</u> X-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

CHARAKTERYSTYKI PRACY

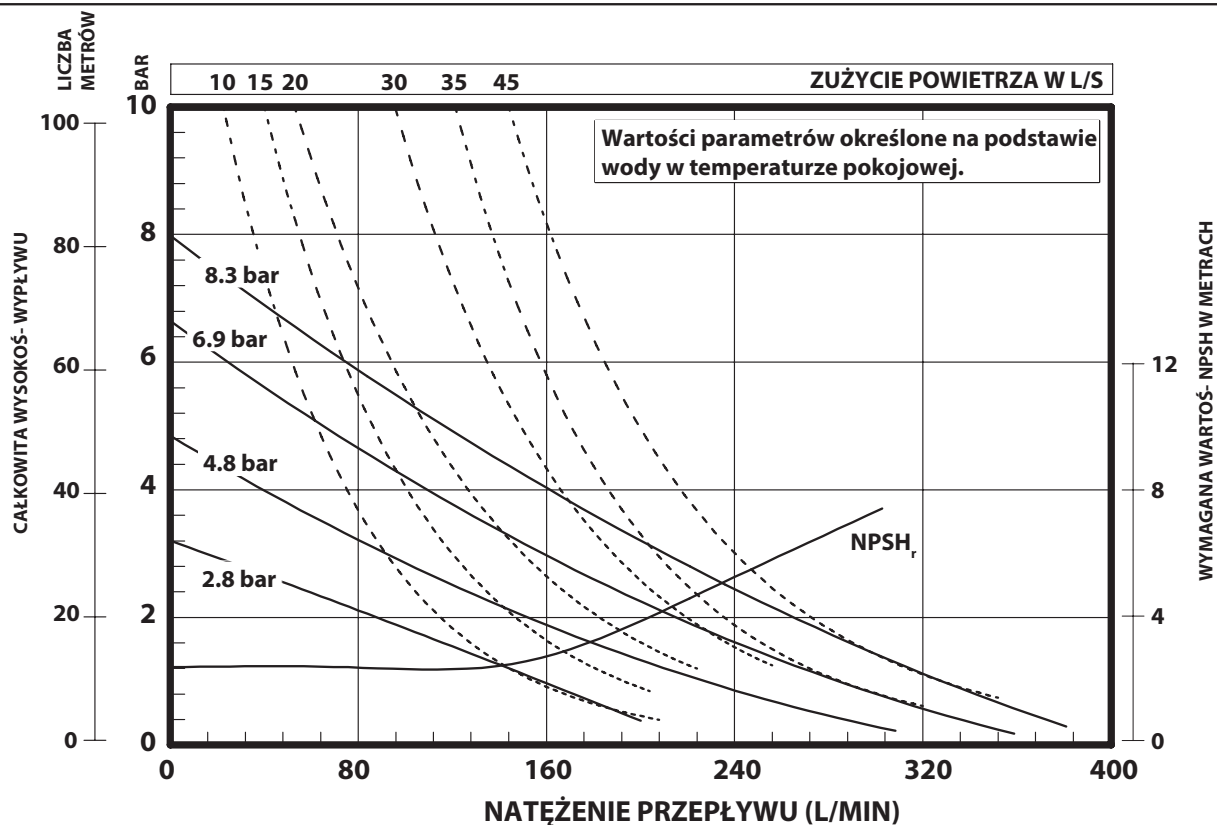
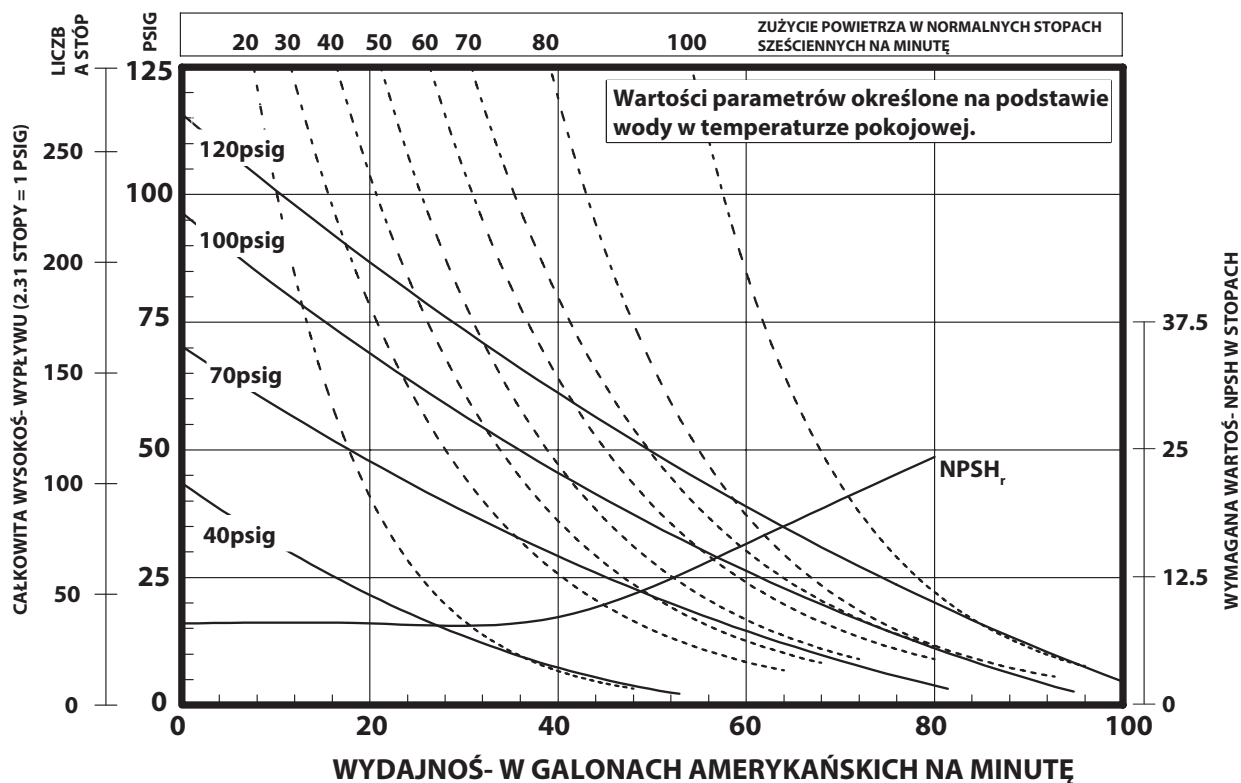
METALOWA POMPA MEMBRANOWA 1-1/2 CALA PX15X-XXX-XXX



WSKAZAŁKA: Wydajność sprawdzona przy użyciu przeponowego zaworu zwrotnego typu 95845.

CHARAKTERYSTYKI PRACY

METALOWA POMPA MEMBRANOWA 1-1/2 CALA PE15X-XXX-XXX-XXEX I PE15X-XXX-XXX-XXFX



WSKAZÁŁKA: Wydajność sprawdzona przy użyciu przeponowego zaworu zwrotnego typu 95845.

ДАННЫЕ ДЛЯ СБЫТА И ИНЖЕНЕРНЫЕ ДАННЫЕ

PD15X-XXX-XXX, PE15X-XXX-XXX И PZ15X-XXX-XXX

МЕТАЛЛИЧЕСКИЙ МЕМБРАННЫЙ НАСОС, 1-1/2 ДЮЙМА

ПЕРЕДАТОЧНОЕ ОТНОШЕНИЕ СЕРИИ:	1:1
ДИАПАЗОН ДАВЛЕНИЙ ЖИДКОСТИ, ФУНТЫ/КВ. ДЮЙМ ИЗБ.:	20 - 120
ДАТА ВЫПУСКА:	1-20-15
ПЕРЕСМОТРЕННЫЙ:	5-20-22
(REV: C)	S-1584

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

КОНСТРУКЦИЯ

Серия модели	PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX
Тип насоса.	металлический пневматический двухмембранный
Передающее отношение	1:1
Впускное/выпускное отверстие для материала (с внутренней резьбой)	
PX15X-AXX-XXX	1-1/2 - 11-1/2 NPTF - 1
PX15X-BXX-XXX	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X-УХХ-XXX	1-1/2" ANSI / DIN Фланец
Воздухозаборник (женщины)	1/2 - 14 NPT
Воздухоотвод (женщины)	3/4 - 14 NPT
Масса	
PX15R-XAX-XXX	37,65 lbs (17,08 kgs)
PX15R-XCX-XXX	73,2 lbs (33,2 kgs)
PX15R-XHX-XXX	86,9 lbs (39,4 kgs)
PX15R-XXS-XXX	61,2 lbs (27,8 kgs)
Добавьте 2,14 кг (0,97) для алюминиевой Секции воздушного мотора	
Добавьте 18,14 кг (8,23) для секции Мотор воздушного из нержавеющей стали	
Комплект для технического обслуживания пневматической части	637389
Майор воздушный клапан в сборе	637390-X
Комплект для технического обслуживания жидкостной части	637375-XX

PX15X-XXX-X

637375-X

Материал мембраны

Материал шарового клапана

ПРИМЕР: Модель #PD15S-ASS-SAA

Комплект для технического обслуживания жидкостной части 637375-AA

РАБОЧИЕ ХАРАКТЕРИСТИКИ

Диапазон давлений в воздухоприемнике	4 - 8.3. бара (20 -120 фунтов/кв. дюйм изб.)
Максимальное давление материала на входе	0.69 бара (10 фунтов/кв. дюйм изб.)
Диапазон давления жидкости. . .	1.4 - 8.3. бара (20 -120 фунтов/кв. дюйм изб.)
Максимальный расход (затопленное впускное отверстие)	465.6 л/мин (123 галлона/мин)
Рабочий объем/цикл при 6.9 бара	2.34 л (0.617 галлона)
Максимальный размер частиц . . .	диаметр 6.4 мм (1/4 дюйма)
Максимальные температурные пределы (материал мембран/ шаровых клапанов/гнезд)	
ЭПК/ЭПДМ	-51° до 138° C (-60° до 280° F)
Hytrel®	-29° до 82° C (-20° до 180° F)
Нитрил	12° до 82° C (-10° до 180° F)
Полипропилен	0° до 79° C (32° до 175° F)
Santoprene®	-40° до 107° C (-40° до 225° F)
ПТФЭ	4° до 107° C (40° до 225° F)
Viton®	-40° до 177° C (-40° до 350° F)
Уровень шума при 4.8 бара - 60 циклов/мин. . .	82.8 dB(A) ^①

① ровень звукового давления насоса пересмотрен согласно «Эквивалентному постоянному уровню звука» (LAeq), что соответствует указаниям ANSI S1. 13-1971, CAGI-PNEUROP S5.1 при использовании четырех микрофонов.

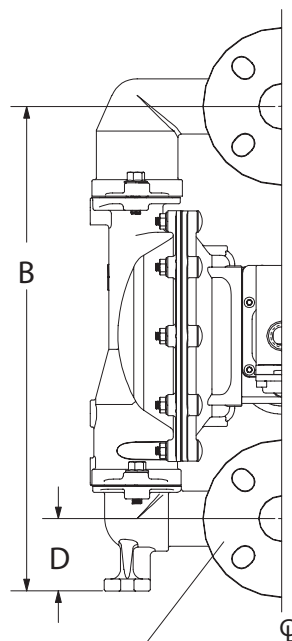
ПРИМЕЧАНИЕ: Производительность проверена с использованием диафрагменного обратного клапана 95845.

РАЗМЕРЫ

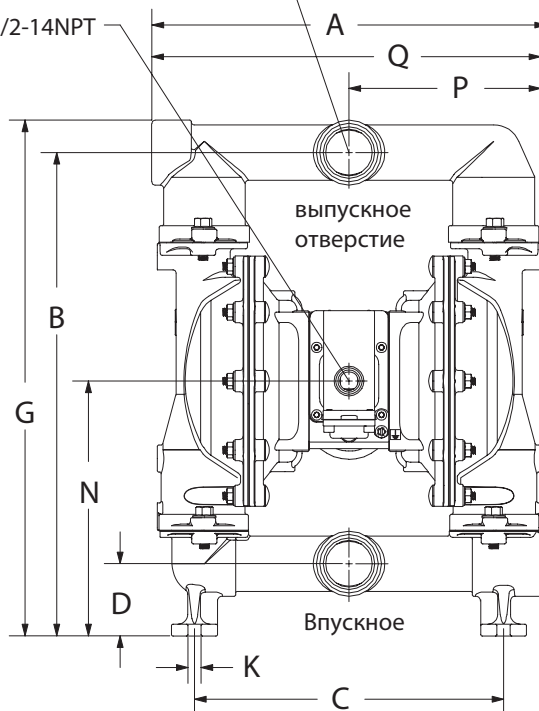
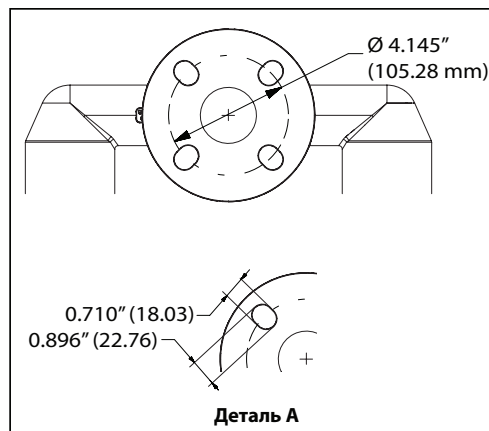
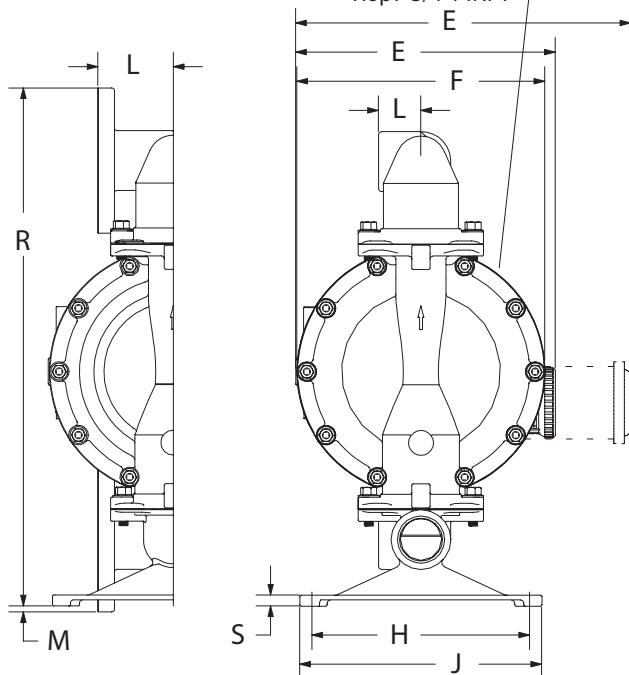
1-1/2 - 11-1/2 NPTF - 1 (PX15X-AXX-XXX)

Rp 1-1/2 (1-1/2 - 11 BSP) (PX15X-BXX-XXX)

Воздухоприемник 1/2-14NPT

1-1/2" ANSI/Фланец DIN
(PX15X-YXX-XXX)

См. Деталь А

Выхлопное отверстие
Порт 3/4-14NPT

Деталь А

РАЗМЕРЫ ОБОРУДОВАНИЯ

А - см далее

В - 18-3/8" (466.7 mm)

С - 11-3/4" (298.5 mm)

D - 2-3/4" (69.9 mm)

Е - см далее

F - 10-1/4" (260.4 mm)

G - 19-5/8" (498.1 mm)

Н - 9" (228.6 mm)

J - 10" (254.0 mm)

K - 1/2" (12.7 mm)

L - см далее

M - 1/4" (6.4 mm)

N - 9-11/16" (246.0 mm)

P - см далее

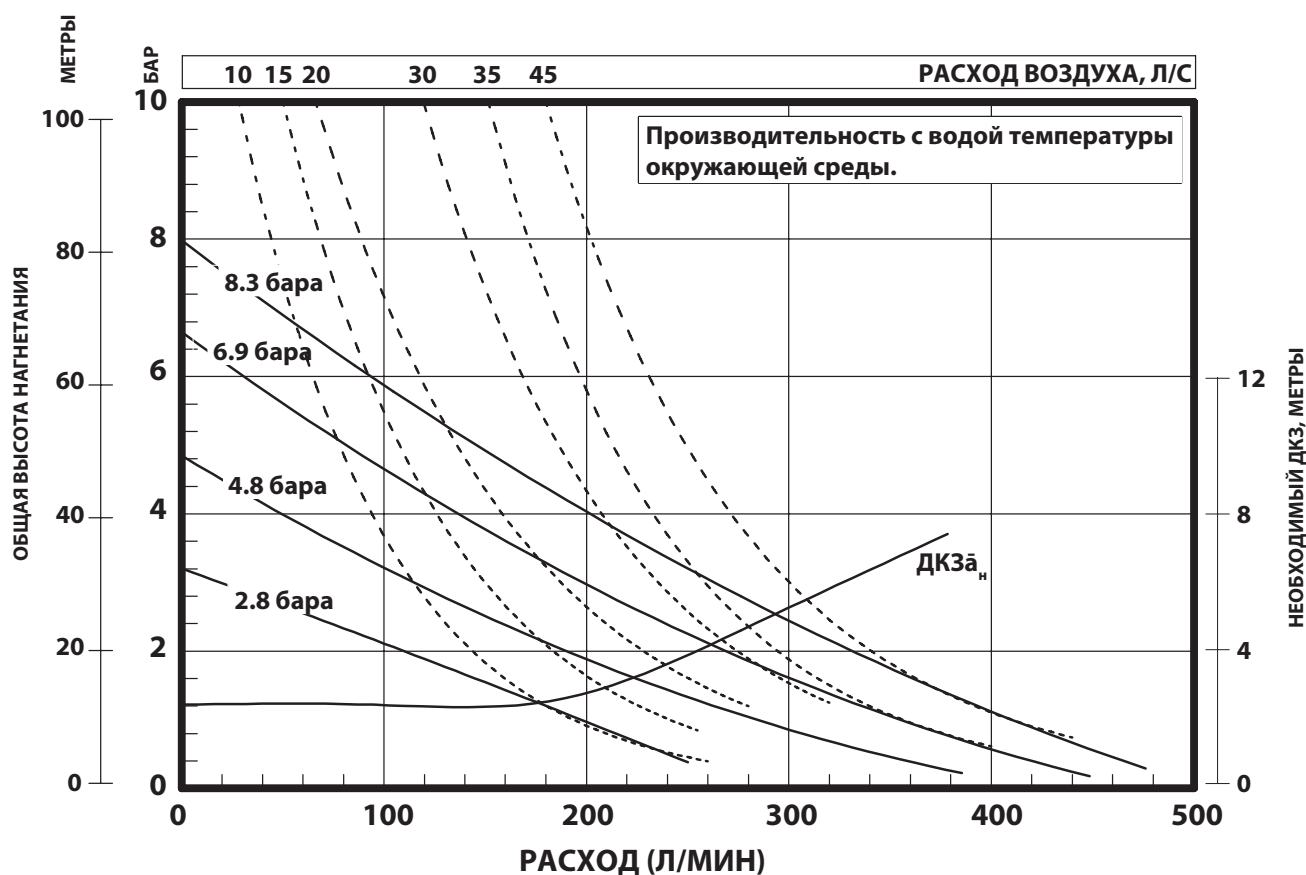
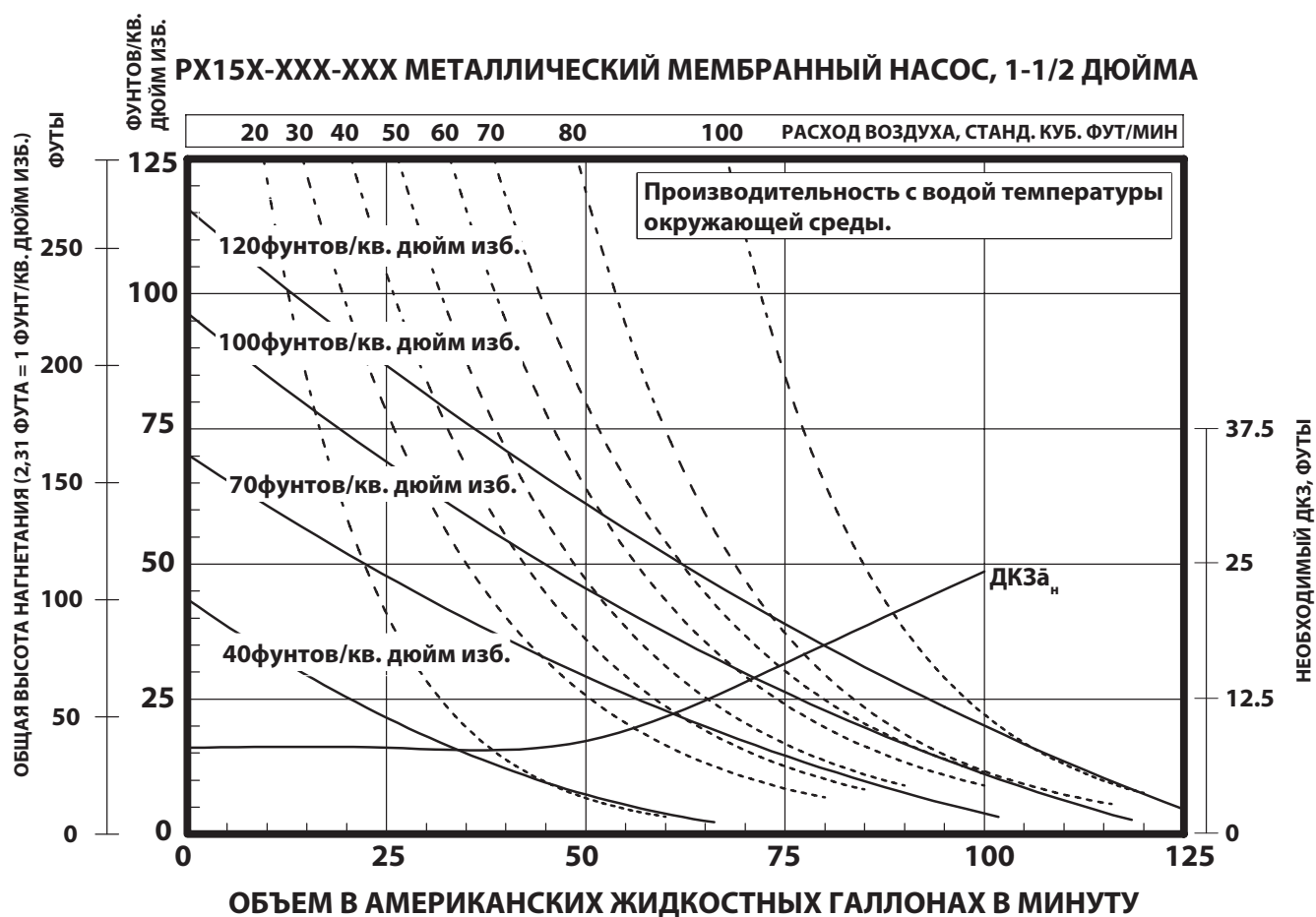
Q - см далее

R - 21-7/16" (543.9 mm)

S - см далее

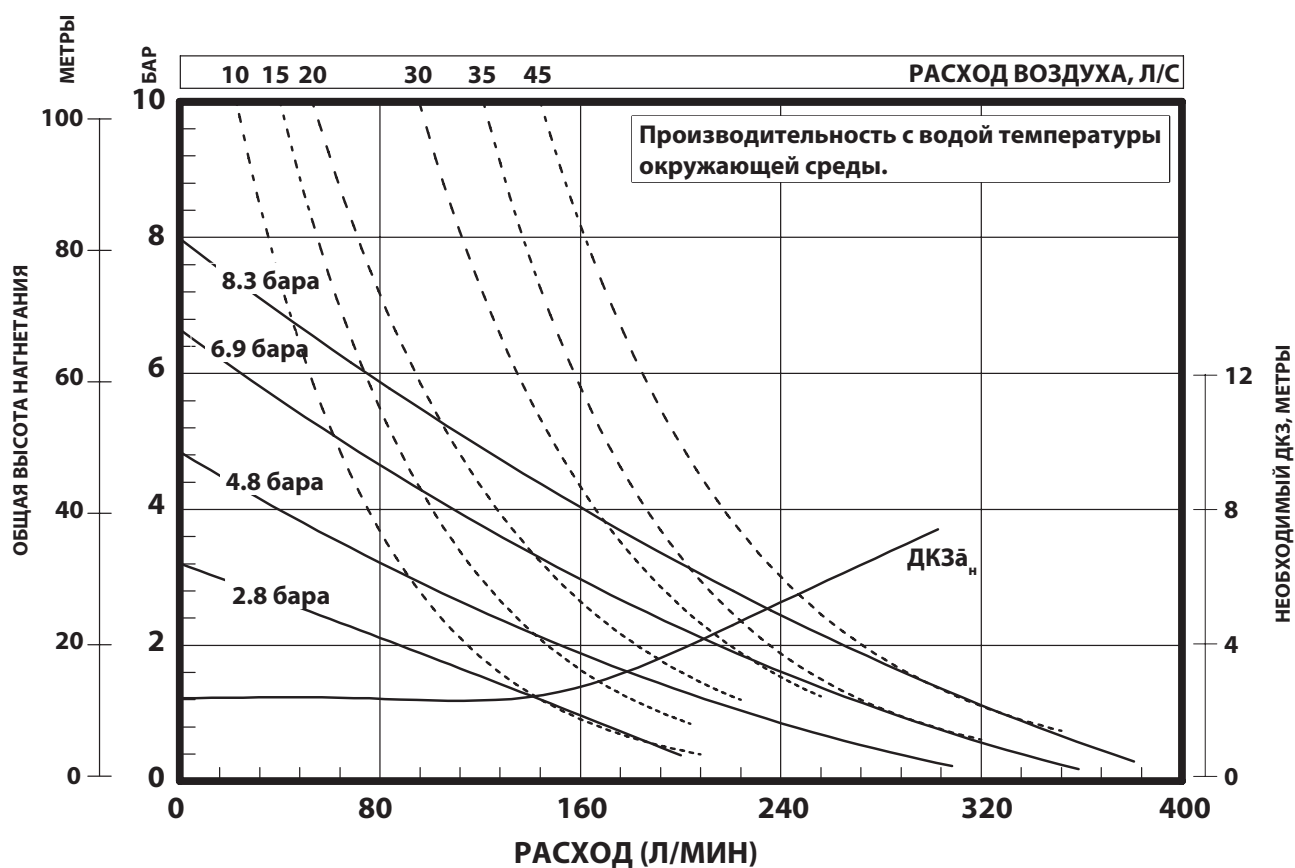
	"А"	"L"	"P"	"Q"	"S"	"E"
PX15X-XAX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15A-XXX-XXX 14-1/32" (356.2 mm)
PX15X-XCX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15B-XXX-XXX 11-3/32" (281.3 mm)
PX15X-XHX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15S-XXX-XXX 13-7/8" (352.4 mm)
PX15X-ASX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-BSX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-YSX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

КРИВАЯ ЭФФЕКТИВНОСТИ



ПРИМЕЧАНИЕ: Производительность проверена с использованием диафрагменного обратного клапана 95845.

CURVE DELLE PRESTAZIONI



ПРИМЕЧАНИЕ: Производительность проверена с использованием диафрагменного обратного клапана 95845.

销售和工程数

PD15X-XXX-XXX, PE15X-XXX-XXX 和 PZ15X-XXX-XXX 1-1/2" 金属隔膜泵

比率 系列:	1:1
流体PSIG 范围:	20 - 120
发布日期:	1-20-15
修订:	5-20-22
(版本: C)	S-1584

规格

结构	性能
型号系列 PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX	进气口压力范围 20 - 120 psig (1.4 - 8.3 bar)
泵型 金属、气动、双隔膜	最大进料压力 10 psig (0.69 bar)
比率 1:1	流体压力范围 20 - 120 psig (1.4 - 8.3 bar)
进料口/出料口 (内螺纹)	最大流速 (灌注) 123 gpm (465.6 lpm)
PX15X- <u>A</u> XX-XXX 1-1/2 - 11-1/2 NPTF - 1	100 psig 0.617 gal. (2.34 lit.) 条件下的排 量/循环
PX15X- <u>B</u> XX-XXX Rp 1-1/2 (1-1/2 - 11 BSP)	最大颗粒尺寸 直径1/4" (6.4 mm)
PX15X- <u>Y</u> XX-XXX 1-1/2" ANSI / DIN 法兰	最大温度极限 (隔膜/球/密封材料)
进气口 (内螺纹) 1/2 - 14 NPT	E.P.R / EPDM -60°至280° F (-51°至138°C)
排气口 (内螺纹) 3/4 - 14 NPT	Hytrel® -20°至180° F (-29°至82° C)
重量.	腈 10°至180° F (-12°至82° C)
PX15R-X <u>A</u> X-XXX 37,65 lbs (17,08 kgs)	聚丙烯 32°至175° F (0°至79° C)
PX15R-X <u>C</u> X-XXX 73,2 lbs (33,2 kgs)	Santoprene® -40°至225° F (-40°至107°C)
PX15R-X <u>H</u> X-XXX 86,9 lbs (39,4 kgs)	PTFE 40°至225° F (4°至107° C)
PX15R-X <u>S</u> X-XXX 61,2 lbs (27,8 kgs)	氟橡胶® -40°至350° F (-40°至177°C)
添加 2.14 千克 (0.97) 铝空气马达节	噪音等级 @ 70 psig - 60 cpm 82.8 dB(A) ^①
对于不锈钢空气电机部分添加 18.14 千克 (8.23)	
空气部分维修套件 637389	① 泵声压级已更新为等效连续声级 (LAeq) 以符合ANSI S1. 13-1971, CAGI- PNEUROP S5.1 规定的用途 (使用四个麦克风位置)。
主要空气阀组件 637390-X	注意事项: 95845隔膜单向阀的性能测试。
流体部分维修套件 637375-XX	

PX15X-XXX-XXX

6374375-XXX

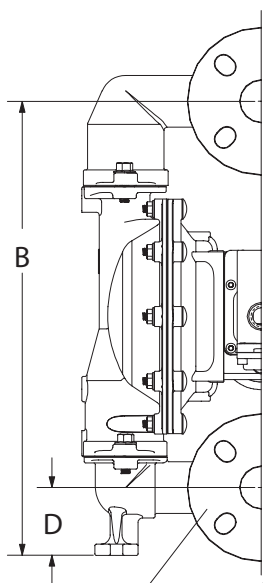
隔膜材料
阀球材料

示例: 型号 #PD15S-ASS-SAA
流体部分维修套件是637375-AA

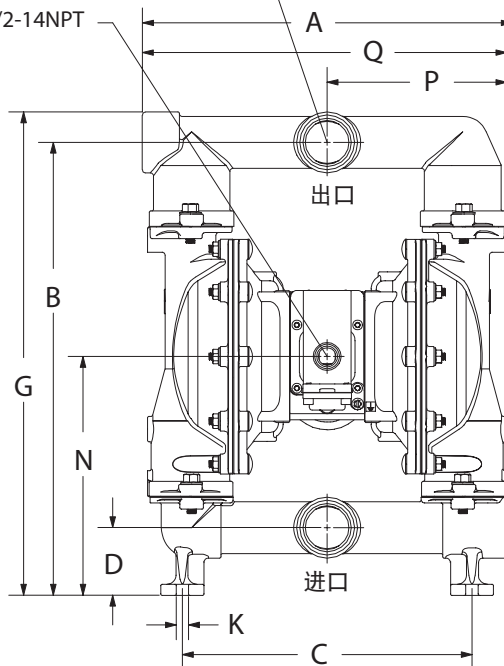
尺寸数据

1-1/2" - 11-1/2" NPTF - 1 (PX15X-AXX-XXX)
Rp 1-1/2" (1-1/2" - 11" BSP) (PX15X-BXX-XXX)

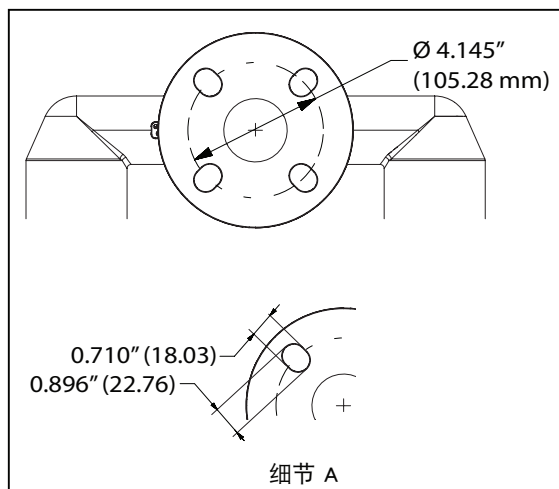
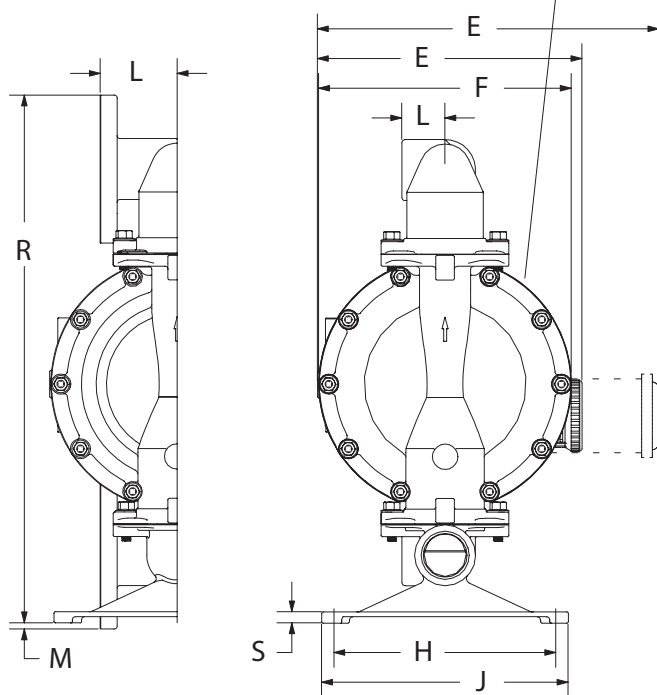
进气口 1/2-14NPT



1-1/2" ANSI/法兰 DIN
(PX15X-YXX-XXX)
见细节 A



排气口 3/4-14NPT



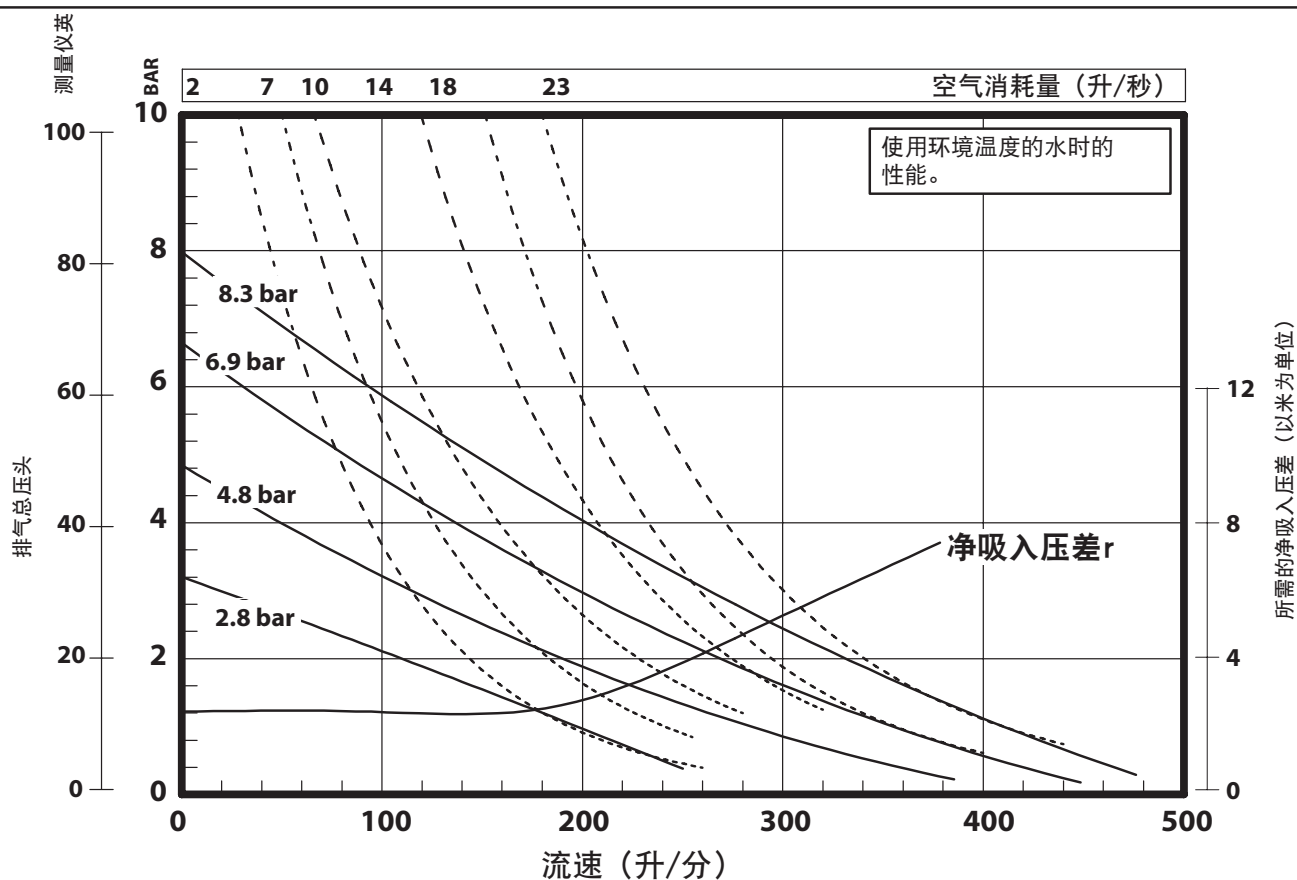
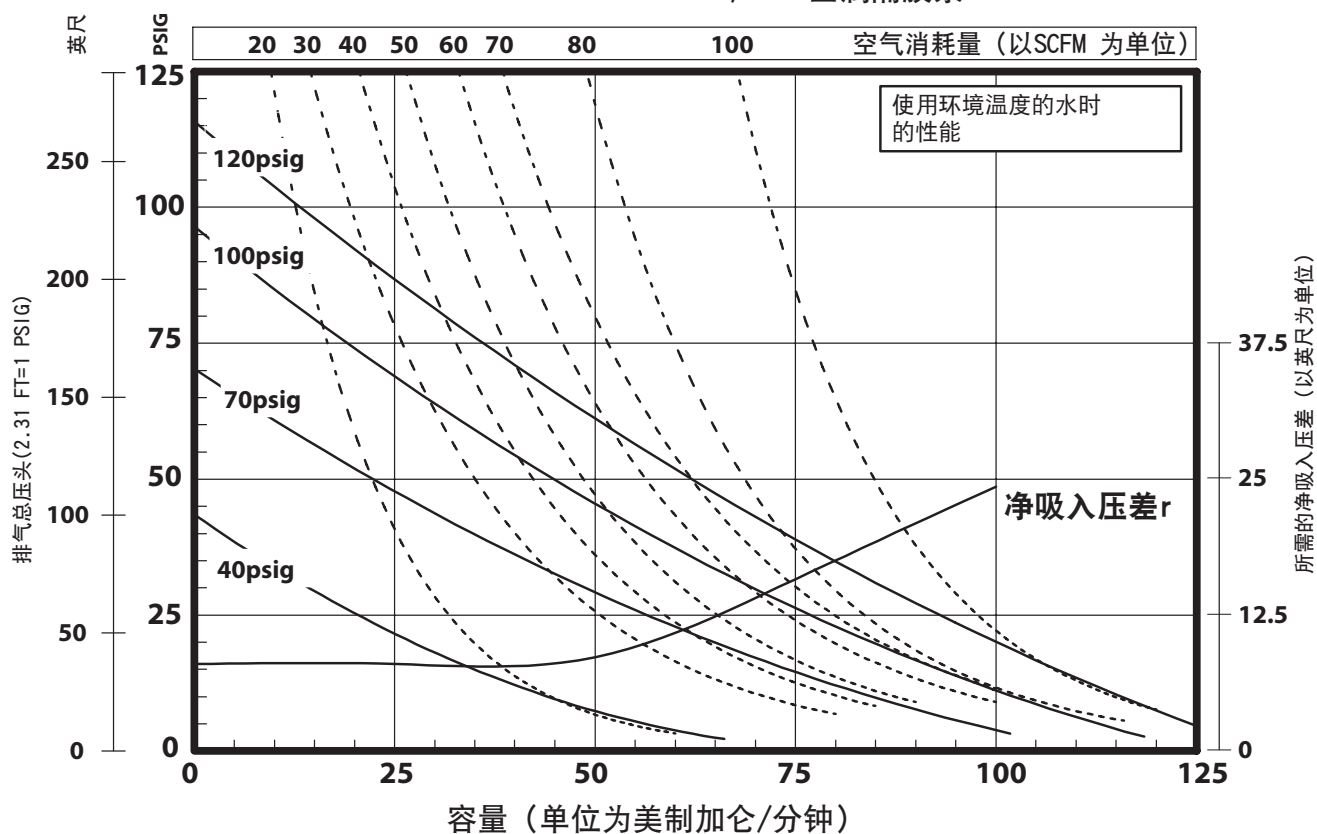
尺寸

A - 见下文	E - 见下文	J - 10"(254.0 mm)	N - 9-11/16" (246.0 mm)
B - 18-3/8" (466.7 mm)	F - 10-1/4" (260.4 mm)	K - 1/2" (12.7 mm)	P - 见下文
C - 11-3/4" (298.5 mm)	G - 19-5/8" (498.1 mm)	L - 见下文	Q - 见下文
D - 2-3/4" (69.9 mm)	H - 9" (228.6 mm)	M - 1/4" (6.4 mm)	R - 21-7/16" (543.9 mm)
			S - 见下文

	"A"	"L"	"P"	"Q"	"S"	"E"
PX15X-XAX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15A-XXX-XXX 14-1/32" (356.2 mm)
PX15X-XCX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15B-XXX-XXX 11-3/32" (281.3 mm)
PX15X-XHX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15S-XXX-XXX 13-7/8" (352.4 mm)
PX15X-ASX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-BSX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-YSX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

性能曲线

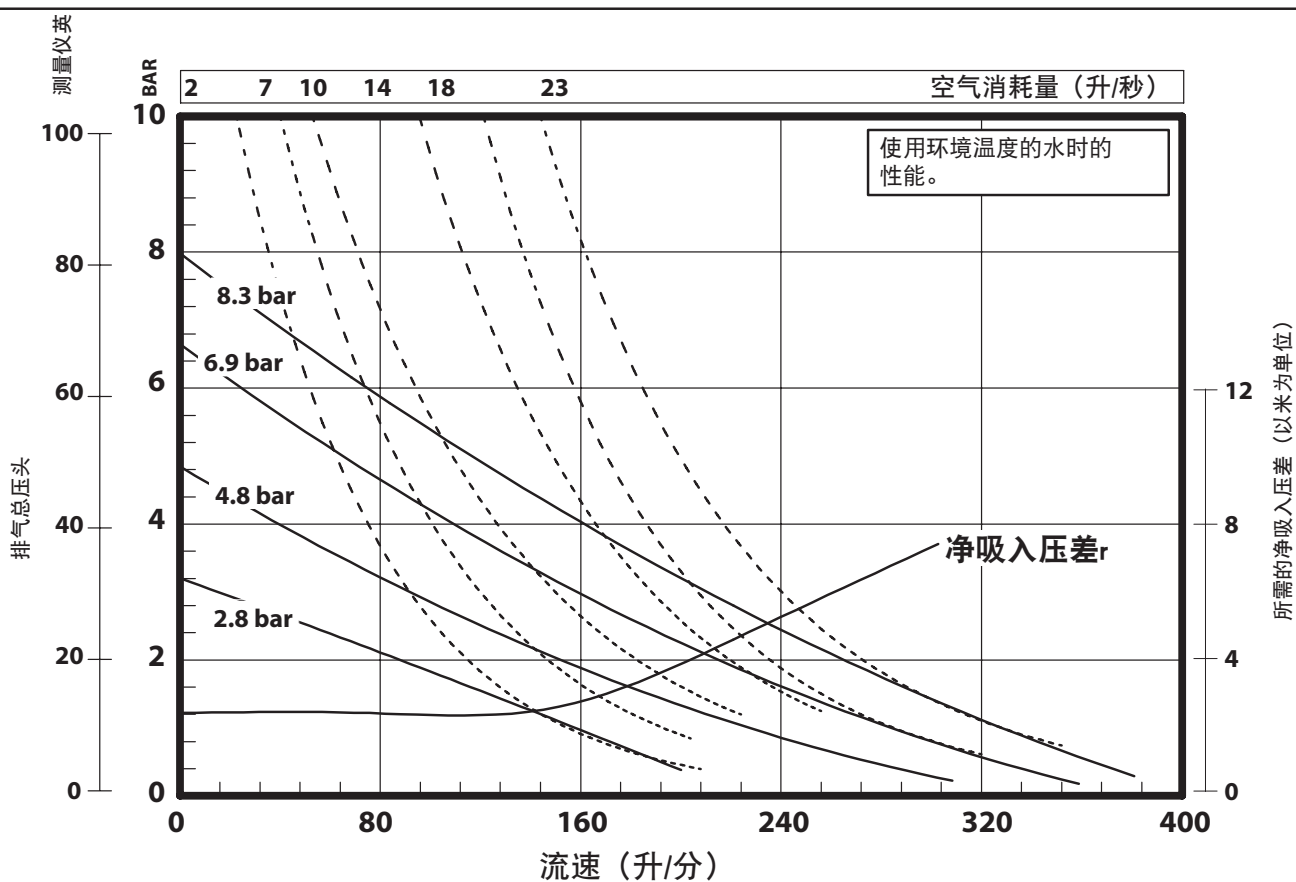
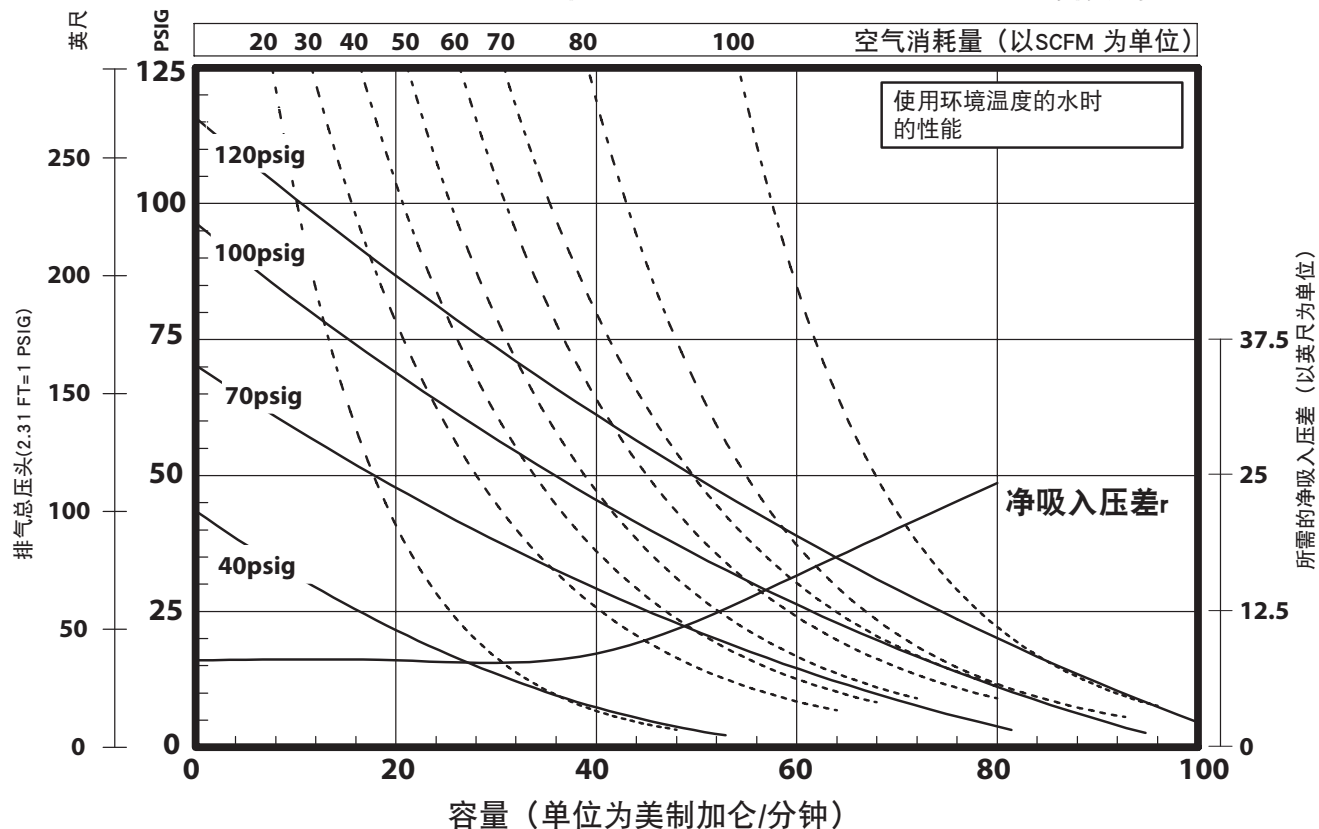
PX15X-XXX-XXX 1-1/2" 金属隔膜泵



注意事项: 95845隔膜单向阀的性能测试。

性能曲线

PE15X-XXX-XXX-XXEX 和 PE15X-XXX-XXX-XXFX 1-1/2" 金属隔膜泵



注意事项: 95845隔膜单向阀的性能测试。

セールスそしてエンジニアリングデー

PD15X-XXX-XXX, PE15X-XXX-XXX そして
PZ15X-XXX-XXX

1-1/2" メタリックダイヤフラムポンプ

比率 シリーズ:	1:1
流体PSIGレン ジ:	20 - 120
リリース:	1-20-15
改訂:	5-20-22
(REV: C)	S-1584

仕様

構造	性能
モデルシリーズ..... PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX	吸気口圧力範囲..... 20 - 120 psig (1.4 - 8.3 バール) 最大吸入圧 10 psig (0.69 バール) 流体圧力範囲 20 - 120 psig (1.4 - 8.3 バール) 最大フローレート (flooded inlet) .. 123 gpm (465.6 lpm) サイクルあたりの変位@ 100 psig 0.617 ガロン (2.34 リットル) 通過物質の最大寸法 直径 1/4" (6.4 mm) 最大温度制限 (ダイヤフラム/ ボール/ シート素材)
ポンプタイプ メタリック、空気式、 ダブルダイヤフラム	E.P.R. / EPDM -60° から 280° F (-51° から 138° C) ハイトレル® -20° から 180° F (-29° から 82° C) ニトリル 10° から 180° F (-12° から 82° C) ポリプロピレン 32° から 175° F (0° から 79° C) サントプレーン® -40° から 225° F (-40° から 107° C) PTFE 40° から 225° F (4° から 107° C) パイトン® -40° から 350° F (-40° から 177° C)
比率 1:1	騒音レベル @ 70 psig - 60 cpm 82.8 dB(A)①
吸入口/ 吐出 (メス) PX15X-AXX-XXX 1-1/2 - 11-1/2 NPTF - 1 PX15X-BXX-XXX Rp 1-1/2 (1-1/2 - 11 BSP) PX15X-YXX-XXX 1-1/2" ANSI / DIN フランジ	① ANSI S1の趣旨に適合するよう、ポンプ音圧レベルは等価騒音レベル (LA _{eq}) への表記に変更しました。13-1971, CAGI-PNEUROP S5.1 は4つのマイク位置を使用。
給気口 (メス) 1/2 - 14 NPT	備考: 95845 ダイヤフラムチェックバルブで性能試験済み。
排気口 (メス) 3/4 - 14 NPT	
重量 PX15R-XAX-XXX 37,65 lbs (17,08 kg) PX15R-XCX-XXX 73,2 lbs (33,2 kg) PX15R-XHX-XXX 86,9 lbs (39,4 kg) PX15R-XXS-XXX 61,2 lbs (27,8 kg) 2.14 kg (0.97) アルミニウム空気モーター セクションを追加します。 ステンレス鋼空気モーター セクション 18.14 kg (8.23) を追加 します。	
エアセクションサービスキット ... 637389	
主要な空気弁アセンブリ 637390-X	
流体セクションサービスキット ... 637375-XX	

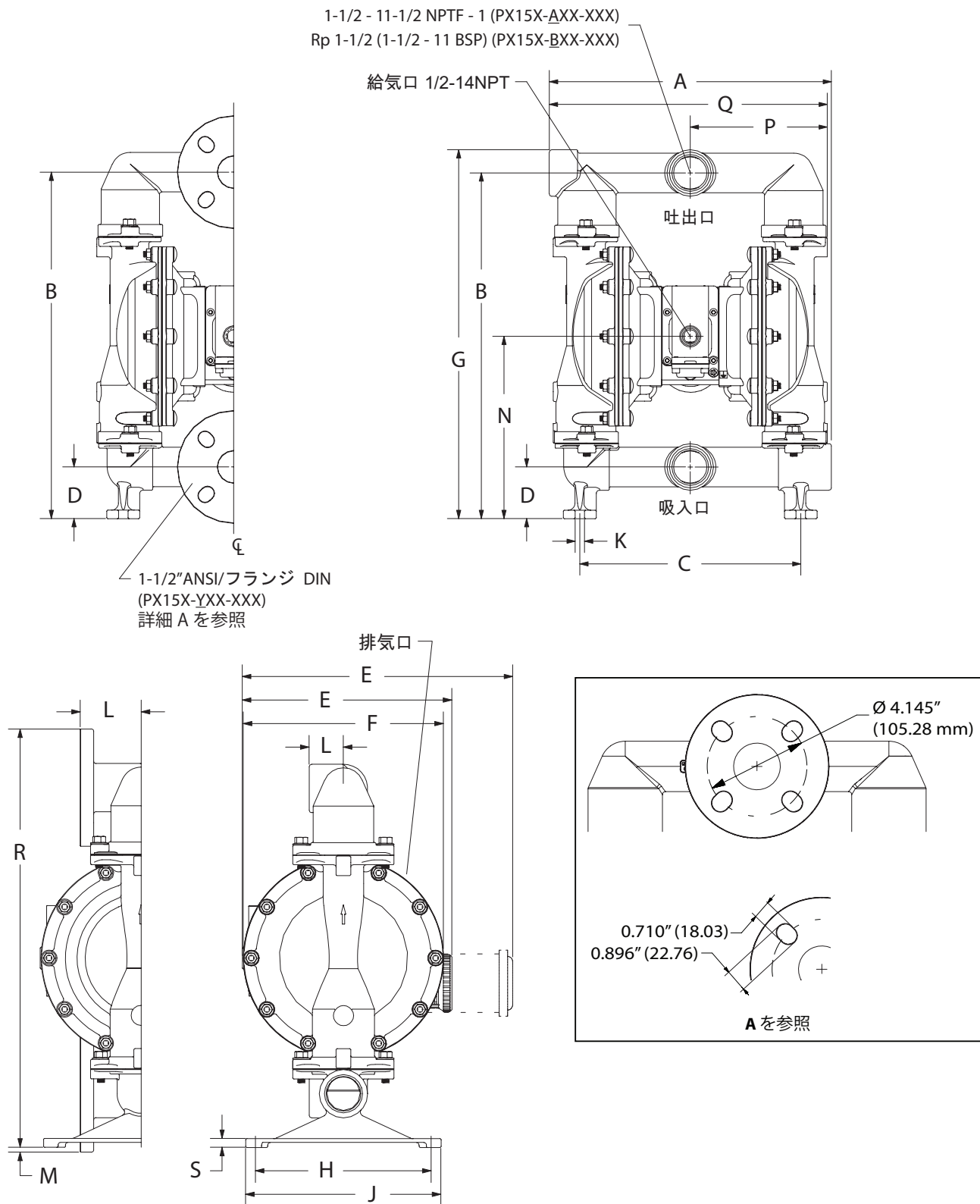
PX15X-XXX-X

637375 -X

ダイヤフラム材料
ボール材料

例: モデル#PD15S-ASS-SAA
流体セクションサービスキットは637375-AA

寸法データ



A - 下記参照
B - 18-3/8" (466.7 mm)
C - 11-3/4" (298.5 mm)
D - 2-3/4" (69.9 mm)

E - 下記参照
F - 10-1/4" (260.4 mm)
G - 19-5/8" (498.1 mm)
H - 9" (228.6 mm)

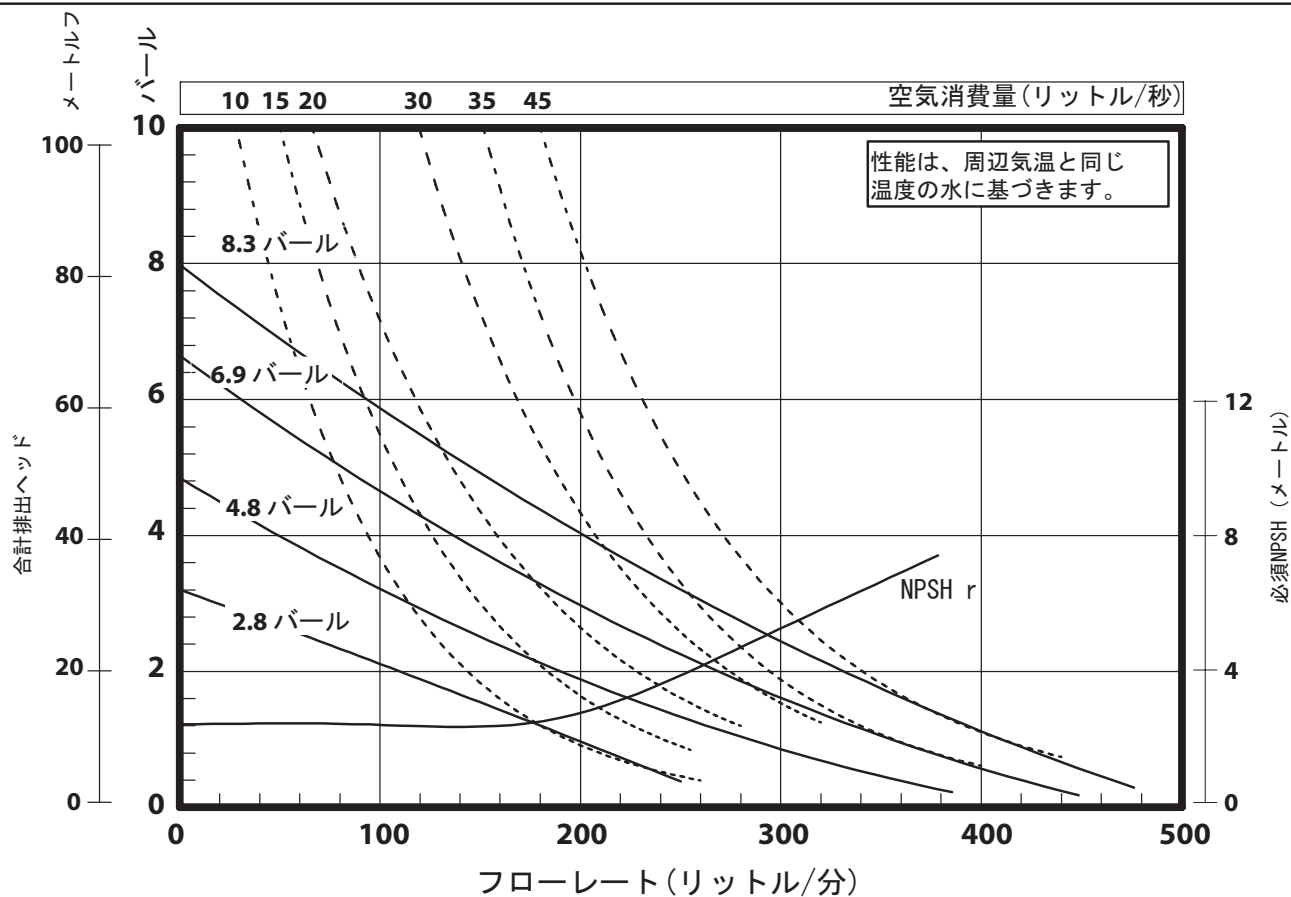
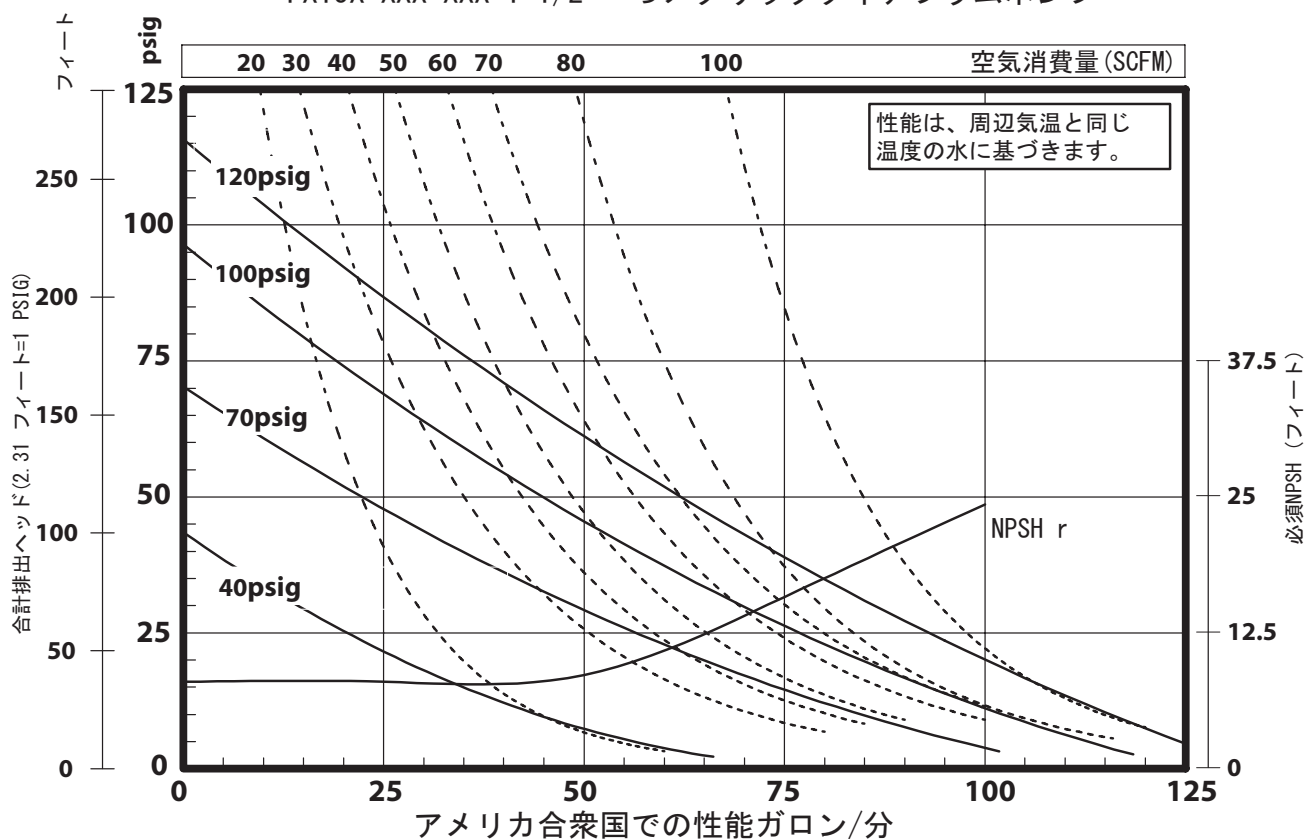
J - 10" (254.0 mm)
K - 1/2" (12.7 mm)
L - 下記参照
M - 1/4" (6.4 mm)

N - 9-11/16" (246.0 mm)
P - 下記参照
Q - 下記参照
R - 21-7/16" (543.9 mm)
S - 下記参照

	"A"	"L"	"P"	"Q"	"S"		"E"
PX15X- <u>A</u> XX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15 <u>A</u> -XXX-XXX	14-1/32" (356.2 mm)
PX15X- <u>C</u> XX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 <u>B</u> -XXX-XXX	11-3/32" (281.3 mm)
PX15X- <u>H</u> XX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15 <u>S</u> -XXX-XXX	13-7/8" (352.4 mm)
PX15X- <u>A</u> SX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)		
PX15X- <u>B</u> SX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)		
PX15X- <u>Y</u> SX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)		

性能曲線

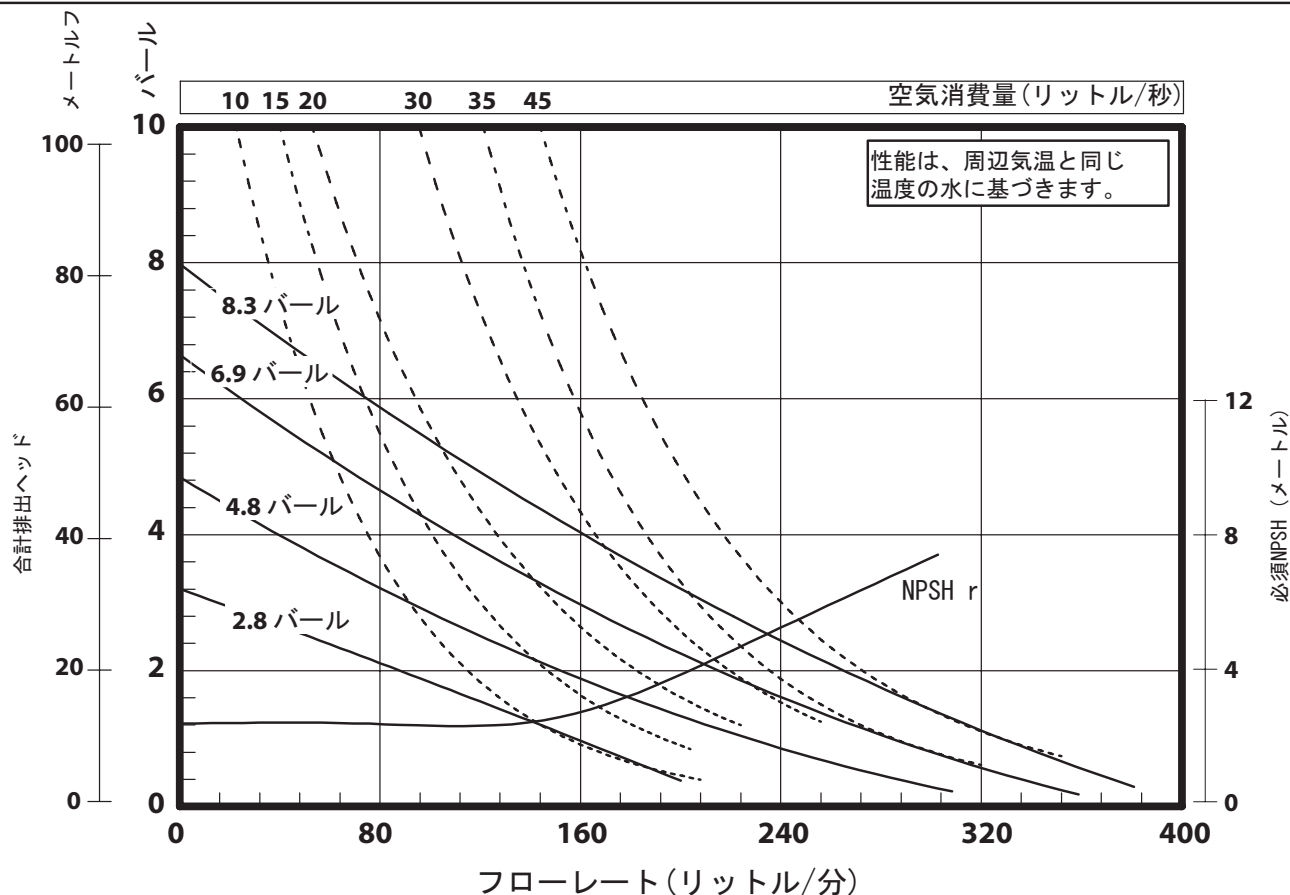
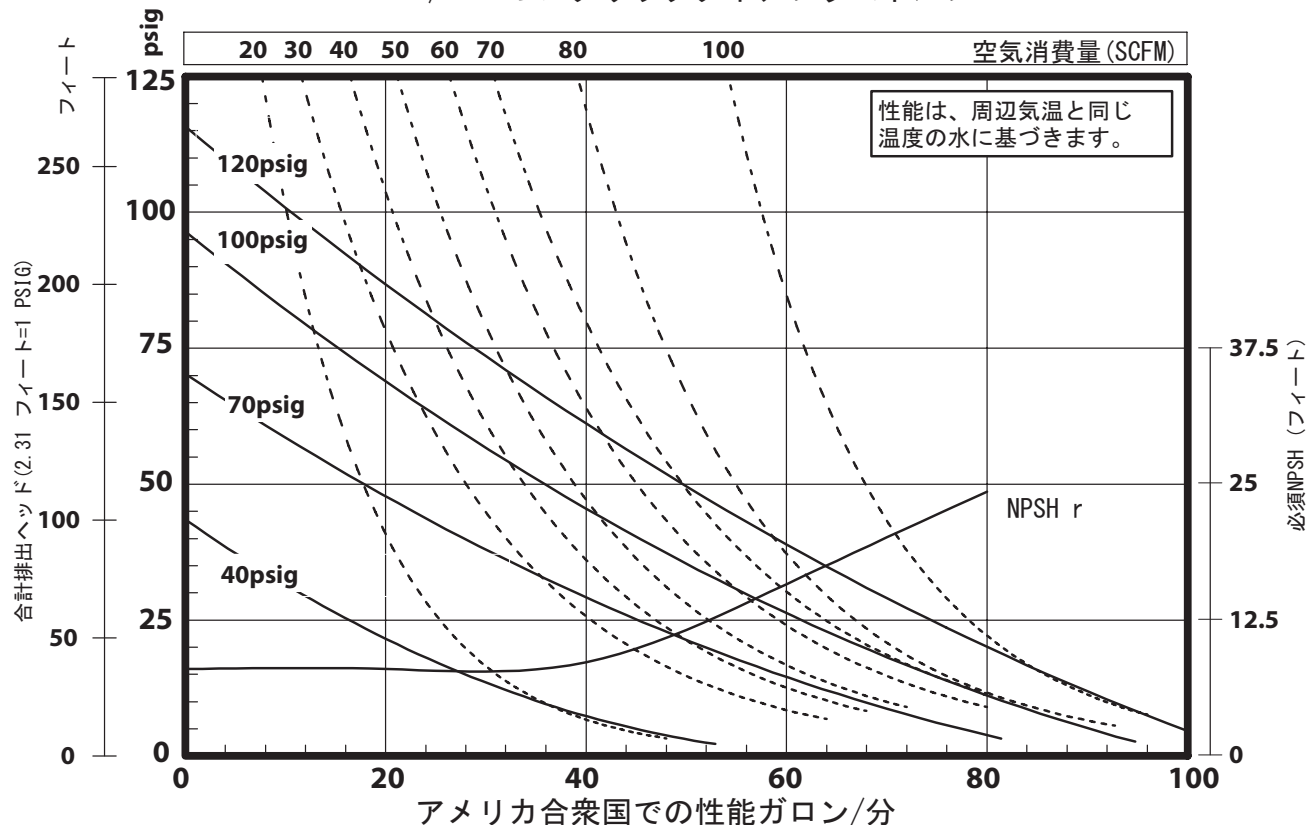
PX15X-XXX-XXX 1-1/2' ッメタリックダイヤフラムポンプ



備考: 95845 ダイアフラムチェックバルブで性能試験済み。

性能曲線

PE15X-XXX-XXX-XXEX および PE15X-XXX-XXX-XXFX
1-1/2' ッメタリックダイヤフラムポンプ



備考: 95845 ダイヤフラムチェックバルブで性能試験済み。

영업 및 엔지니어링 데이터

PD15X-XXX-XXX, PE15X-XXX-XXX 및 PZ15X-XXX-XXX 1-1/2" 금속성 격막 펌프

비율 시리즈:	1:1
용액 범위:	PSIG 20 - 120
출시:	1-20-15
개정:	5-20-22
(개정: C)	S-1584

규격

구조	
모델 시리즈	PD15X-XXX-XXX PE15X-XXX-XXX PZ15X-XXX-XXX
펌프 종류	금속 공기 작동 금속 이중 격막
비율	1:1
재료 흡입구/배출구 (암)	
PX15X-AXX-XXX	1-1/2 - 11-1/2 NPTF - 1
PX15X-BXX-XXX	Rp 1-1/2 (1-1/2 - 11 BSP)
PX15X-YXX-XXX	1-1/2" ANSI / DIN 플랜지
공기 흡입구 (암)	3/4 - 14 NPT
무게	
PX15R-XAX-XXX	37,65 lbs (17,08 kgs)
PX15R-XCX-XXX	73,2 lbs (33,2 kgs)
PX15R-XHX-XXX	86,9 lbs (39,4 kgs)
PX15R-XXS-XXX	61,2 lbs (27,8 kgs)
	알루미늄 공기 모터 섹션 2.14 파운드 (0.97 kg) 추가
	스테인레스 스틸에 어 모터 섹션 18.14 파운드 (8.23 킬로그 램)를 추가
공기 부분 서비스 키트	637389
주요 공기 밸브 어셈블리	637390-X
용액 부분 서비스 키트	637375-XX

성능

공기 흡입구 압력 범위	20 - 120 psig (1.4 - 8.3 바)
최대 재료 흡입구 압력	10psig(0.69바)
유체 압력 범위	20 - 120 psig (1.4 - 8.3 바)
최대 유량 (분출 주입)	123 gpm (465.6 lpm)
변위/사이클 (100psig 기준)	0.617 갤런(2.34 리터)
최대 입자 크기	1/4"다이아 (6.4mm)
최대 온도 제한 (격막/구/시트 재료)	
E.P.R./EPDM	-60°~280°F(-51°~138°C)
Hytrel®	-20°~180°F(-29°~82°C)
니트릴	10°~180°F(-12°~82°C)
폴리프로필렌	32°~175°F(0°~79°C)
Santoprene®	-40°~225°F(-40°~107°C)
PTFE	40°~225°F(4°~107°C)
Viton®	-40°~350°F(-40°~177°C)

소음 수준(70psig - 60 cpm 기준) 82.8 dB(A)®

① 펌프 사운드 압력 레벨은 동등 연속 사운드 레벨(LA_{eq})로 업데이트되었습니다. 13이는 4개의 마이크 위치를 이용하여 ANSI S1. -1971, CAGI-PNEUROP S5.1의 목적에 부합하도록 하기 위함입니다.

참조: 95845 다이어그램 확인 밸브로 성능 테스트.

PX15X-XXX-X

637375-X

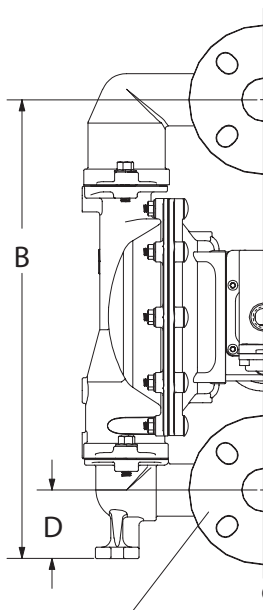
격막 재료
구 재료

예: 모델 번호 PD15S-ASS-SAA
용액 부분 서비스 키트: 637375-AA

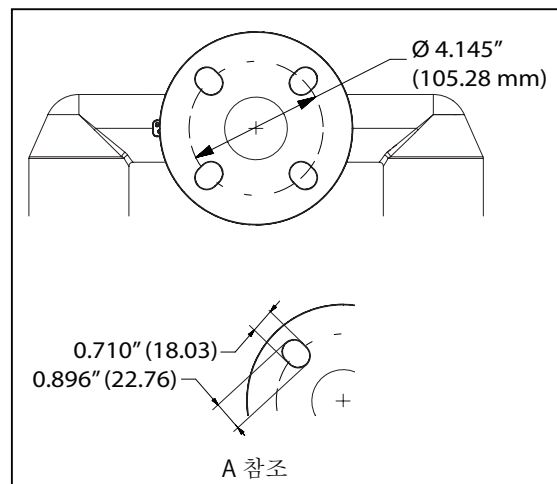
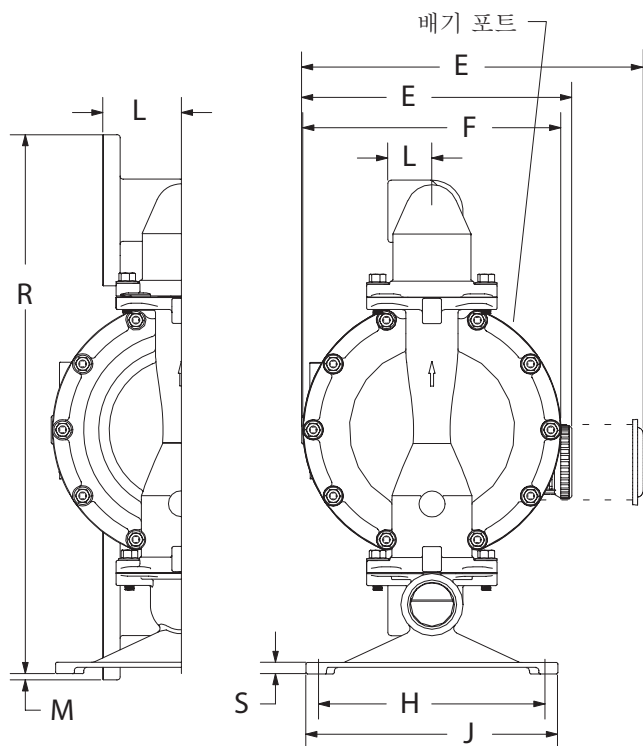
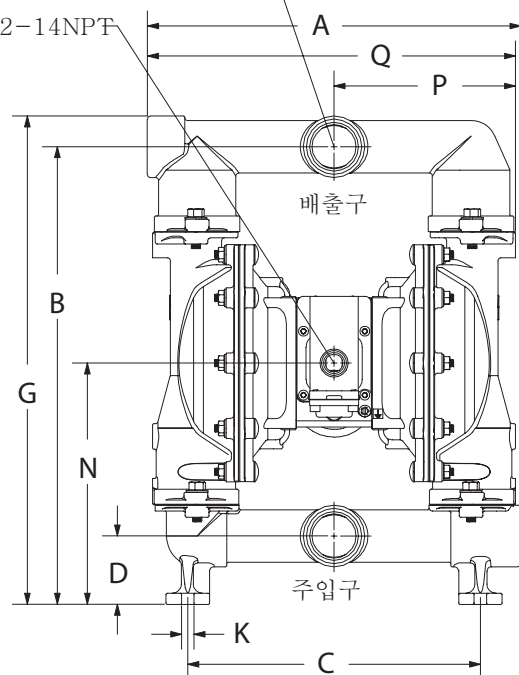
치수 데이터

1-1/2-11-1/2NPTF-1 (PX15X-AXX-XXX)
Rp 1-1/2 (1-1/2 - 11 BSP) (PX15X-BXX-XXX)

공기 입구 1/2-14NPT



1-1/2" ANSI/플랜지 DIN
(PX15X-YXX-XXX)
상세 A 참조



치수

A-아래 참조

B-18-3/8" (466.7mm)

C-11-3/4" (298.5mm)

D-2-3/4" (69.9mm)

E-아래 참조

F-10-1/4" (260.4mm)

G-19-5/8" (498.1mm)

H-9" (228.6mm)

J-10" (254.0mm)

K-1/2" (12.7mm)

L-아래 참조

M-1/4" (6.4mm)

N-9-11/16" (246.0mm)

P-아래 참조

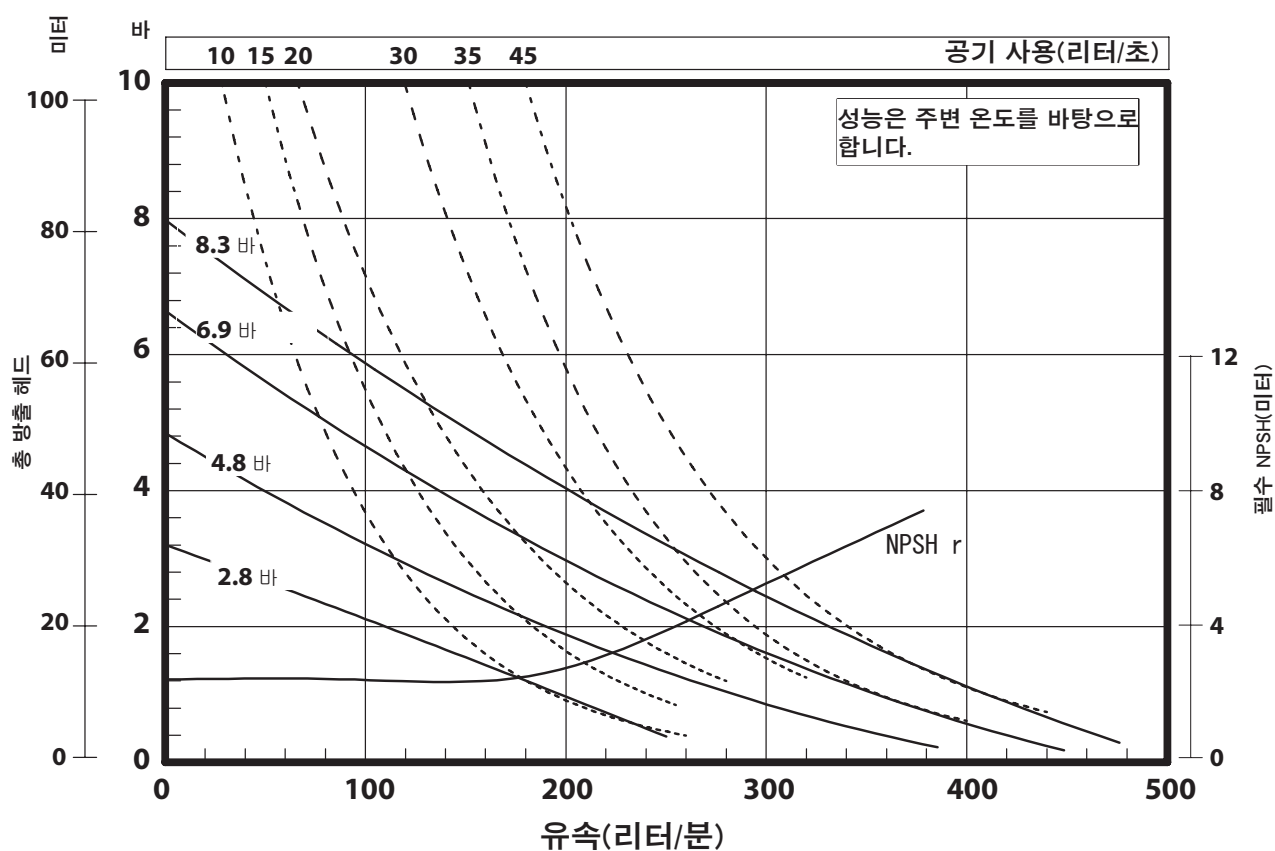
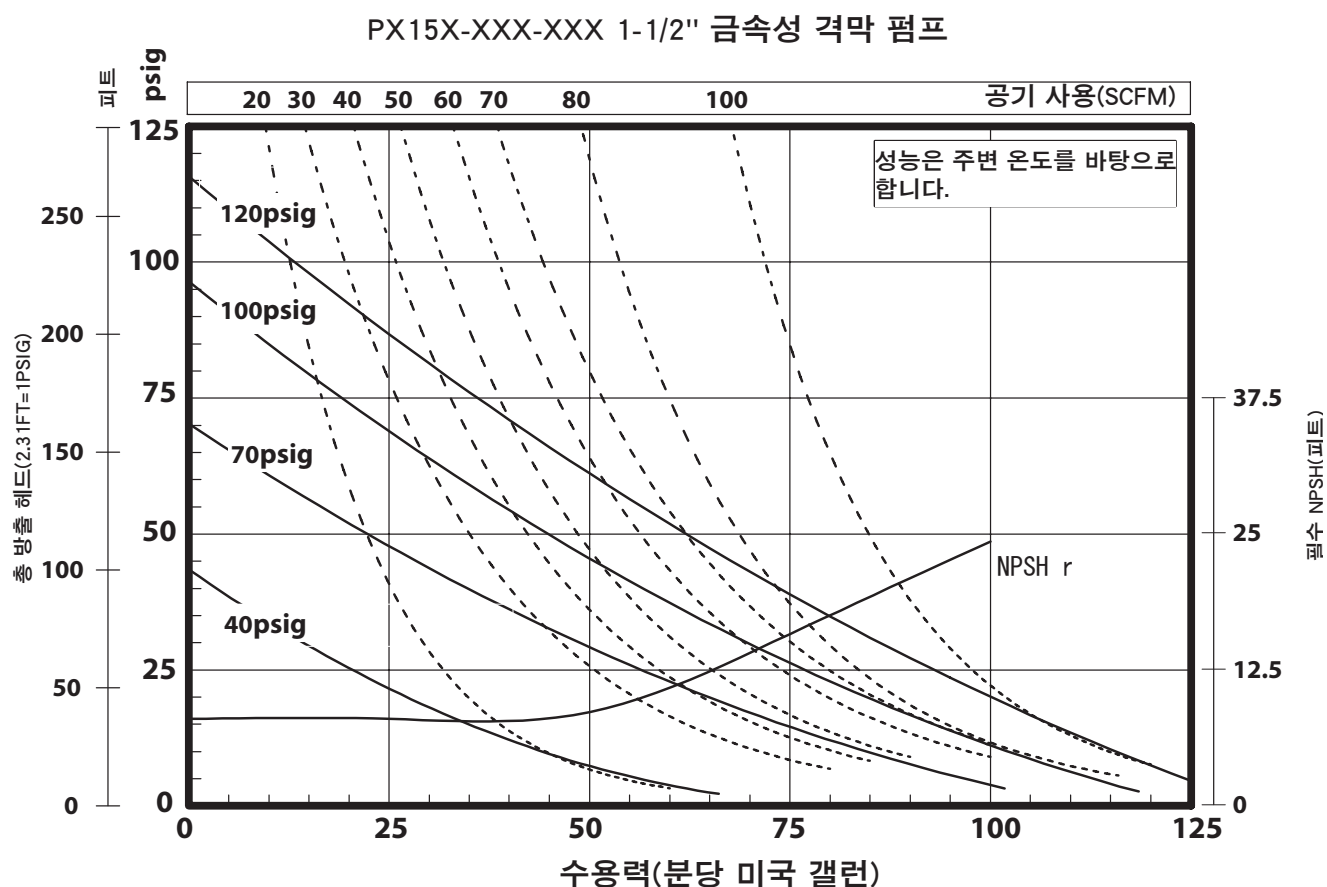
Q-아래 참조

R-21-7/16" (543.9mm)

S-아래 참조

	"A"	"L"	"P"	"Q"	"S"	"E"
PX15X-AXX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)	7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	PX15A-XXX-XXX 14-1/32" (356.2 mm)
PX15X-CCX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15B-XXX-XXX 11-3/32" (281.3 mm)
PX15X-HXX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	PX15S-XXX-XXX 13-7/8" (352.4 mm)
PX15X-ASX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-BXX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)	7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
PX15X-YSX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)	7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

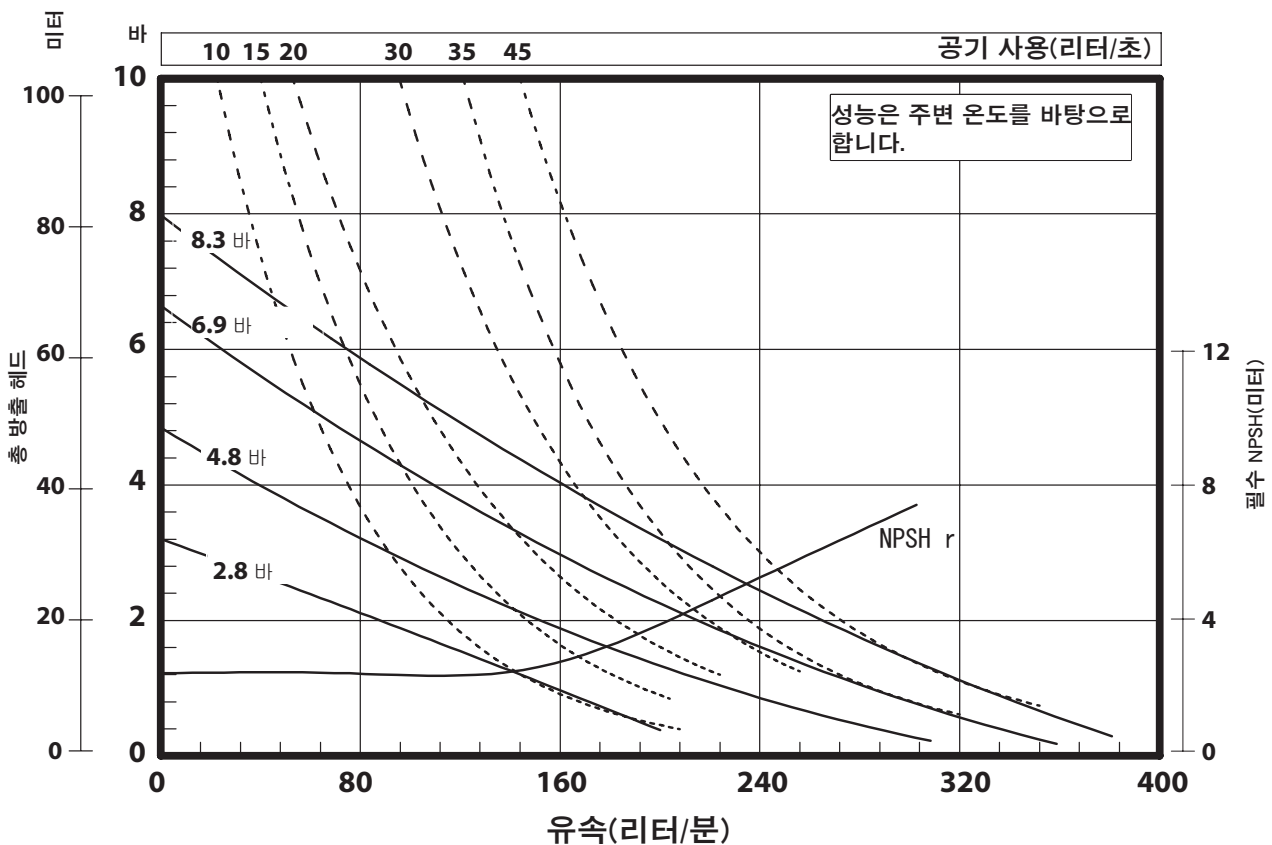
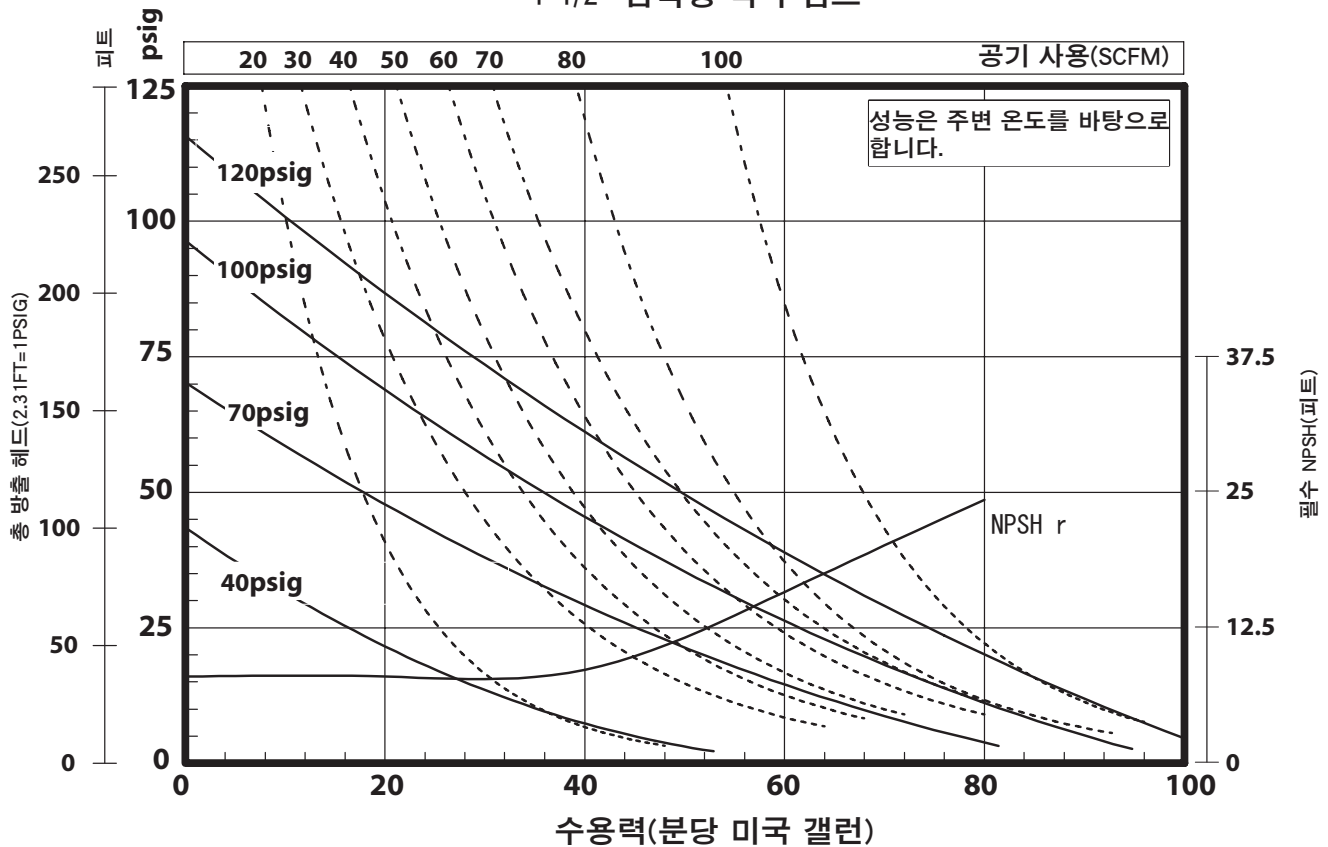
성능 커브



참조: 95845 다이어프램 확인 밸브로 성능 테스트.

성능 커브

PE15X-XXX-XXX-XXEX 및 PE15X-XXX-XXX-XXFX
1-1/2" 금속성 격막 펌프



참조: 95845 다이어그램 확인 밸브로 성능 테스트.