

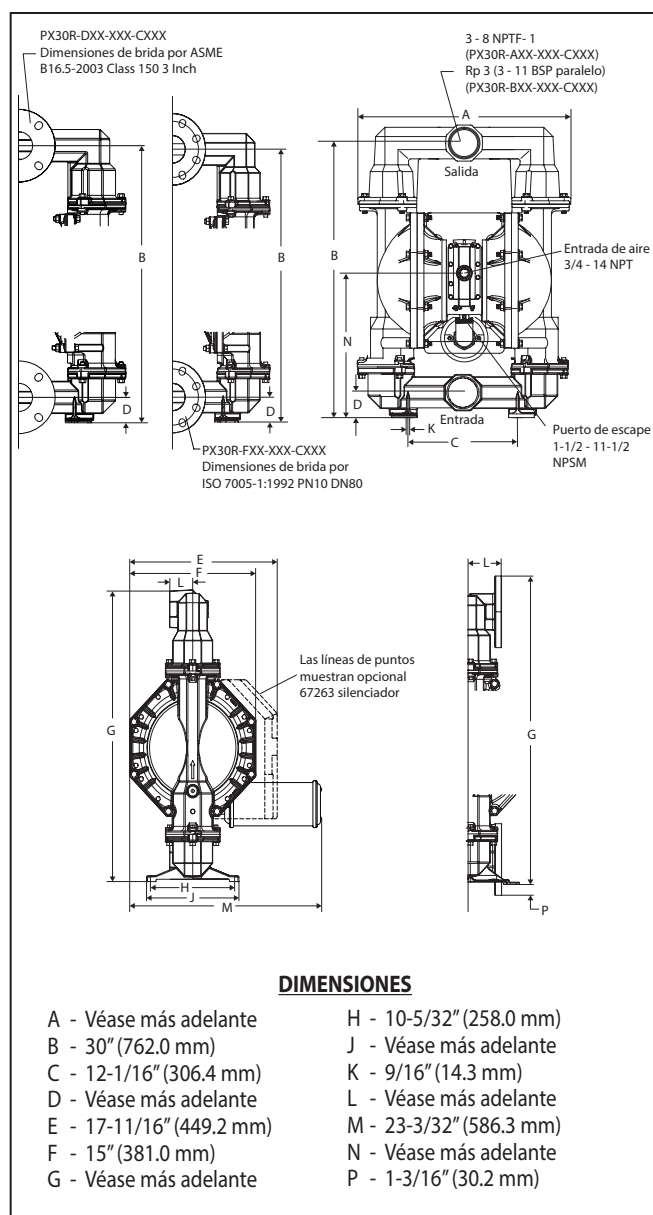
DATOS SOBRE VENTAS E INGENIERÍA

PD30R-XXX-XXX-CXXX E PE30R-XXX-XXX-CXXX BOMBA DE DIAFRAGMA METÁLICA DE 3"

RELACIÓN SERIE:	1:1
RANGO DE PSIG DE FLUIDOS:	20 - 120

PUBLICADO: 1-20-15
REVISADO: 11-30-17
(REV: B) S-1589

DATOS DIMENSIONALES



ACCESORIOS:

66109 kit de conexión de la línea de aire
Kit de escape con puerto 67263
Silenciador 94117

Notas:

- Probado con el conjunto del silenciador 67263 instalado.
- 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.

SPECIFICATIONS

CONSTRUCCIÓN

Serie modelo	PD30R-XXX-XXX-CXXX PE30R-XXX-XXX-CXXX
Tipo de bomba	Metálica, operada por aire, doble diafragma
Relación	1:1
Entrada/Salida del material (hembra)	
PX30R- A XX-XXX-CXXX	3 - 8 NPTF - 1
PX30R- B XX-XXX-CXXX	Rp 3 (3 - 11 BSP paralelo)
PX30R- D XX-XXX-CXXX	3" ANSI Brida (4 Orificios)
PX30R- F XX-XXX-CXXX	3" DIN Brida (8 Orificios)
Entrada de aire (hembra)	3/4 - 14 NPT
Escape de aire (hembra)	1-1/2 - 11-1/2 NPSM
Peso ..	
PX30R- X CX-XXX-CXXX	221.1 lbs (100.3 kgs)
PX30R- A SX-XXX-CXXX, B SX	228.8 lbs (103.8 kgs)
PX30R- F SX-XXX-CXXX, D SX	245.6 lbs (111.4 kgs)
Kit de servicio de la sección de aire	637369
Kit de servicio de la sección de fluidos (Sin Asiento) ..	637303-XX
Kit de servicio de la sección de fluidos (Con Asiento) ..	637303-XXX

Con Asiento	PX30R-XXX-XXX-CXXX	Sin Asiento
637303-XXX		637303-XX
Material del diafragma		Material del diafragma
Material de la bola		Material de la bola
Material del asiento		
EJEMPLO: Modelo #PD30R-ASS-SAA-C		
El kit de servicio de la sección de fluido es 637303-AA (Sin Asiento)		

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)
Rango de presión de la salida del aire ...	20 - 120 psig (1.4 - 8.3 bar)
Caudal máximo	237 gpm (897 lpm)
Entrada inundada	275 gpm (1,041 lpm)
Tamaño máximo de partículas	3/8" de diámetro (9.5 mm)
Límites de temperatura máxima (material del diafragma/bola/asiento)	
E.P.R./EPDM	-60° a 280° F (-51° a 138° C)
Hytrei®	-20° a 180° F (-29° a 82° C)
PVDF (Kynar®)	10° a 200° F (-12° a 93° C)
Nitrilo	10° a 180° F (-12° a 82° C)
Polipropileno	35° a 175° F (2° 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)
Desplazamiento/Ciclo @ 100 psig	2.8 gal. (10.6 lit.)
Nivel de ruido a @ 70 psig - 50 cpm ① ...	83.0 dB(A)②

	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)
PX30X-FXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)

NOTA: las dimensiones se expresan en pulgadas y (mm). Son a título únicamente de referencia y generalmente se las redondea al 1/16 de pulgada más próximo.

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209 NORTH MAIN STREET - BRYAN, OHIO 43506

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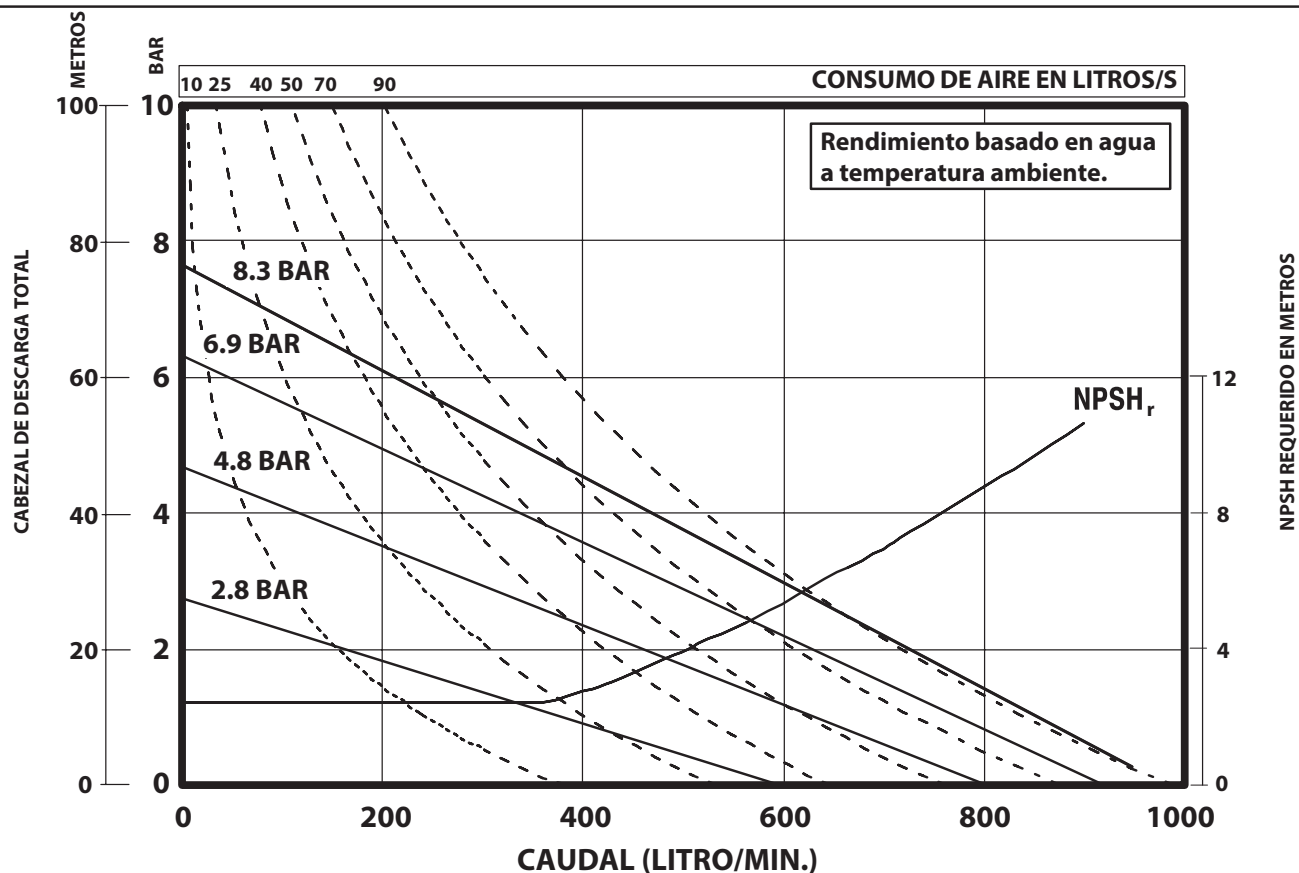
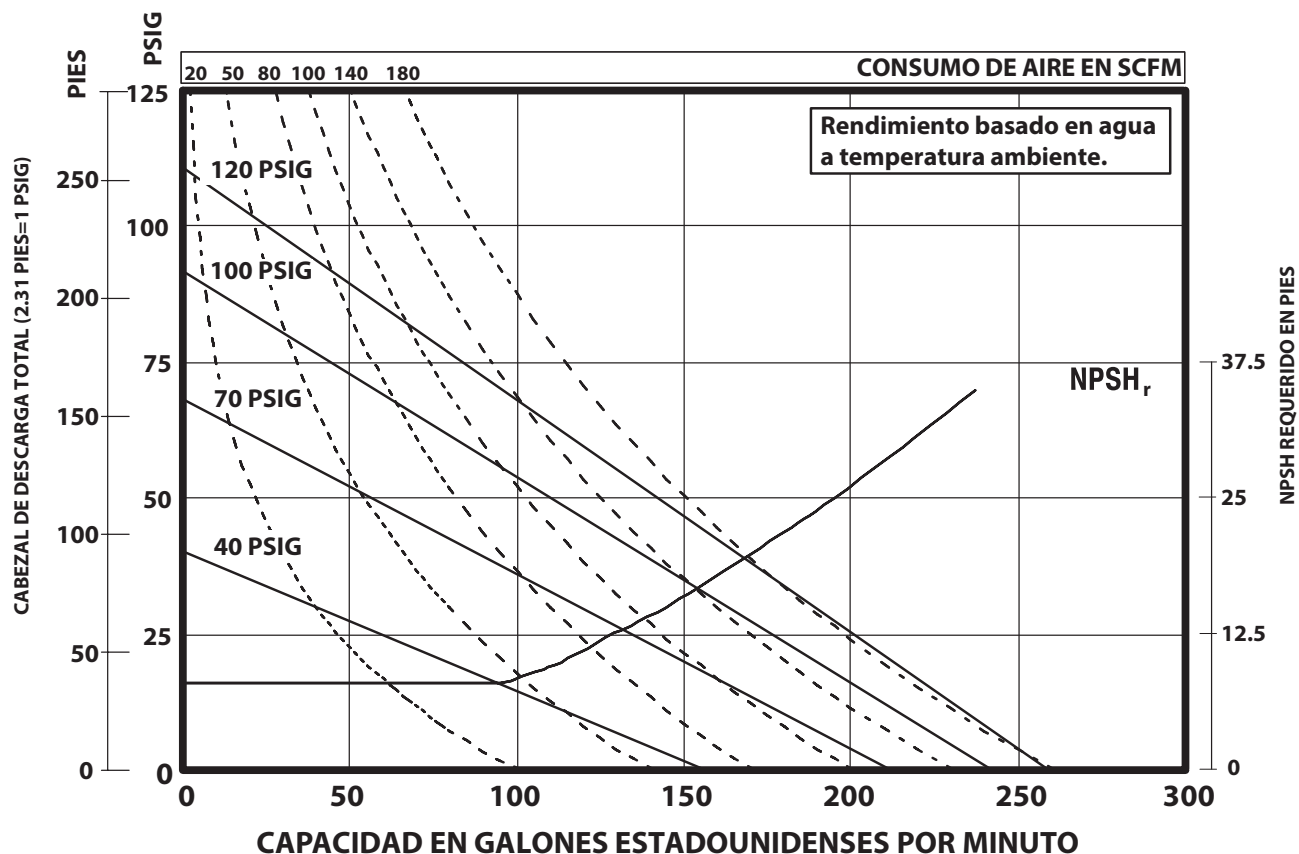
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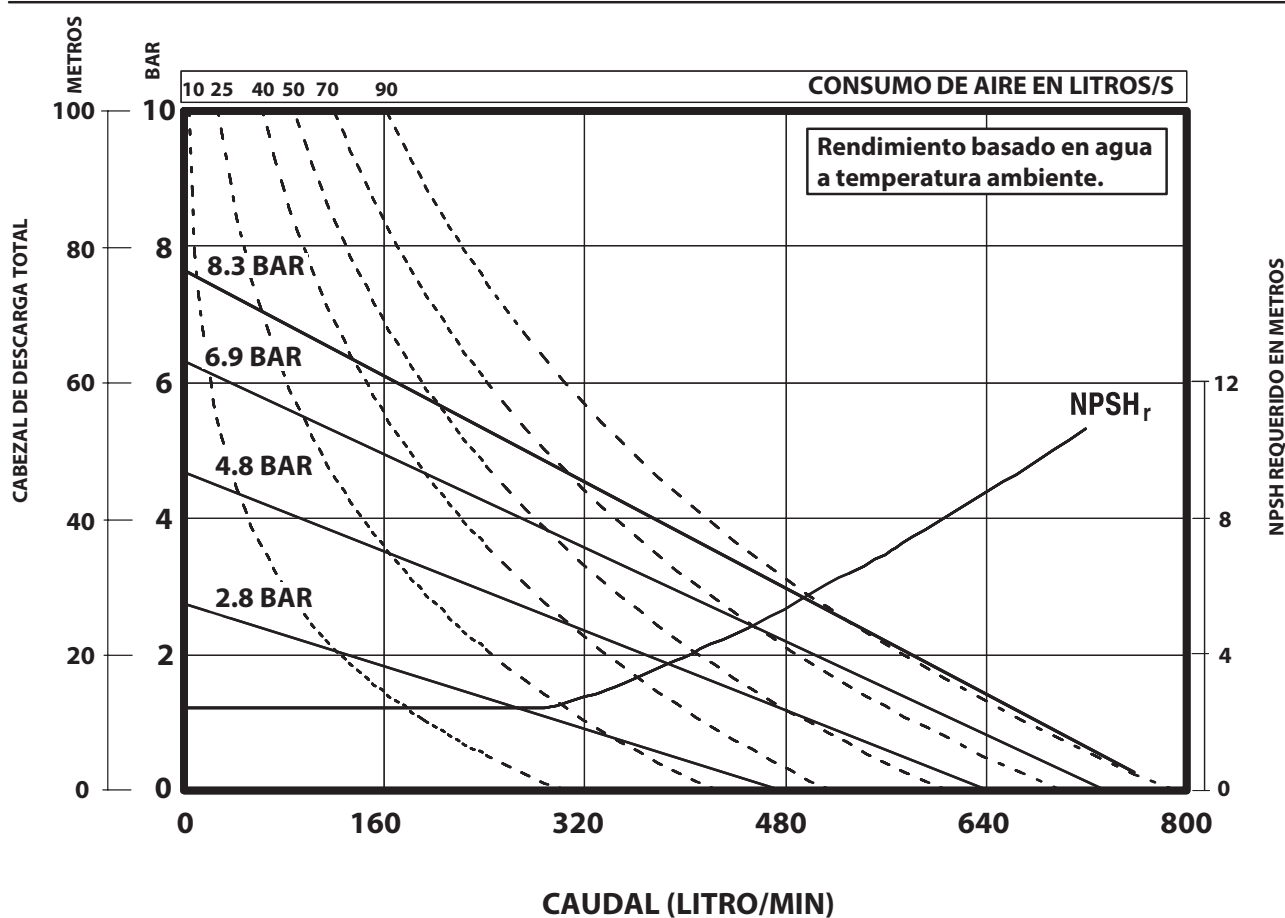
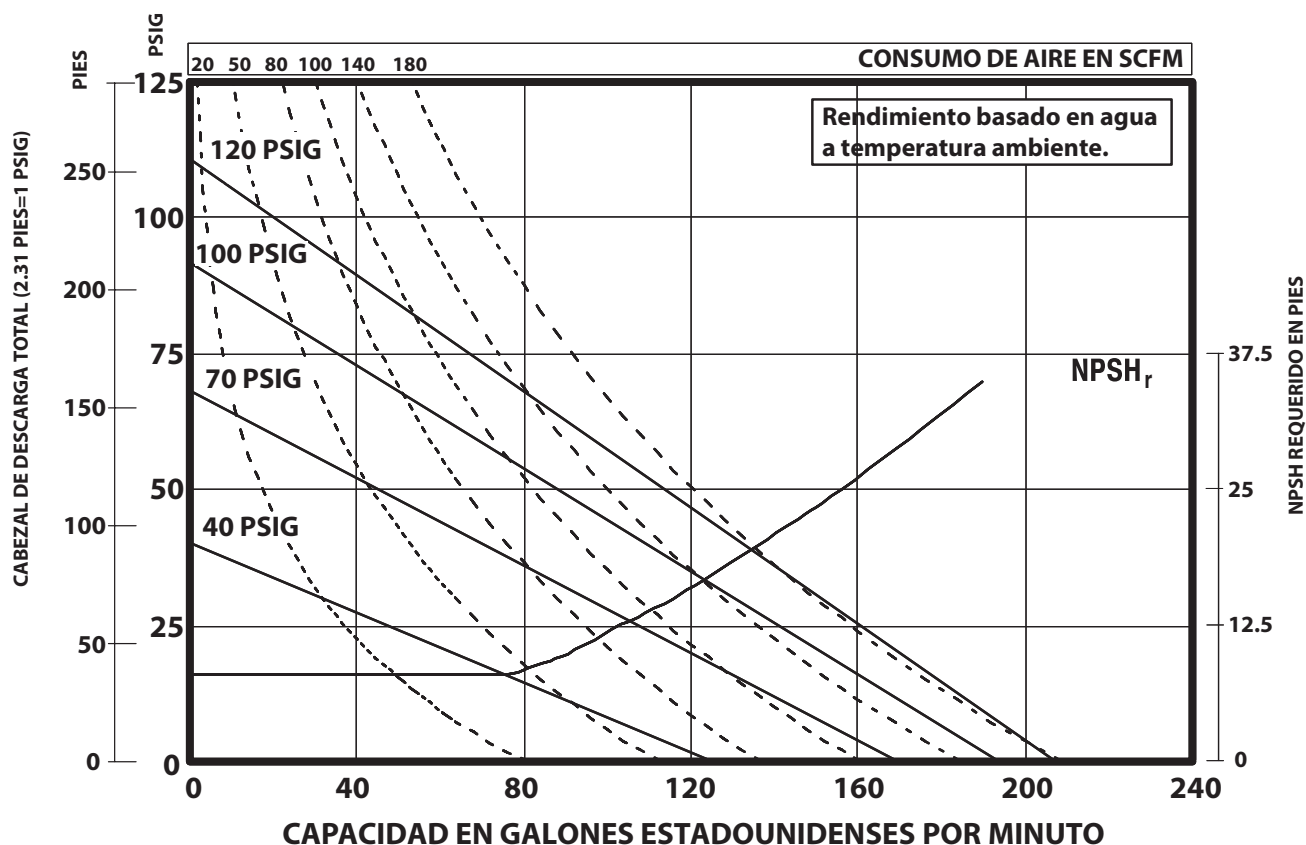
CURVAS DE RENDIMIENTO

PD30R-XXX-XXX-CXXX E PE30R-XXX-XXX-CXXX BOMBA DE DIAFRAGMA METÁLICA DE 3"



CURVAS DE RENDIMIENTO

PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX BOMBA DE DIAFRAGMA METÁLICA DE 3"

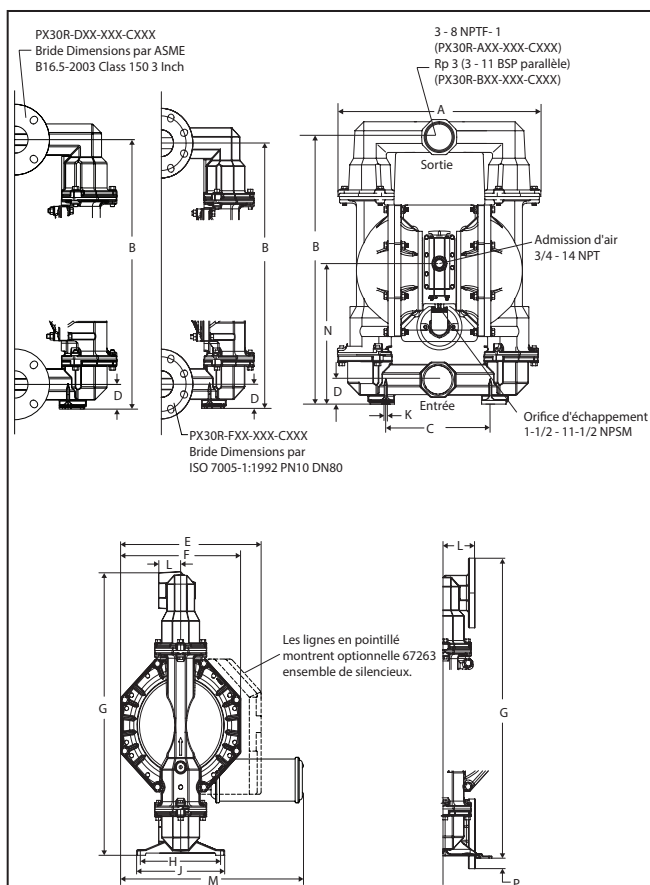


DONNÉES TECHNIQUES ET DE VENTE

PD30R-XXX-XXX-CXXX ET PE30R-XXX-XXX-CXXX
POMPE À MEMBRANE MÉTALLIQUE DE 3"

SÉRIE DE RATIO :	1:1
PLAGE DE PRESSION DU FLUIDE EN PSIG:	20 - 120
PUBLIÉ LE:	1-20-15
RÉVISÉ:	11-30-17
(REV: B)	S-1589

DIMENSIONS



DIMENSIONS

A - Voir ci-dessous	H - 10-5/32" (258.0 mm)
B - 30" (762.0 mm)	J - Voir ci-dessous
C - 12-1/16" (306.4 mm)	K - 9/16" (14.3 mm)
D - Voir ci-dessous	L - Voir ci-dessous
E - 17-11/16" (449.2 mm)	M - 23-3/32" (586.3 mm)
F - 15" (381.0 mm)	N - Voir ci-dessous
G - Voir ci-dessous	P - 1-3/16" (30.2 mm)

ACCESORIOS:

66109 kit de conexión de la línea de aire
Kit de escape con puerto 67263
Silenciador 94117.

CARACTÉRISTIQUES TECHNIQUES

CONSTRUCTION

Gamme de modèles.	PD30R-XXX-XXX-CXXX PE30R-XXX-XXX-CXXX
Type de pompe	Double membrane pneu- matique métallique
Ratio	1:1
Entrée / sortie produit (femelle)	
PX30R- <u>A</u> XX-XXX-CXXX	3 - 8 NPTF - 1
PX30R- <u>B</u> XX-XXX-CXXX	Rp 3 (3 - 11 BSP parallèle)
PX30R- <u>D</u> XX-XXX-CXXX	3" ANSI Bride (4 Trous)
PX30R- <u>F</u> XX-XXX-CXXX	3" DIN Bride (8 Trous)
Entrée d'air (femelle)	3/4 - 14 NPT
Échappement d'air	1-1/2 - 11-1/2 NPSM
Poids ...	
PX30R- <u>X</u> CX-XXX-CXXX	221.1 lbs (100.3 kgs)
PX30R- <u>A</u> SX-XXX-CXXX, <u>B</u> SX	228.8 lbs (103.8 kgs)
PX30R- <u>F</u> SX-XXX-CXXX, <u>D</u> SX	245.6 lbs (111.4 kgs)
Kit de service de la section de aire	637369
Kit de service de la section de fluidos (Sans Siège) ..	637303-XX
Kit de service de la section de fluidos (Avec des Siège) ..	637303-XXX

Avec des Siège **PX30R-XXX-XXX- CXXX** Sans Siège

637303 - XXX **637303 - XX**

Matériau de la membrane

Matériau des billes

Matériau du siège

Matériau de la membrane

Matériau des billes

EXEMPLE : modèle #PD30R-ASS-SAA-C

Le kit d'entretien de la partie produit est 637303-AA (Sans Siège)

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 pressions de sortie de produit. 20 - 120 psig (1.4 - 8.3 bar)
Débit maximal 237 gpm (897 lpm)
Orifice d'admission noyé 275 gpm (1,041 lpm)
Diamètre maximal des particules. ... 3/8" de diamètre (9.5 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)
 PVDF (Kynar®) 10° à 200° F (-12° à 93° C)
 Nitrilo 10° à 180° F (-12 à 82° C)
 Polypropylène 35° à 175° F (2° 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)
Déplacement / cycle à 6,9 bar (100 psig) 2.8 gal. (10.6 lit.)
Niveau sonore à @ 70 psig - 50 cpm ① .. 83.0 dB(A)②

Remarques :

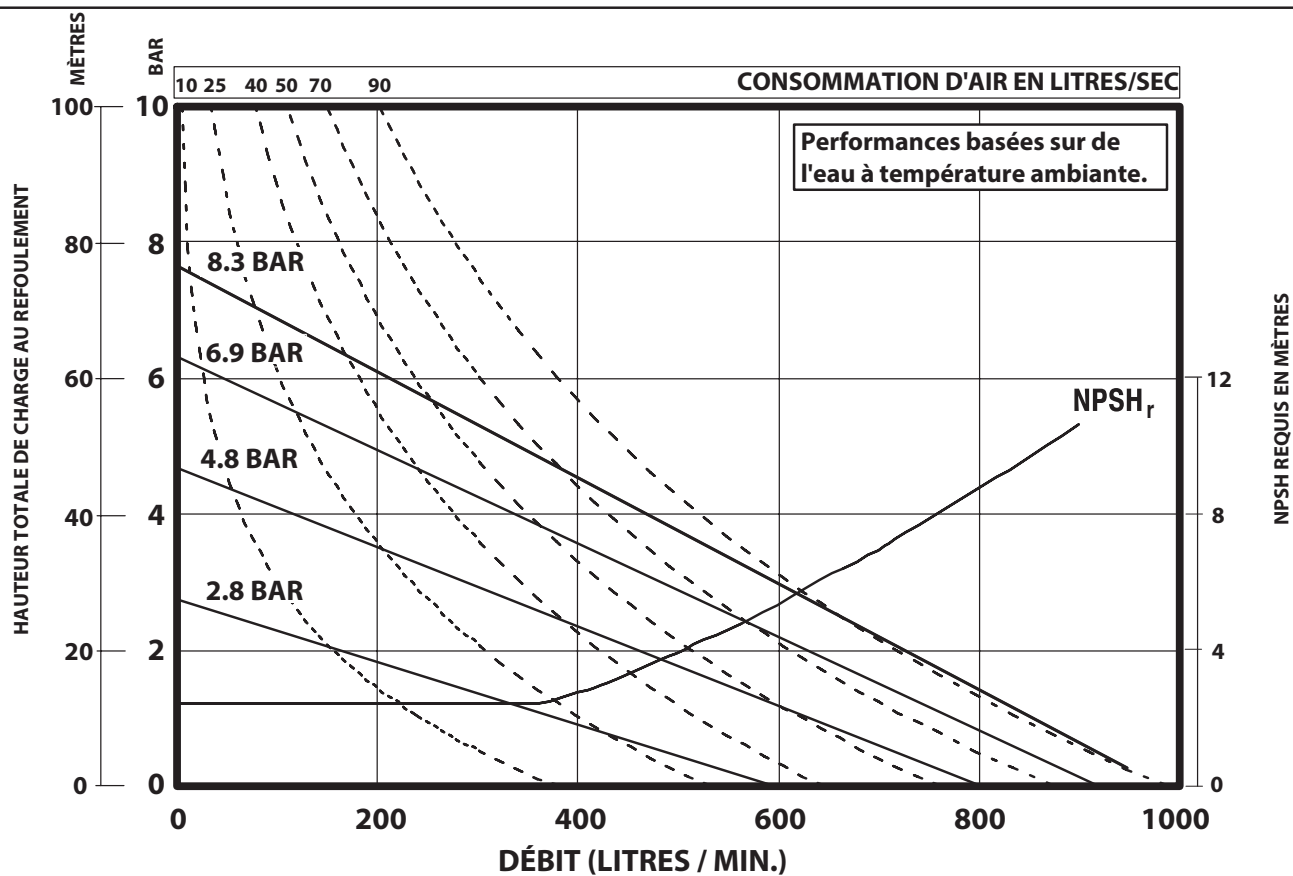
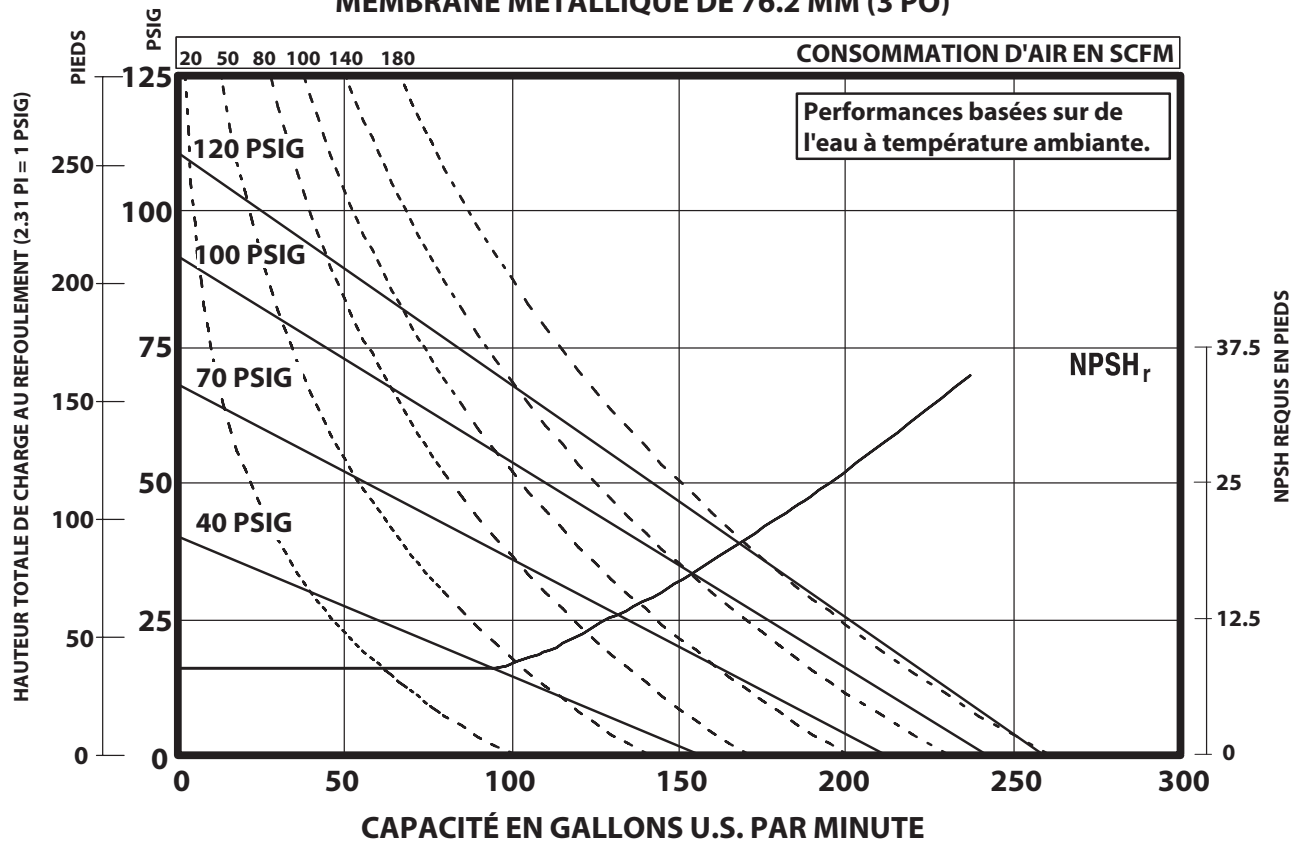
- ① Testé avec un assemblage du silencieux 67263 installé.
- ② Le niveau de pression acoustique de la pompe a été mis à jour pour refléter le niveau énergétique équivalent (L_{eq}) afin de satisfaire aux normes ANSI S1. 13-1971, CAGI-PNEUROP S5.1, en utilisant quatre microphones.

	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)
PX30X-FXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)

NOTA: les dimensions exprimées en millimètres et en pouces sont fournies à titre de référence uniquement et sont généralement arrondies au 1.6 mm (1/16 po) le plus proche.

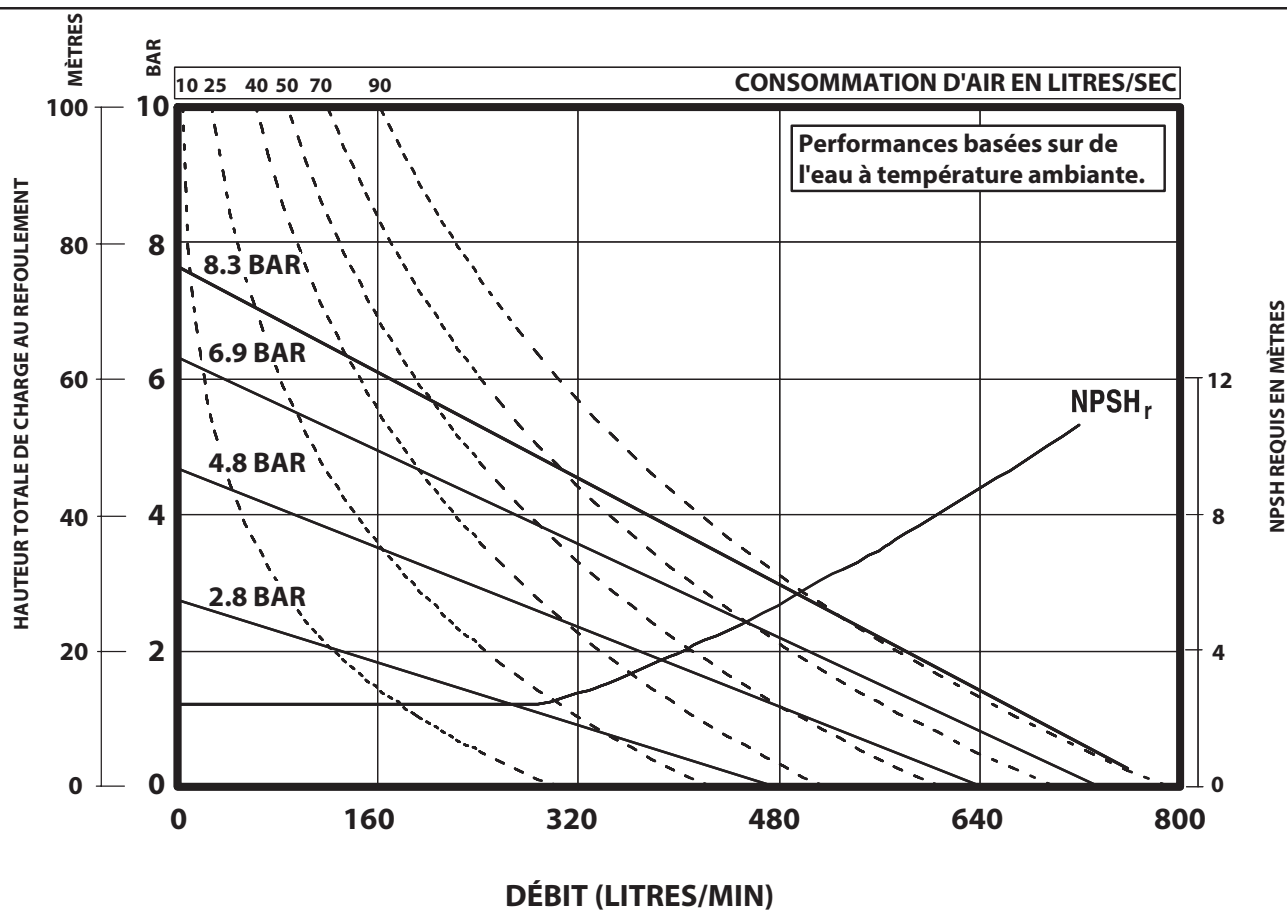
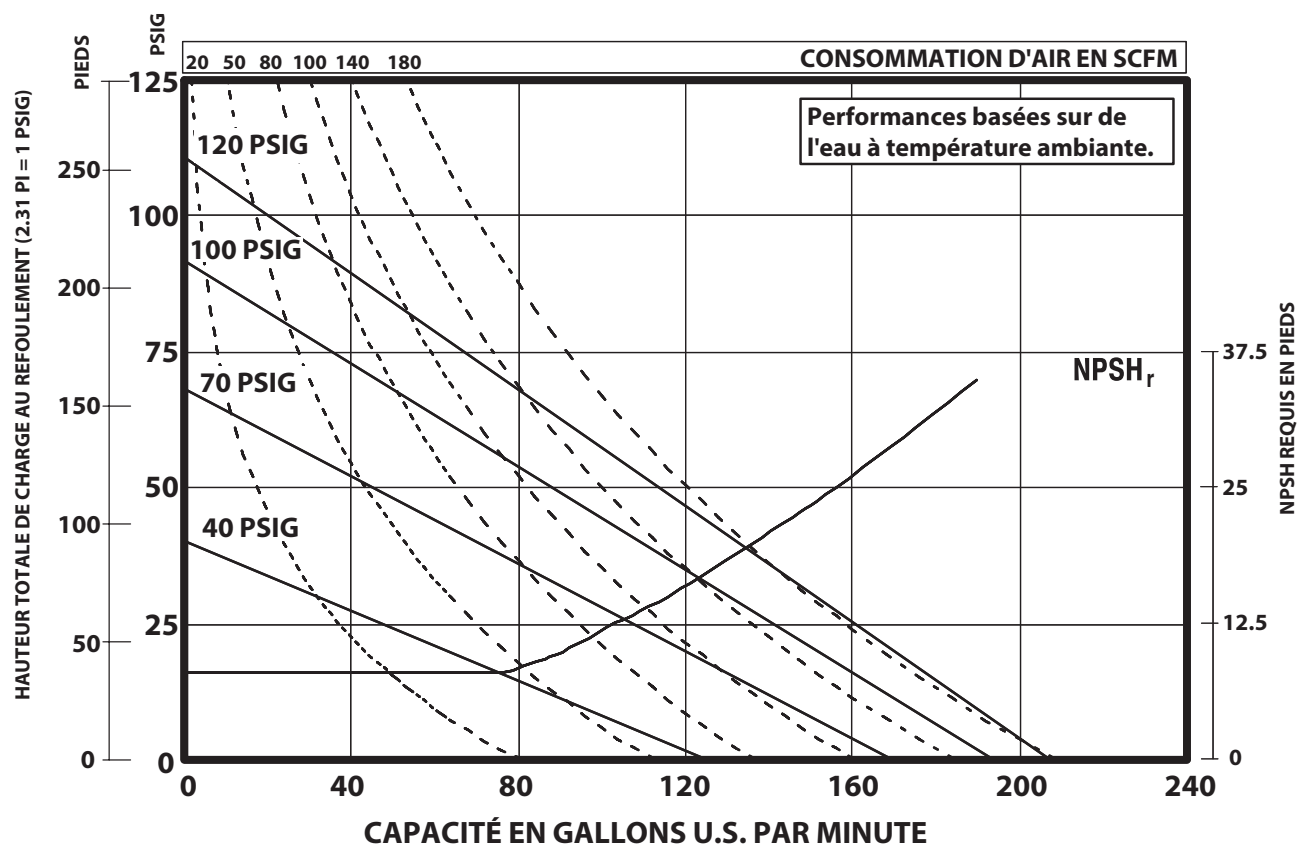
COURBES DE PERFORMANCES

**PD30R-XXX-XXX-CXXX ET PE30R-XXX-XXX-CXXX POMPE À
MEMBRANE MÉTALLIQUE DE 76.2 MM (3 PO)**



COURBES DE PERFORMANCES

PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX
POMPE À MEMBRANE MÉTALLIQUE DE 76.2 MM (3 PO)



DATI DI VENDITA E PROGETTAZIONE

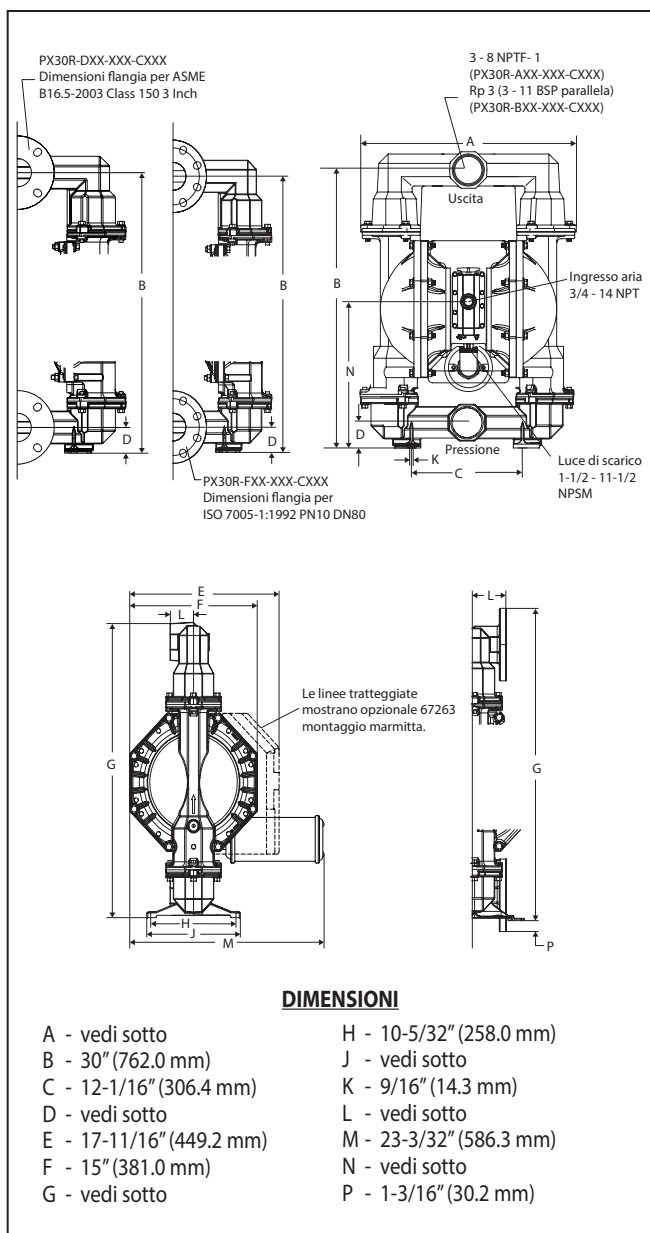
PD30R-XXX-XXX-CXXX E PE30R-XXX-XXX-CXXX
POMPA METALLICA A DIAFRAMMA DA 3"

SERIE **1:1**
RAPPORTO:

GAMMA PSIG	20 - 120
FLUIDO:	

RILASCIATO: 1-20-15
RIVISTO: 11-30-17
(REV: B) S-1589

DATI DIMENSIONALI



ACCESSORI:

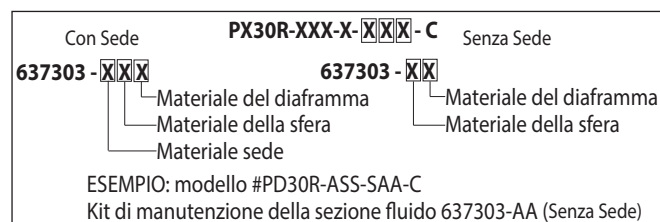
66109 Kit di connessione condotto dell'aria
67263 Kit di scarico con apertura
94117 Silenziatore

SPECIFICHE

STRUTTURA

Serie modello	PD30R-XXX-XXX-CXXX PE30R-XXX-XXX-CXXX	
Tipo di pompa	Metallica, pneumatica, a doppio diaframma	
Rapporto	1:1	
Ingresso/Uscita materiale (femmina)		
PX30R- <u>A</u> XX-XXX-CXXX	3 - 8 NPTF - 1	
PX30R- <u>B</u> XX-XXX-CXXX	Rp 3 (3 - 11 BSP parallela)	
PX30R- <u>D</u> XX-XXX-CXXX	3" ANSI Flangia (4 Fori)	
PX30R- <u>F</u> XX-XXX-CXXX	3" DIN Flangia (8 Fori)	
Ingresso aria (femmina)	3/4 - 14 NPT	
Scarico dell'aria (femmina)	1-1/2 - 11-1/2 NPSM	
Peso	PX30R-XC-X-XXX-CXXX	221.1 lbs (100.3 kgs)
	PX30R- <u>A</u> SX-XXX-CXXX, BSX ...	228.8 lbs (103.8 kgs)
	PX30R-FSX-XXX-CXXX, -DSX ...	245.6 lbs (111.4 kgs)

Kit di manutenzione sezione pneumatica 637369
Kit di manutenzione sezione fluido (Senza Sede) . . 637303-XX
Kit di manutenzione sezione fluido (Con Sede) 637303-XXX



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 della pressione dell'uscita fluido	20 - 120 psig (1.4 - 8.3 bar)
Portata massima	237 gpm (897 lpm)
Ingresso a iniezione	275 gpm (1,041 lpm)
Dimensione massima particelle	Diam. 3/8" (9.5 mm)
Limiti di temperatura massimi (materiale diaframma/sfera/sede)	
E.P.R./EPDM	da - 60° a 280° F (da - 51° a 138° C)
Hytrei®	da - 20° a 180° F (da - 29° a 82° C)
PVDF (Kynar®).....	da 10° a 200° F (da -12° a 93° C)
Nitrilo.....	da 10° a 180° F (da - 12° a 82° C)
Polipropilene.....	da 35° a 175° F (da 2° 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)
Capacità/ciclo a(100 psig)	2.8 gal. (10.6 lit.)
Livello di rumorosità a @ 70 psig - 50 cpm ① ...	83.0 dB(A)②

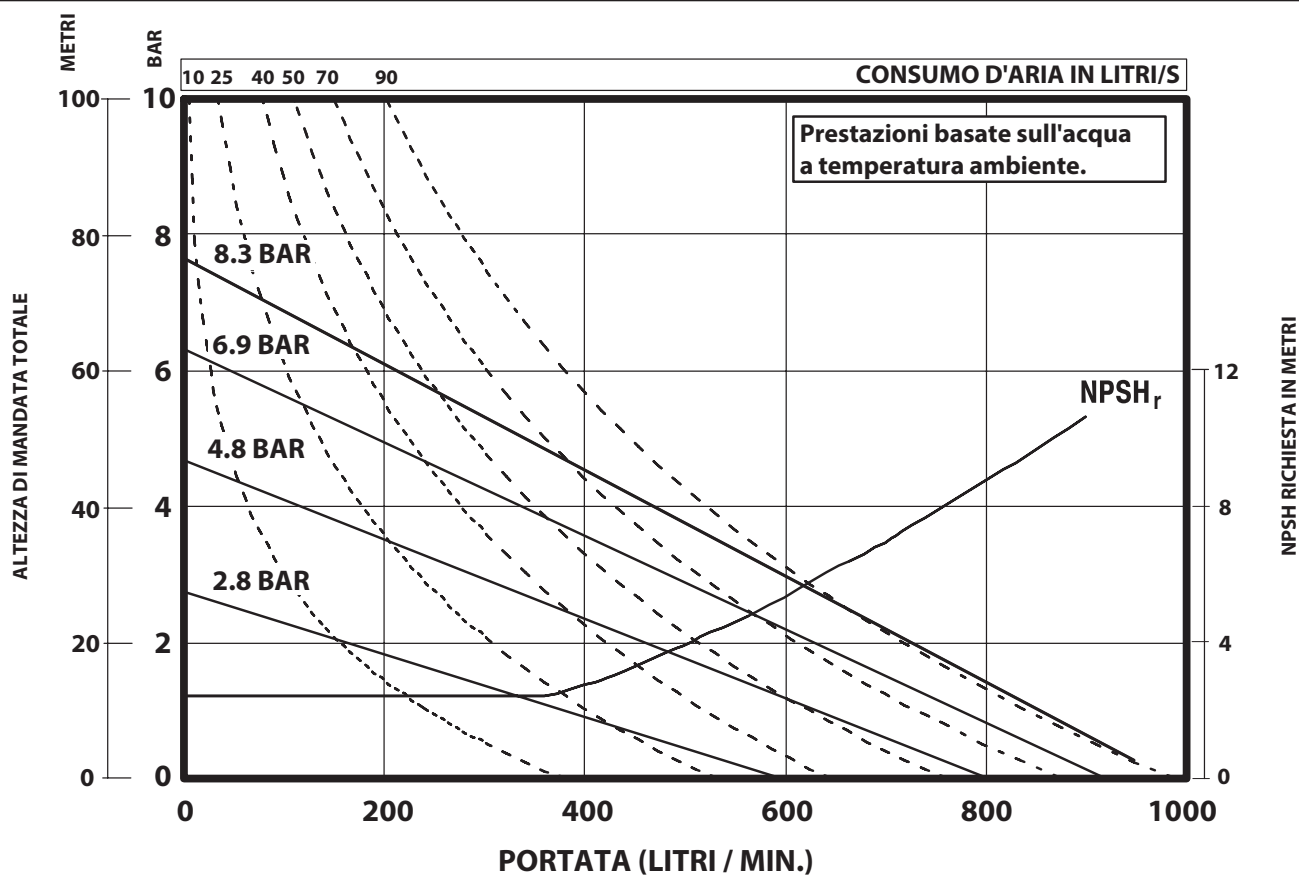
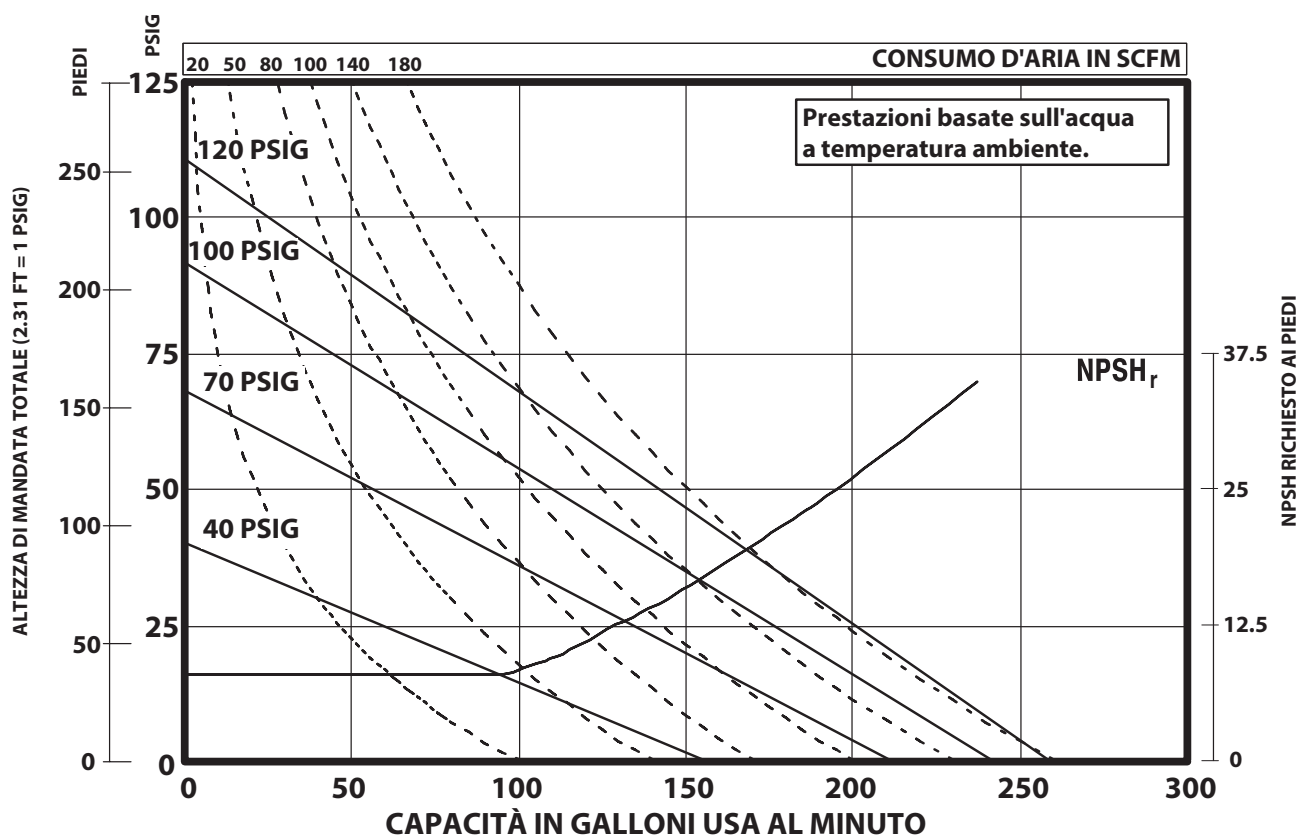
NOTA:

- ① Sottoposta a test con gruppo silenziatore 67263 installato.
- ② Il 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.

	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)
PX30X-FXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)

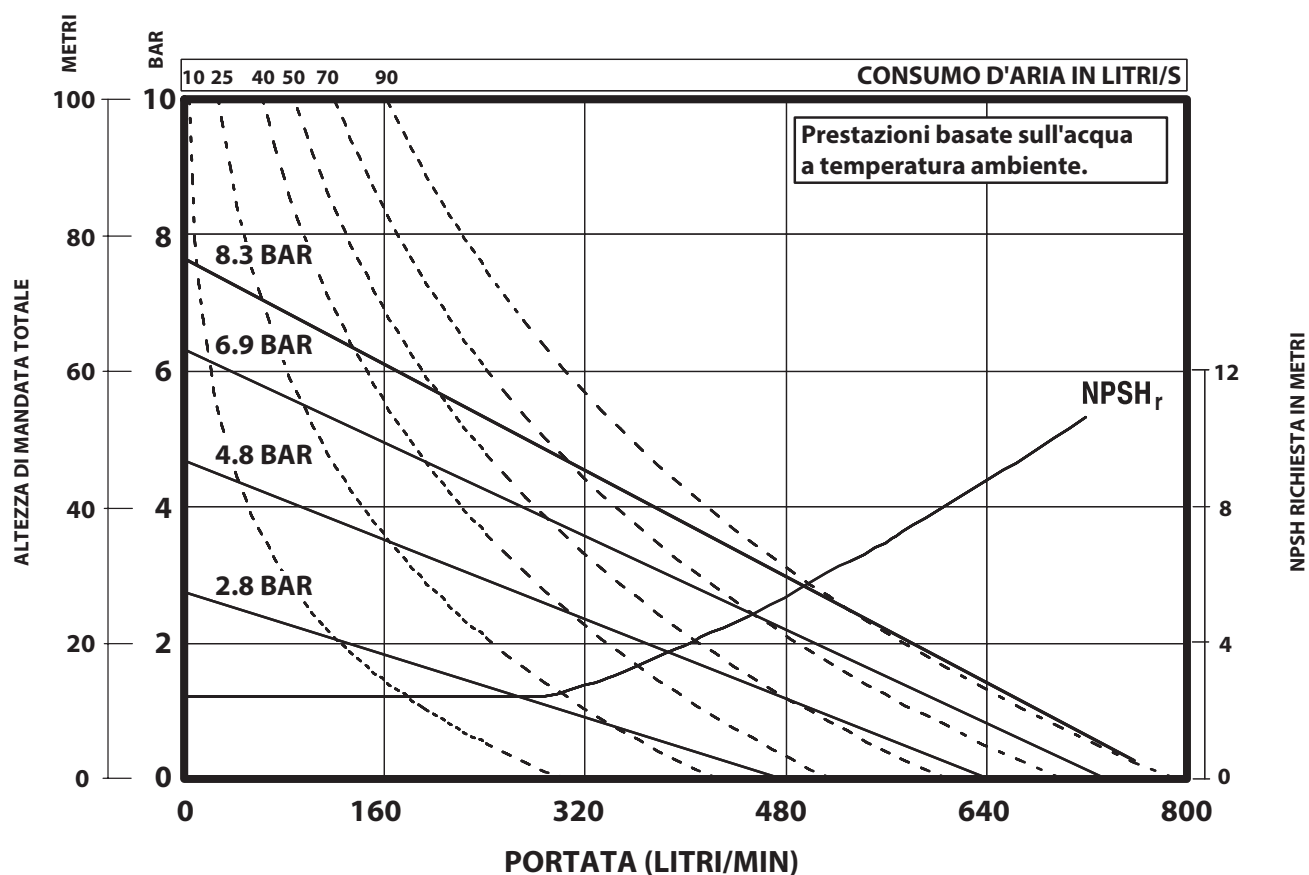
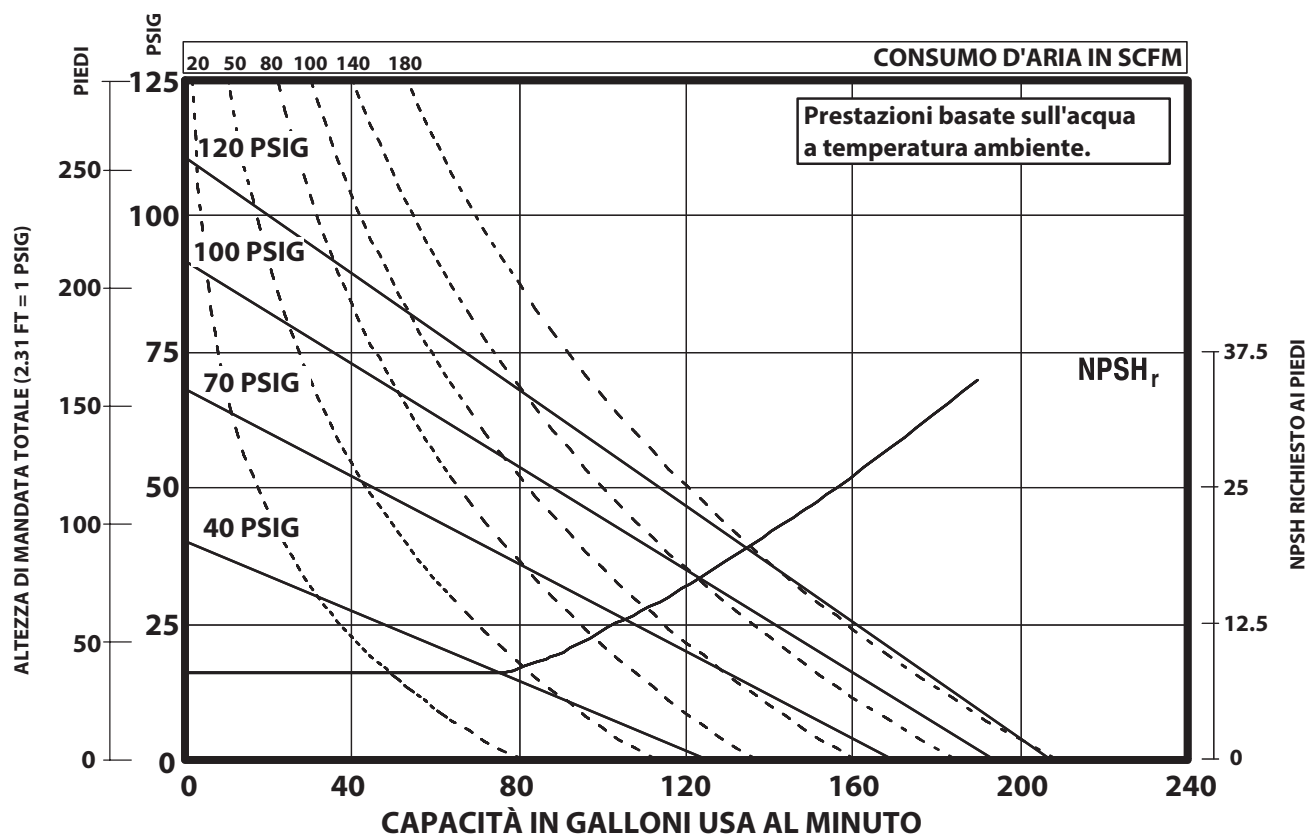
NOTA: le dimensioni sono espresse in pollici e (mm), sono arrotondate per eccesso al primo 1/16 di pollice utile e hanno valore puramente indicativo.

PD30R-XXX-XXX-CXXX E PE30R-XXX-XXX-CXXX POMPA METALLICA A DIAFRAMMA DA 3"



CURVE DELLE PRESTAZIONI

PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX POMPA METALLICA A DIAFRAMMA DA 3"

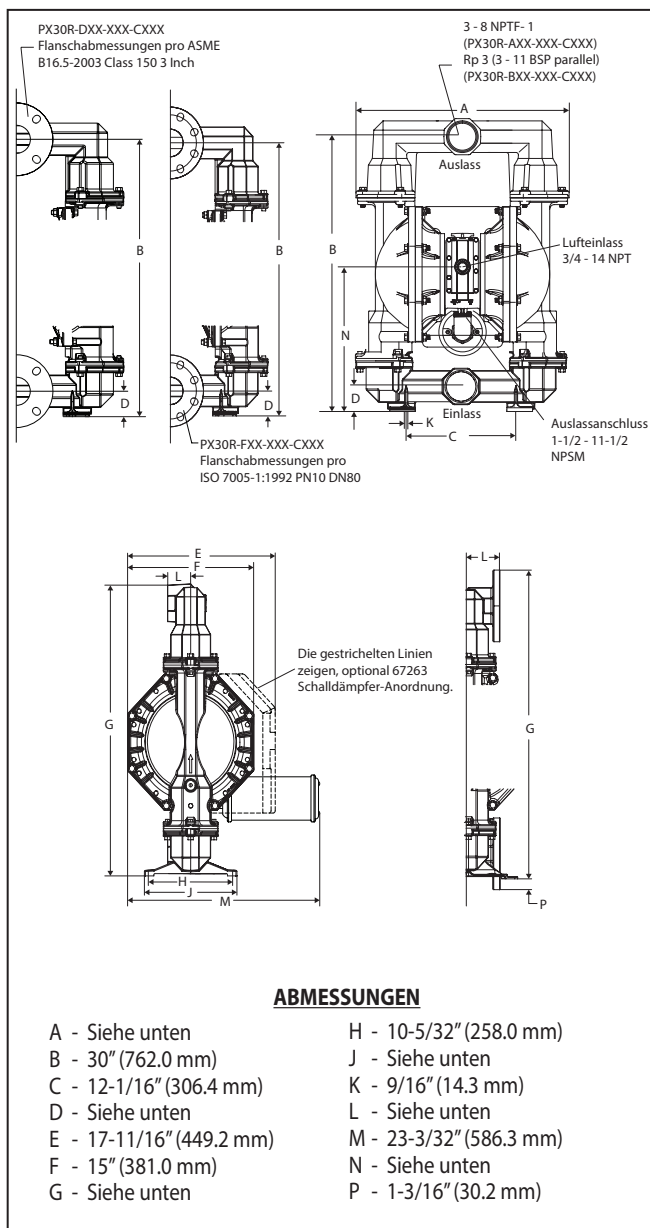


VERTRIEBS- UND ENGINEERING-DATEN

PD30R-XXX-XXX-CXXX UND PE30R-XXX-XXX-CXXX MEMBRANPUMPE 3" AUS METALL

ÜBERSETZUNG SERIE:	1:1
FLÜSSIGKEITS- DRUCKBEREICH (PSIG):	20 - 120
VERÖFFENTLICHT:	1-20-15
ÜBERARBEITET:	11-30-17
(REV: B)	S-1589

MASSANGABEN



ACCESSORI:

66109 Luftleitungsanschlusssatz
67263 Auslassöffnungssatz.
94117 Dämpfer.

TECHNISCHE DATEN

KONSTRUKTION

Modellserie	PD30R-XXX-XXX-CXXX PE30R-XXX-XXX-CXXX
Pumpentyp	Druckluftbetriebene Doppelmembranpumpe aus Metall
Verhältnis	1:1
Materialeinlass/-auslass (Buchse)	
PX30R- <u>AXX</u> -XXX-CXXX	3 - 8 NPTF - 1
PX30R- <u>BXX</u> -XXX-CXXX	Rp 3 (3 - 11 BSP parallel)
PX30R- <u>DXX</u> -XXX-CXXX	3" ANSI Flansch (4 Löcher)
PX30R- <u>FXX</u> -XXX-CXXX	3" DIN Flansch (8 Löcher)
Luftleinlass (Buchse)	3/4 - 14 NPT
Luftauslass (Buchse)	1-1/2 - 11-1/2 NPSM
Gewicht ..	PX30R- <u>XCX</u> -XXX-CXXX 221.1 lbs (100.3 kgs) PX30R- <u>ASX</u> -XXX-CXXX, <u>BSX</u> ... 228.8 lbs (103.8 kgs) PX30R- <u>FSX</u> -XXX-CXXX, <u>DSX</u> ... 245.6 lbs (111.4 kgs)

Verschleißteilsätze für Druckluftprodukte 637369
Verschleißteilsätze für Fluid-Produkte (ohne sitz) .. 637303-XX
Verschleißteilsätze für Fluid-Produkte (mit sitz) 637303-XXX

mit sitz	PX30R-XXX- <u>XXX</u> -CXXX	ohne sitz
637303 - <u>XXX</u>	Membranmaterial Kugelmateriell Sitzmaterial	637303 - <u>XXX</u> Membranmaterial Kugelmateriell
BEISPIEL: Modell #PD30R-ASS-SAA-C Verschleißteilsatz für Fluid-Produkte: 637303-AA (ohne sitz)		

LEISTUNG

Eingangsluftdruck-Bereich	20 - 120 psig (1.4 - 8.3 bar)
Max. Materialeingangsdruck	10 psig (0.69 bar)
Eingangsflüssigkeitsdruck-Bereich	20 - 120 psig (1.4 - 8.3 bar)
Max. Durchflussrate	237 gpm (897 lpm)
Gebluteter Einlauf	275 gpm (1,041 lpm)
Max. Partikelgröße	3/8" Durchmesser (9.5 mm)
Max. Temperaturgrenzen (Membran-/Kugel-/Sitzmaterial)	
E.P.R./EPDM	-60° bis 280° F (-51° bis 138° C)
Hytre®	-20° bis 180° F (-29° bis 82° C)
PVDF (Kynar®)	10° bis 200° F (-12° bis 93° C)
Nitrilo	10° bis 180° F (-12° bis 82° C)
Polypropylen	35° bis 175° F (2° 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)
Verdrängung/Zyklus bei (100 psig) ..	2.8 gal. (10.6 lit.)
Schallpegel bei @ 70 psig - 50 cpm ^①	83.0 dB(A) ^②

Hinweise:

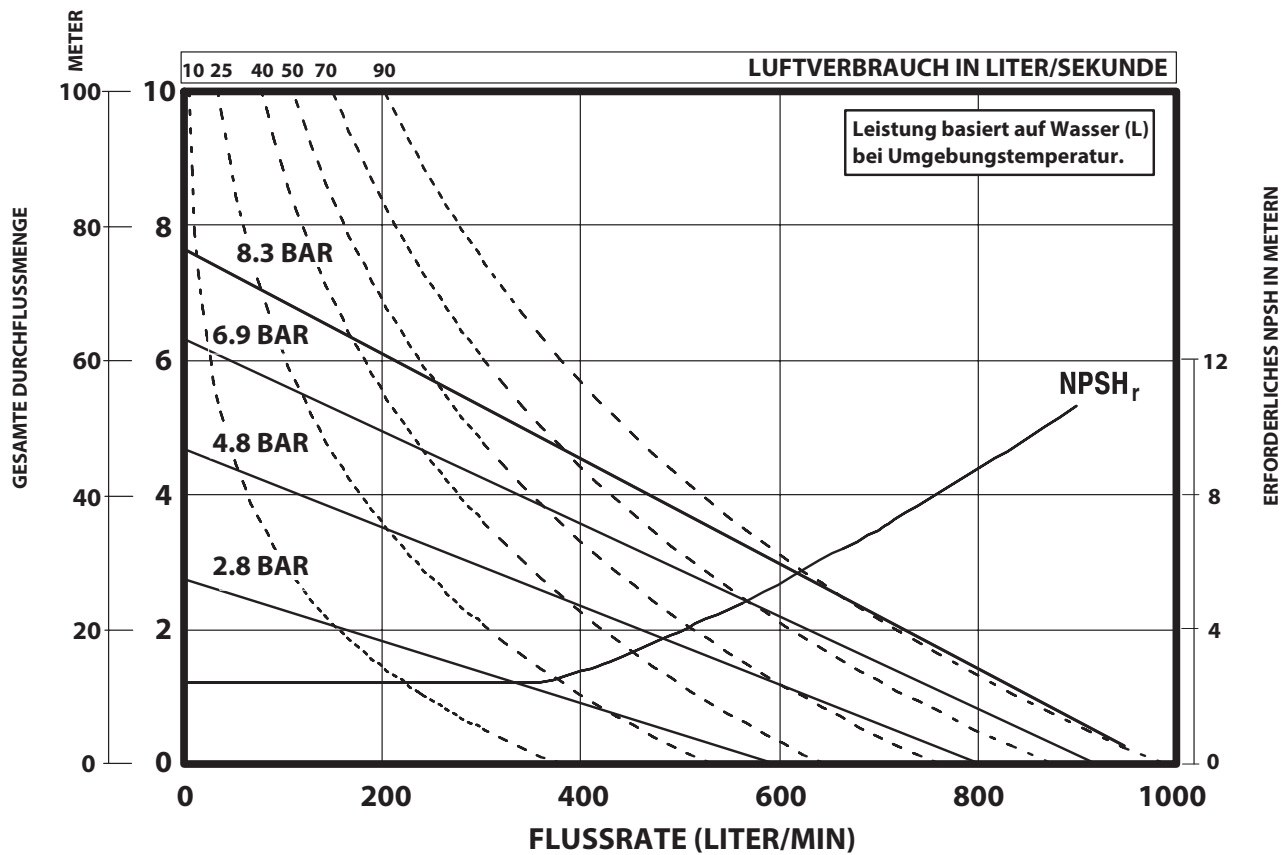
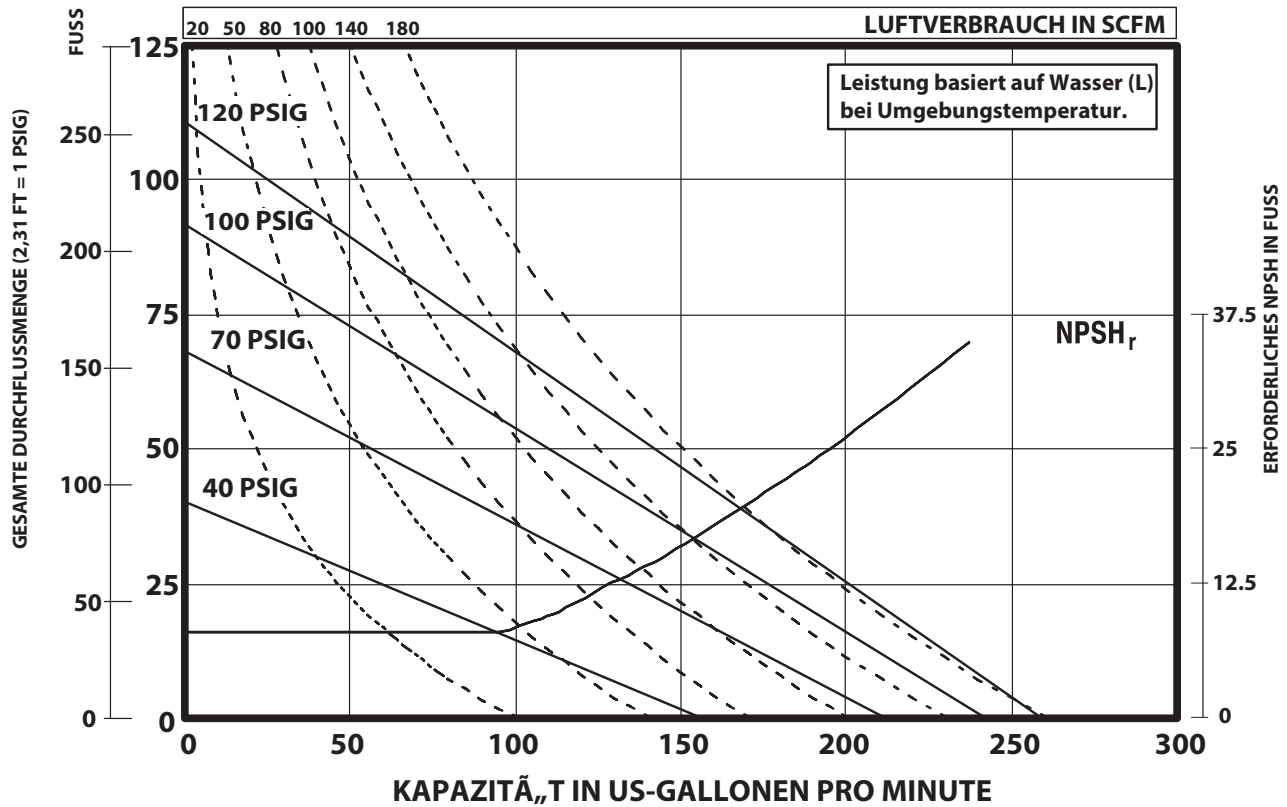
- ① Prüfung mit angebrachter Dämpferbaugruppe 67263.
- ② Die Schalldruckangaben für die Pumpe wurden aktualisiert und geben jetzt den äquivalenten Dauerschallpegel (LA_{eq}) gemäß ANSI S1. 13-1971, CAGI-PNEUROP S5.1 an, in der die Verwendung von vier verschiedenen Mikrofonstandorten vorgeschrieben ist.

	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)
PX30X-FXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)

NOTA: Die Maße sind in Zoll und (mm) angegeben. Sie dienen nur zur Bezugnahme und sind typischerweise auf den nächsten 1/16-Zollwert aufgerundet.

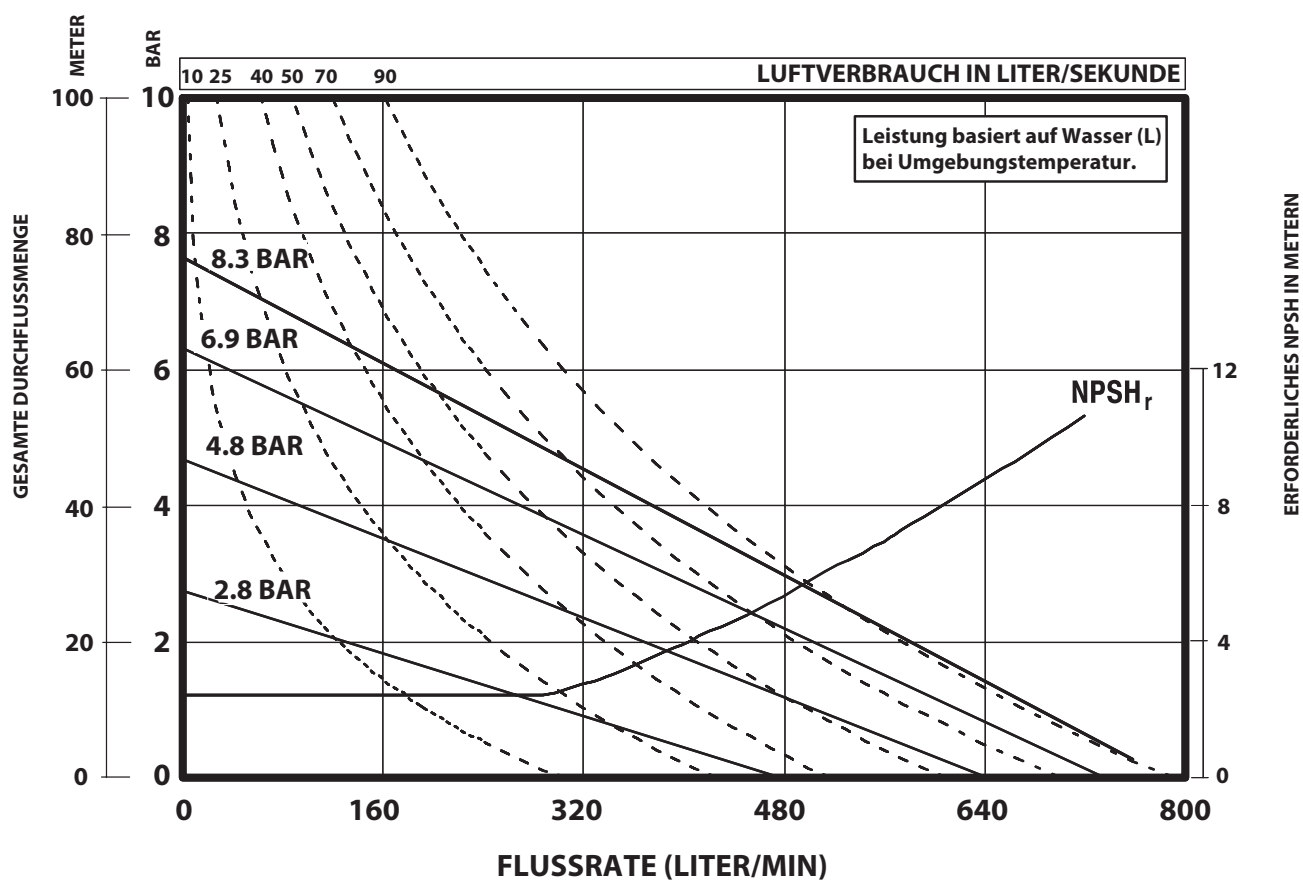
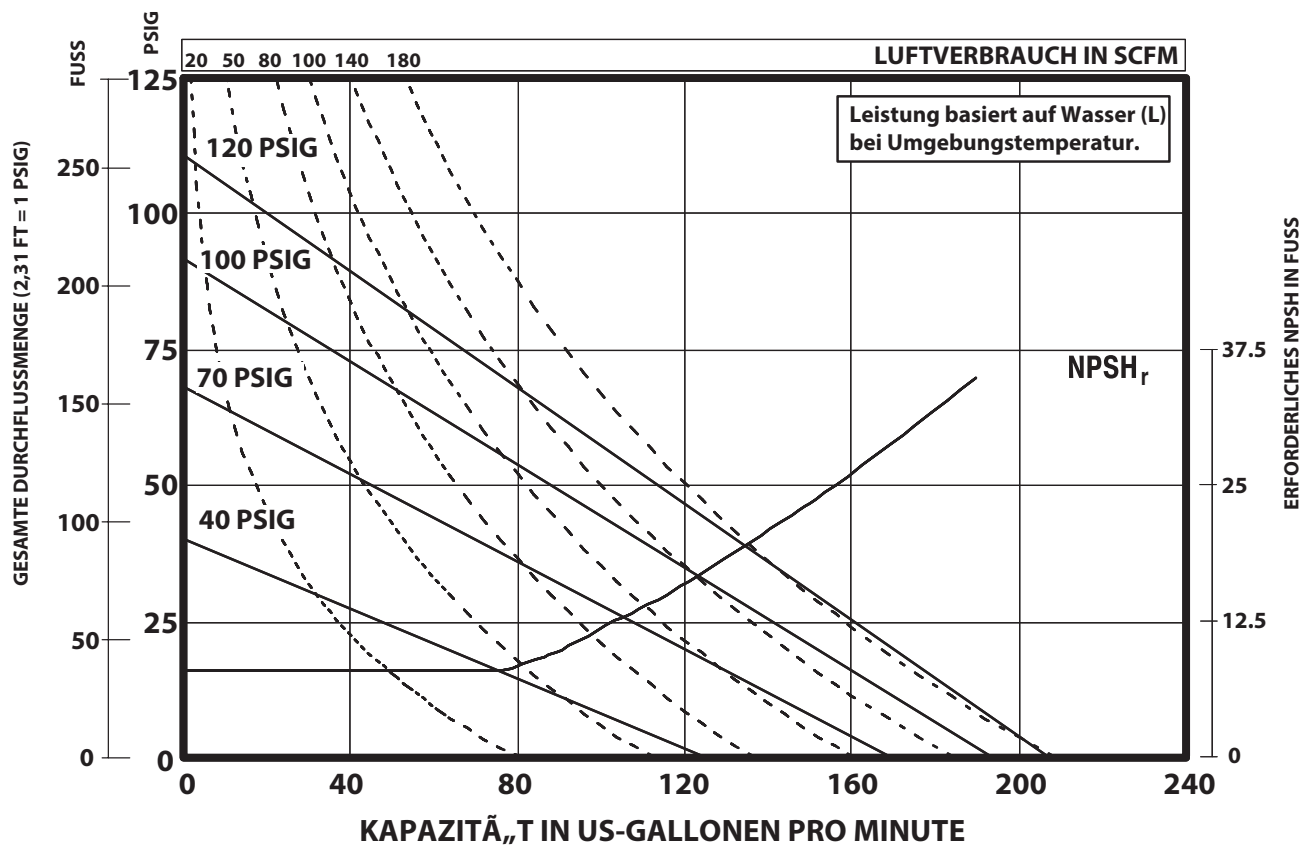
LEISTUNGSKURVEN

PD30R-XXX-XXX-CXXX UND PE30R-XXX-XXX-CXXX MEMBRANPUMPE 3" AUS METALL



LEISTUNGSKURVEN

PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX MEMBRANPUMPE 3" AUS METALL

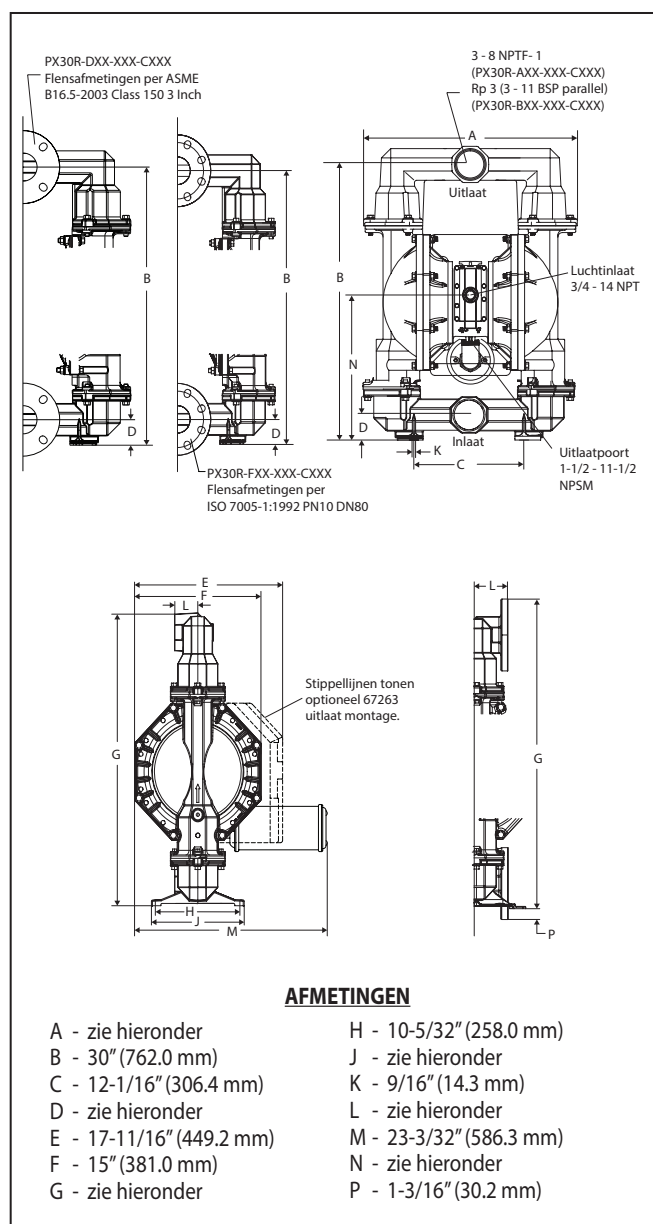


VERKOOPS- EN TECHNISCHE GEGEVENS

PD30R-XXX-XXX-CXXX EN PE30R-XXX-XXX-CXXX METALEN MEMBRAANPOMP VAN 3"

VERHOUDING SERIE:	1:1
VLOEISTOF- BEREIK PSIG:	20 - 120
UITGEBRACHT:	1-20-15
HERZIENE VERSIE:	11-30-17
(REV: B)	S-1589

AFMETINGEN



TOEBEHOREN:

66109 luchtleidingaansluitingsset
67263 uitlaatset met poort
94117 geluiddempers

SPECIFICATIES

CONSTRUCTIE

Modelserie	PD30R-XXX-XXX-CXXX PE30R-XXX-XXX-CXXX
Pomptype	Metalen, pneumatisch, dubbel membraan
Verhouding	1:1
Materiaalinlaat/-uitlaat (vrouwelijk)	
PX30R- <u>A</u> XX-XXX-CXXX	3 - 8 NPTF - 1
PX30R- <u>B</u> XX-XXX-CXXX	Rp 3 (3 - 11 BSP parallel)
PX30R- <u>D</u> XX-XXX-CXXX	3" ANSI Flens (4 gaten)
PX30R- <u>F</u> XX-XXX-CXXX	3" DIN Flens (8 gaten)
Luchtinlaat (vrouwelijk)	3/4 - 14 NPT
Luchtuutlaat (vrouwelijk)	1-1/2 - 11-1/2 NPSM
Gewicht ... PX30R- <u>X</u> CX-XXX-CXXX	221.1 lbs (100.3 kgs)
PX30R- <u>A</u> SX-XXX-CXXX, <u>B</u> SX	228.8 lbs (103.8 kgs)
PX30R- <u>F</u> SX-XXX-CXXX, <u>D</u> SX	245.6 lbs (111.4 kgs)

Onderhoudskit luchtgedeelte	637369
Onderhoudskit vloeistofgedeelte (Zonder zitting) ...	637303-XX
Onderhoudskit vloeistofgedeelte (Met zitting)	637303-XXX

Met zitting	PX30R-XXX- <u>XXX</u> -CXXX	Zonder zitting
637303- <u>XXX</u>	Membraanmateriaal Kogelmateriaal Materiaal zitting	637303- <u>XX</u> Membraanmateriaal Kogelmateriaal
VOORBEELD: Modell #PD30R-ASS-SAA-C Onderhoudskit vloeistofgedeelte is : 637303-AA (Zonder zitting)		

PRESTATIES

Drukgebied luchtinlaat	20 - 120 psig (1.4 - 8.3 bar)
Maximale materiaalinslaatsdruk	10 psig (0.69 bar)
Drukgebied vloeistofuitlaat	20 - 120 psig (1.4 - 8.3 bar)
Maximumdebiet	237 gpm (897 lpm)
Natte inslaats	275 gpm (1,041 lpm)
Maximale partikelgrootte	3/8" dia (9.5 mm)
Maximale temperatuurlimieten (materiaal membraan/kogel/zitting)	
E.P.R./EPDM	-60° tot 280° F (-51° tot 138° C)
Hytre®	-20° tot 180° F (-29° tot 82° C)
PVDF (Kynar®)	10° tot 200° F (-12° tot 93° C)
Nitrilo	10° tot 180° F (-12° tot 82° C)
Polypropyleen	35° tot 175° F (2° 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)
Verdringing/cyclus bij (100 psig)	2.8 gal. (10.6 lit.)
Geluidsniveau bij @ 70 psig - 50 cpm ^①	83.0 dB(A) ^②

Opmerkingen:

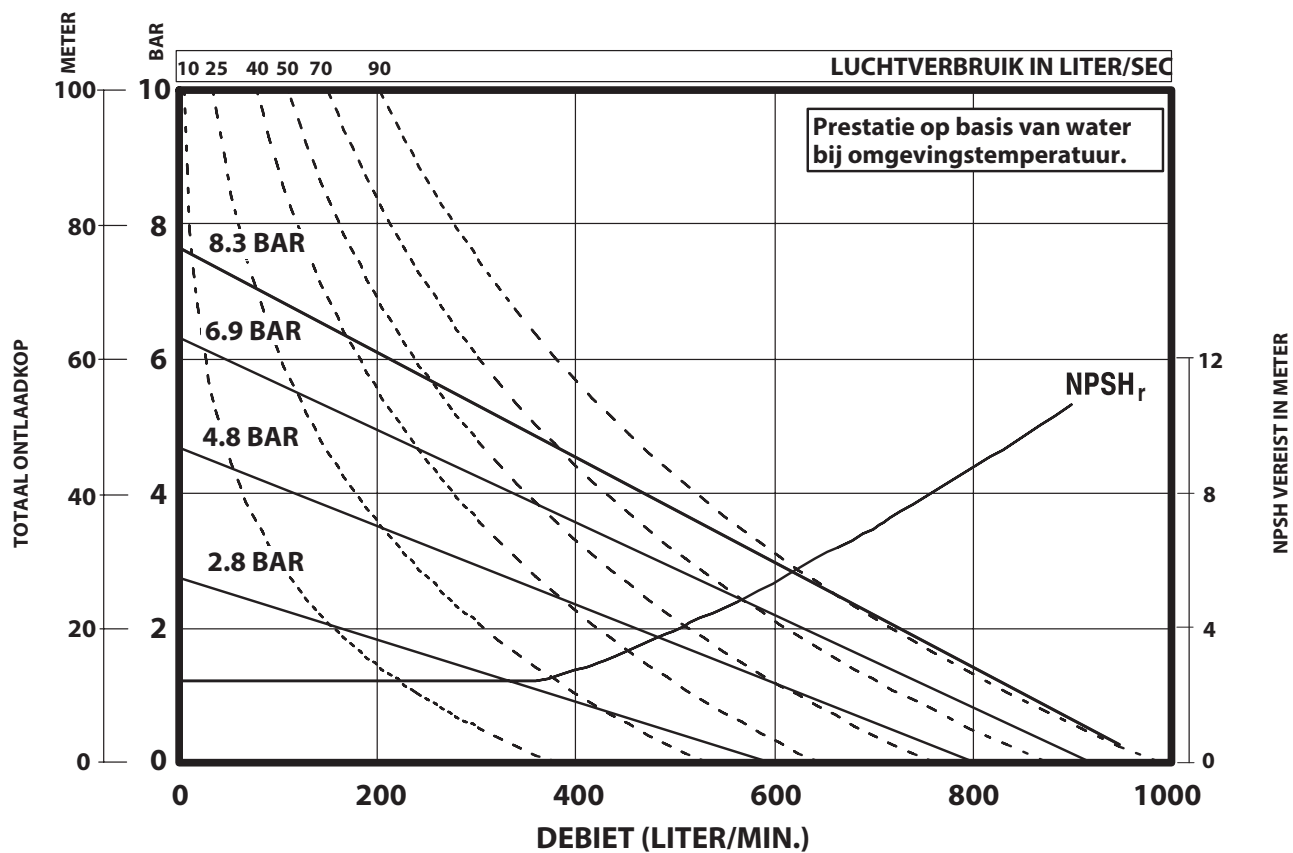
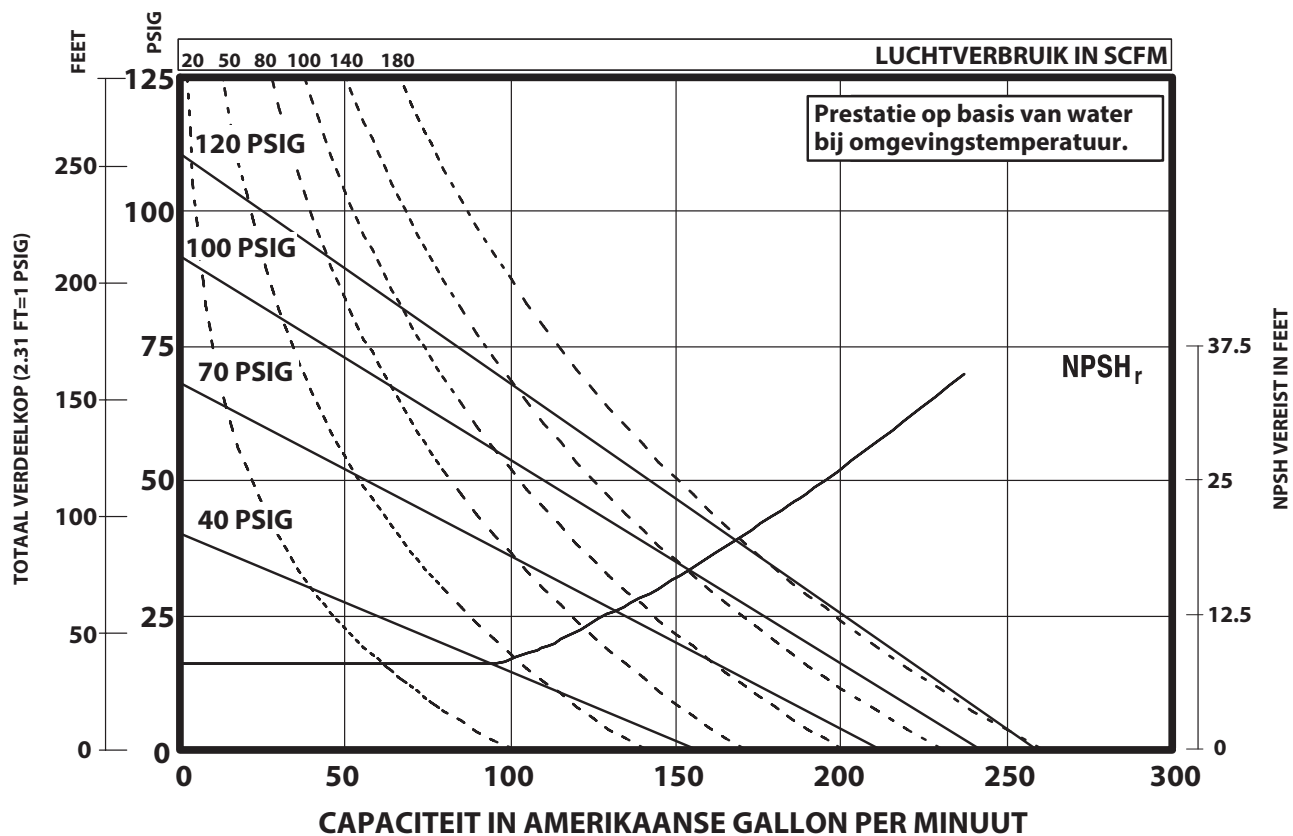
- ① Getest met de 67263 geluiddemper geïnstalleerd.
- ② Het geluidsniveau van de pomp is bijgewerkt tot een equivalent continu geluidsniveau (LA_{eq}) om te voldoen aan het doel van ANSI S1. 13-1971, CAGI-PNEUROP S5.1 met vier microfoonlocaties.

	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)
PX30X-FXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)

OPMERKING: afmetingen worden weergegeven in inch en (mm), worden alleen ter referentie gegeven en worden doorgaans afgerond naar de dichtstbijzijnde 1/16 inch.

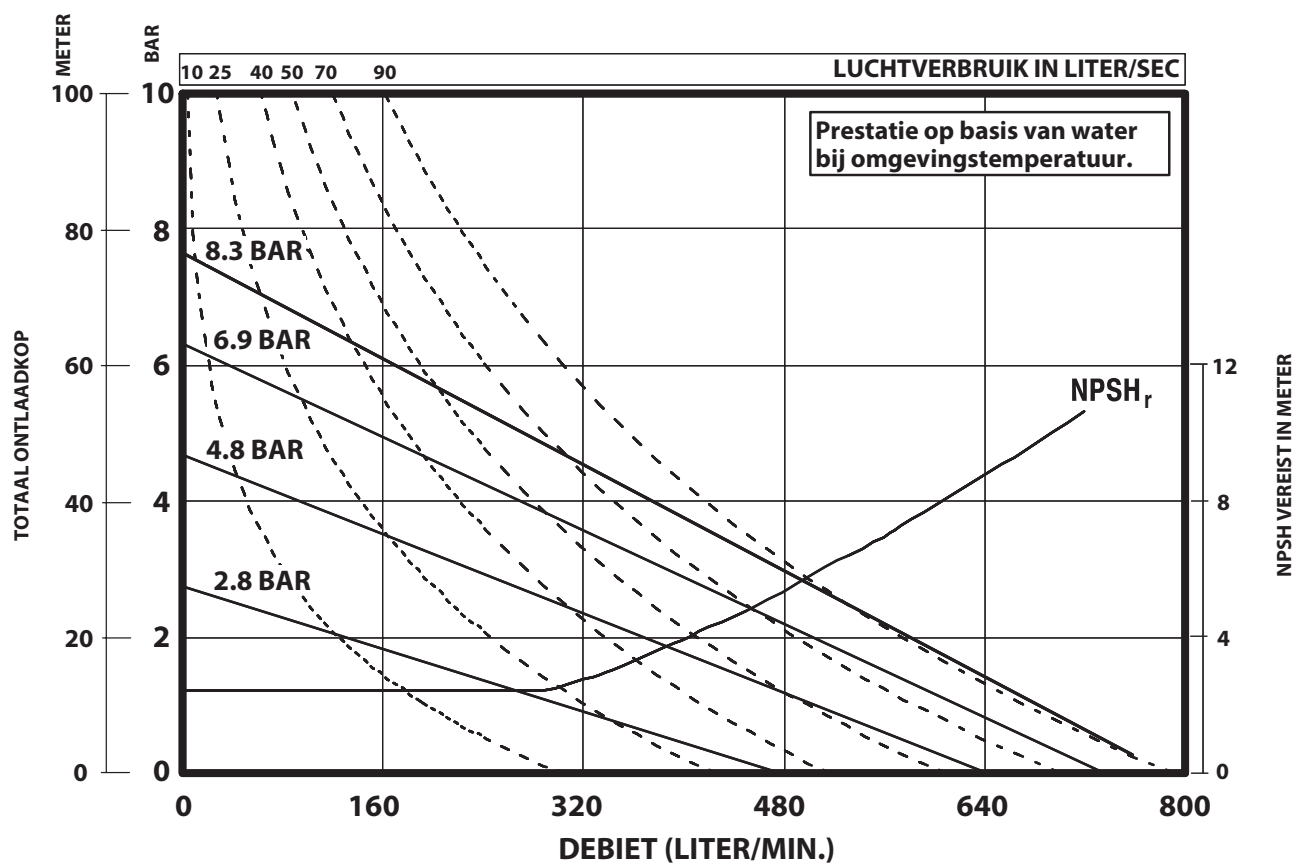
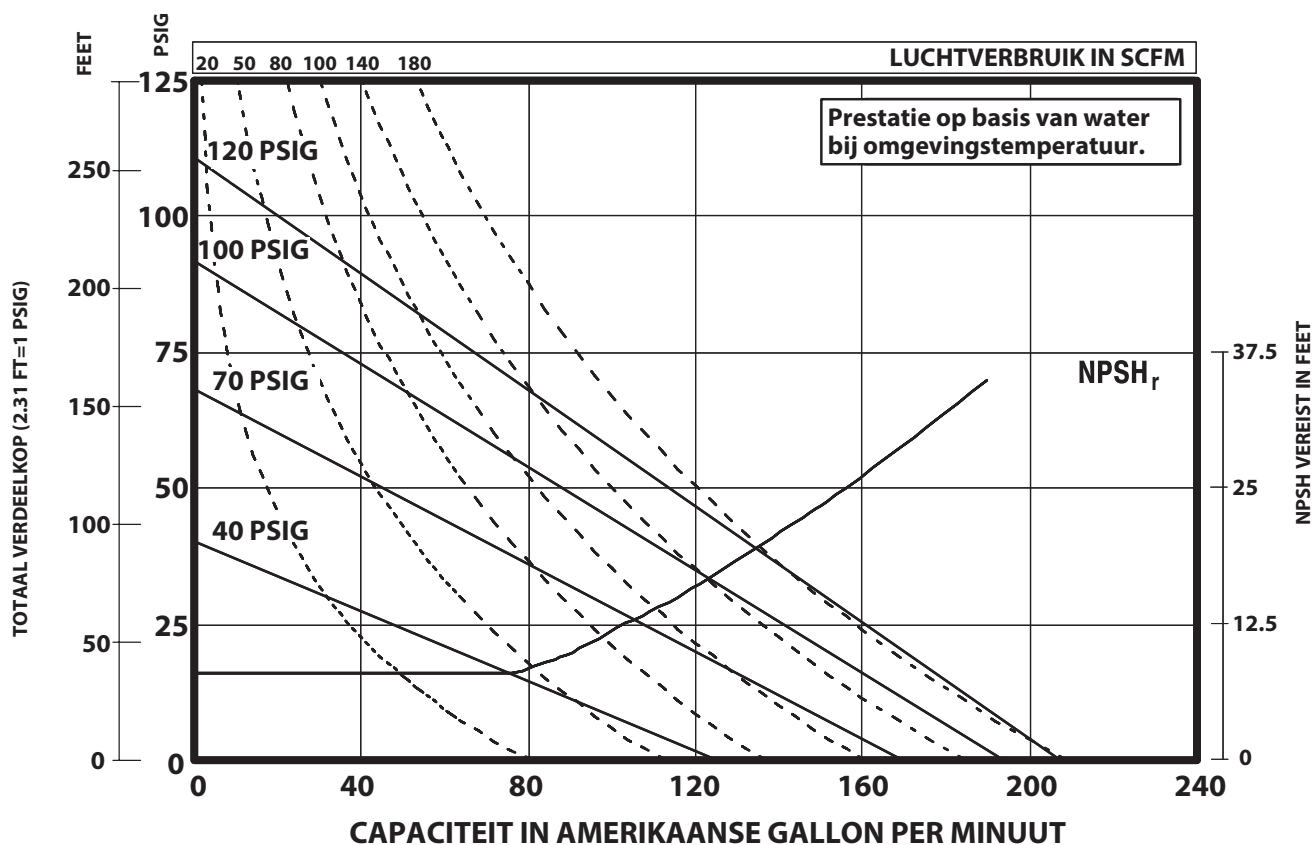
PRESTATIECURVEN

PD30R-XXX-XXX-CXXX EN PE30R-XXX-XXX-CXXX METALEN MEMBRAANPOMP VAN 3"



PRESTATIECURVEN

PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX METALEN MEMBRAANPOMP VAN 3"

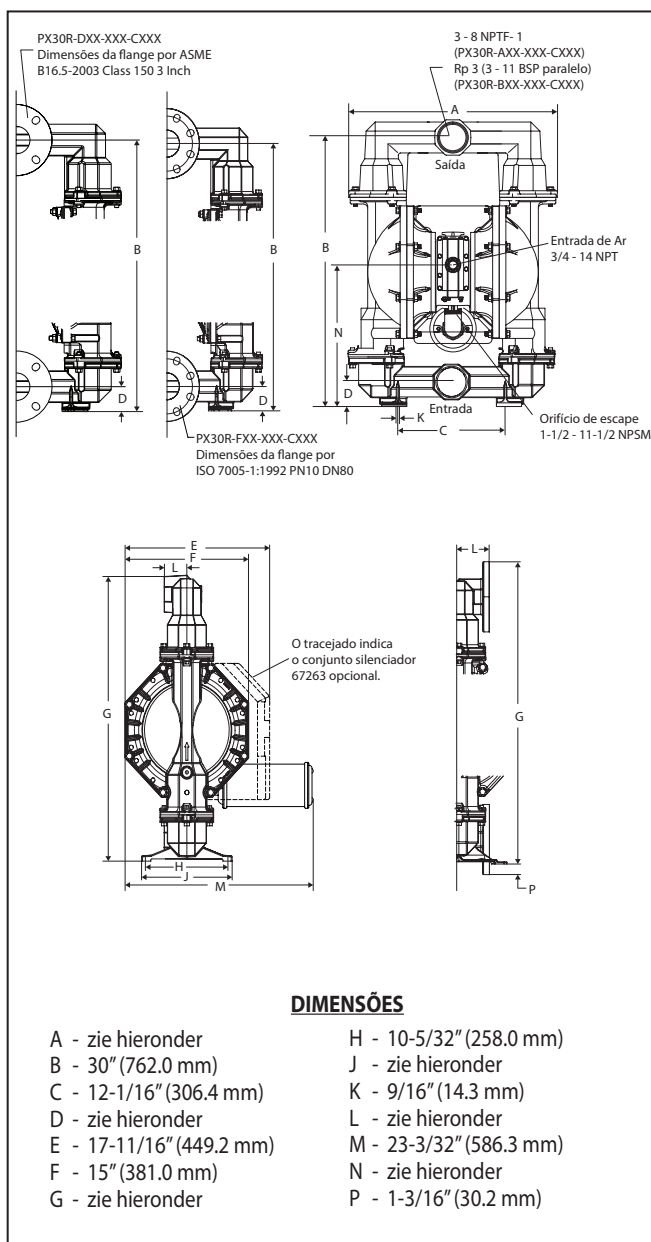


DADOS DE VENDAS E ENGENHARIA

PD30R-XXX-XXX-CXXX E PE30R-XXX-XXX-CXXX BOMBA DE DIAFRAGMA METÁLICA DE 3 POL.

RELAÇÃO SÉRIE:	1:1
INTERVALO LÍQUIDOS EM PSIG:	20 - 120
LANÇADO:	1-20-15
REVISTA:	11-30-17
(REV: B)	S-1589

DADOS DIMENSIONAIS



ACESSÓRIOS:

66109 Kit de conexão de entrada de ar
67263 Kit do orifício de escape
94117 Silenciador

ESPECIFICAÇÕES

CONSTRUÇÃO

Série do modelo	PD30R-XXX-XXX-CXXX PE30R-XXX-XXX-CXXX
Tipo de bomba	Metálica, Ar comprimido, Diafragma duplo
Relação	1:1
Entrada/ saída de material (fêmea)	
PX30R-AXX-XXX-CXXX	3 - 8 NPTF - 1
PX30R-BXX-XXX-CXXX	Rp 3 (3 - 11 BSP paralelo)
PX30R-DXX-XXX-CXXX	3" ANSI Flange (4 Furos)
PX30R-FXX-XXX-CXXX	3" DIN Flange (8 Furos)
Entrada de ar (fêmea)	3/4 - 14 NPT
Escape de ar (fêmea)	1-1/2 - 11-1/2 NPSM
Peso	PX30R-XCX-XXX-CXXX 221.1 lbs (100.3 kgs) PX30R-ASX-XXX-CXXX, BSX... 228.8 lbs (103.8 kgs) PX30R-FSX-XXX-CXXX, -DSX... 245.6 lbs (111.4 kgs)

Kit de reparação da secção de ar 637369
Kit de reparação da secção de líquidos (sem assento) . 637303-XX
Kit de reparação da secção de líquidos (com assento) . 637303-XXX

com assento	PX30R-XXX-XXX-CXXX	sem assento
637303-XXX		637303-XX
Material do diafragma		Material do diafragma
Material da esfera		Material da esfera
Material da junta		
EXEMPLO: Modelo #PD30R-ASS-SAA-C		
Kit de reparação da secção de líquidos é: 637303-AA (sem assento)		

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)
Intervalo da pressão de saída
de líquidos 20 - 120 psig (1.4 - 8.3 bar)
Fluxo máximo de líquidos 237 gpm (897 lpm)
Entrada de fluxo 275 gpm (1,041 lpm)
Tamanho máximo das partículas ... 3/8" pol. diâm. (9.5 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)
PVDF (Kynar®) 10° a 200° F (-12° a 93° C)
Nitrilo 10° a 180° F (-12° a 82° C)
Polipropileno 35° a 175° F (2° 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)
Deslocamento por ciclo a (100 psig) .. 2.8 gal. (10.6 lit.)
Nível de ruído a @ 70 psig - 50 cpm^① 83.0 dB(A)^②

Notas:

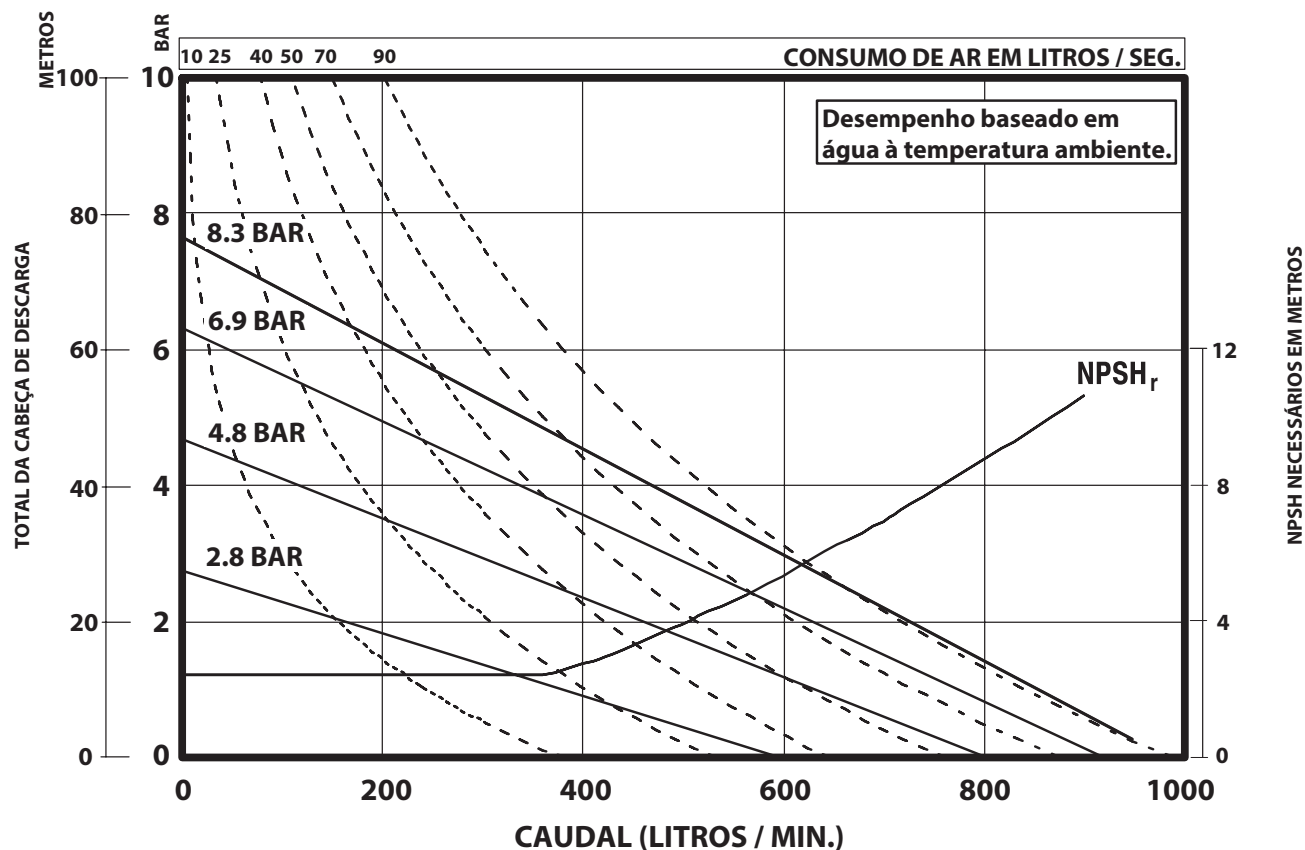
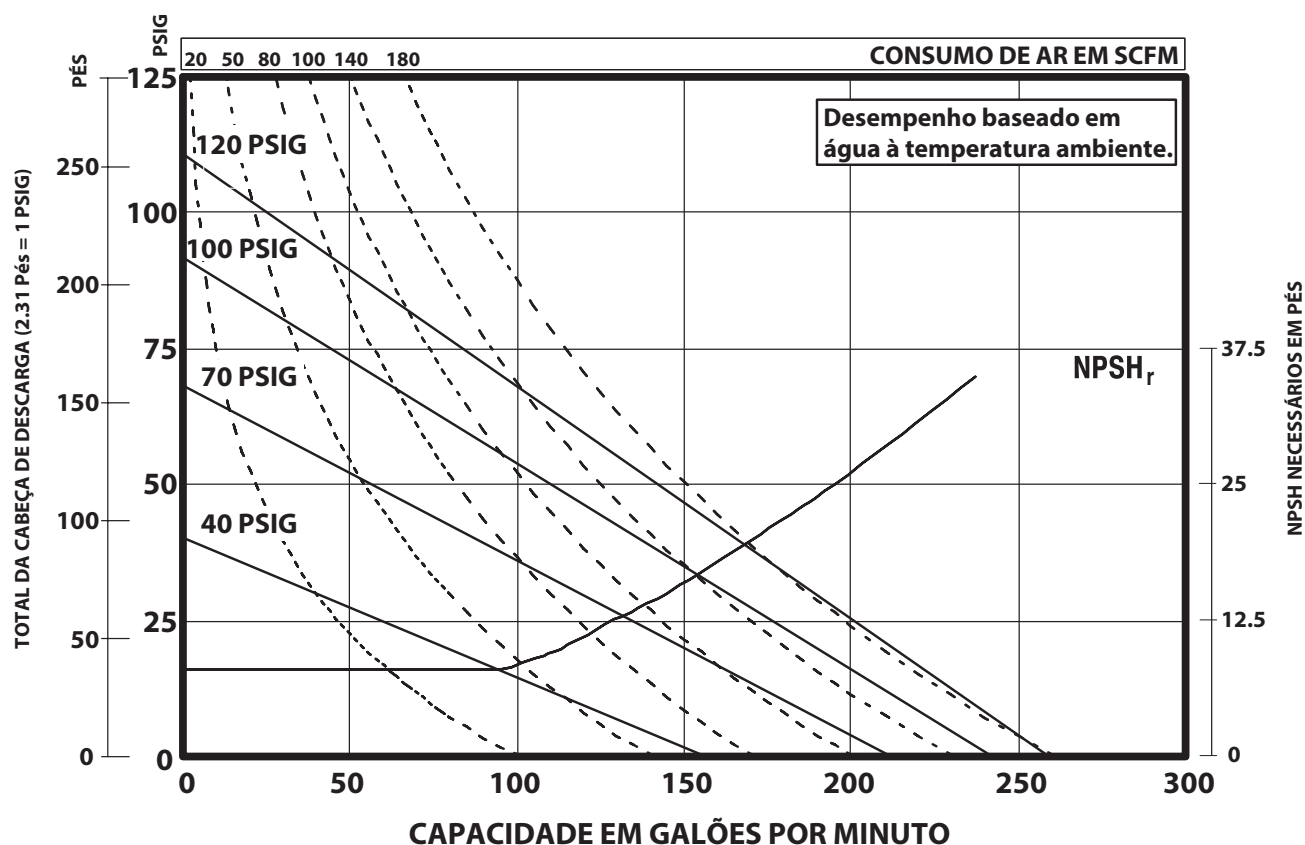
- ① Testado com o silenciador 67263 instalado.
- ② O nível de pressão sonora da bomba foi atualizado para um nível sonoro contínuo equivalente (LA_{eq}), para corresponder ao requisito da ANSI S1. 13-1971, CAGI-PNEUROP S5.1, utilizando quatro localizações de microfone.

	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)
PX30X-FXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)

NOTA: les dimensions exprimées en millimètres et en pouces sont fournies à titre de référence uniquement et sont généralement arrondies au 1.6 mm (1/16 po) le plus proche.

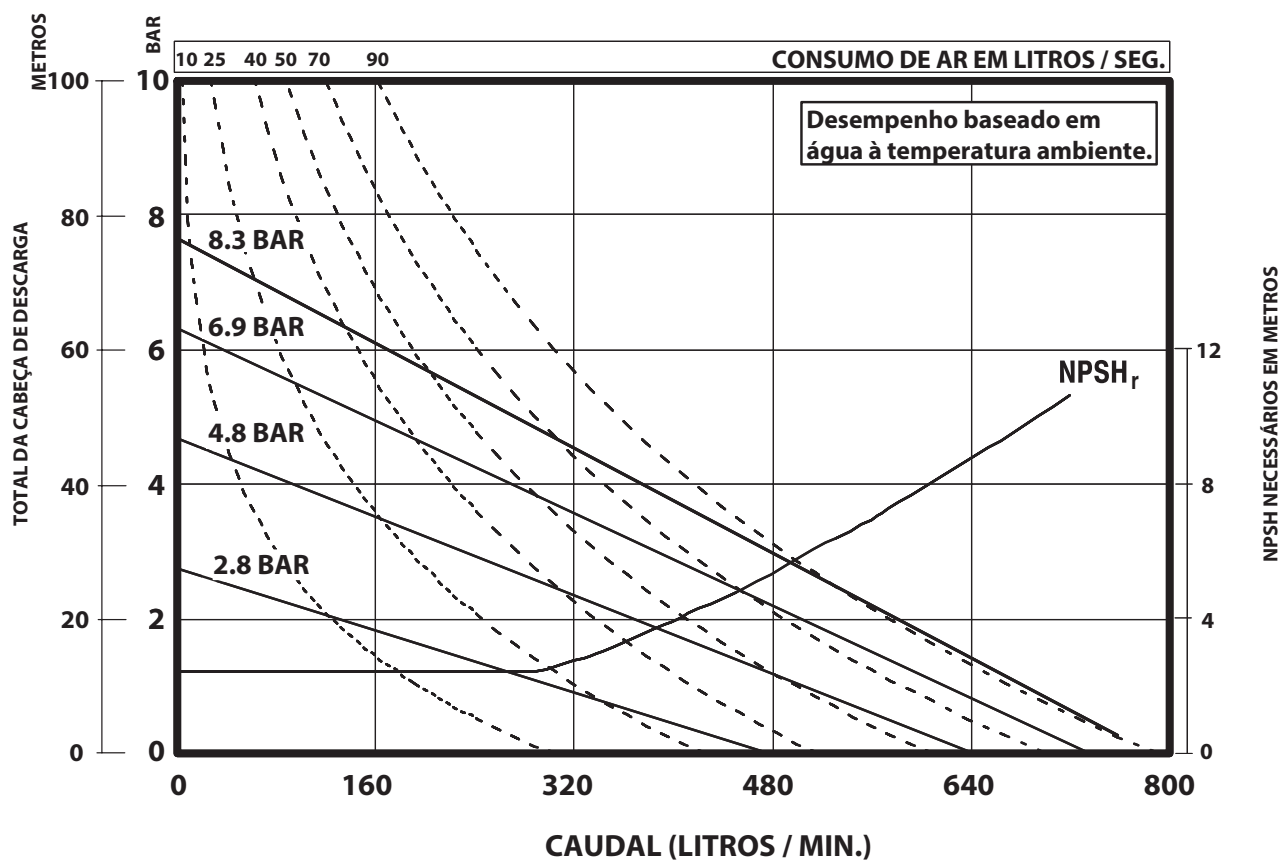
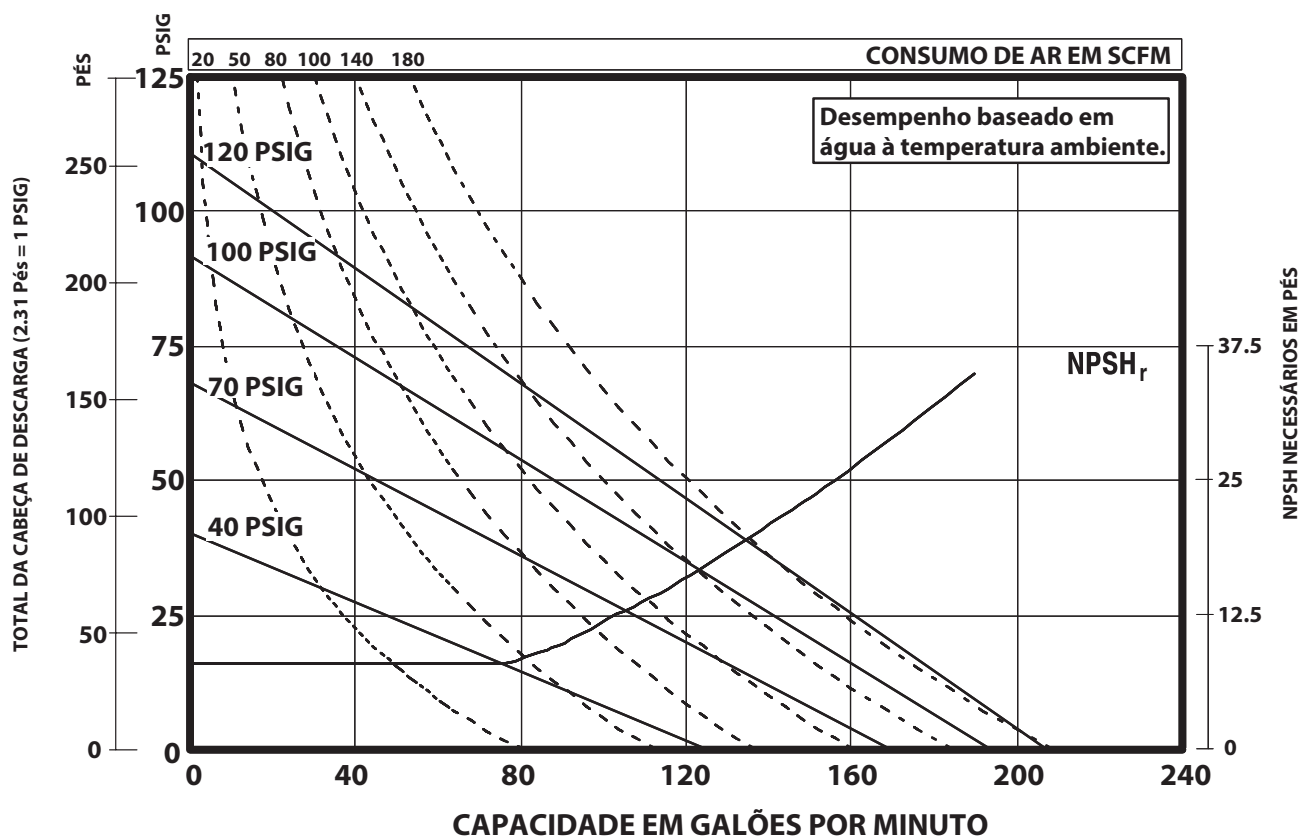
CURVAS DE DESEMPENHO

PD30R-XXX-XXX-CXXX E PE30R-XXX-XXX-CXXX BOMBA DE DIAFRAGMA METÁLICA DE 3 POL.



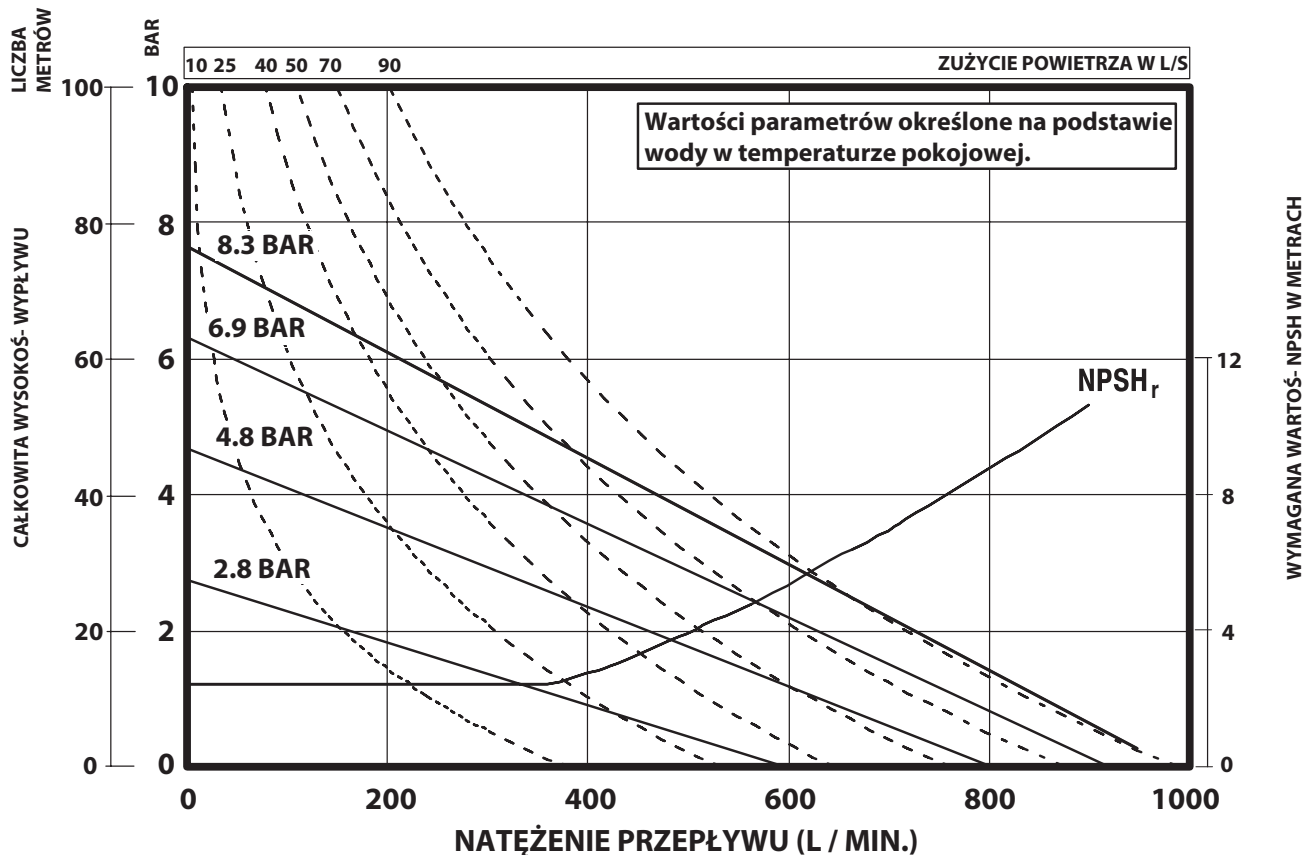
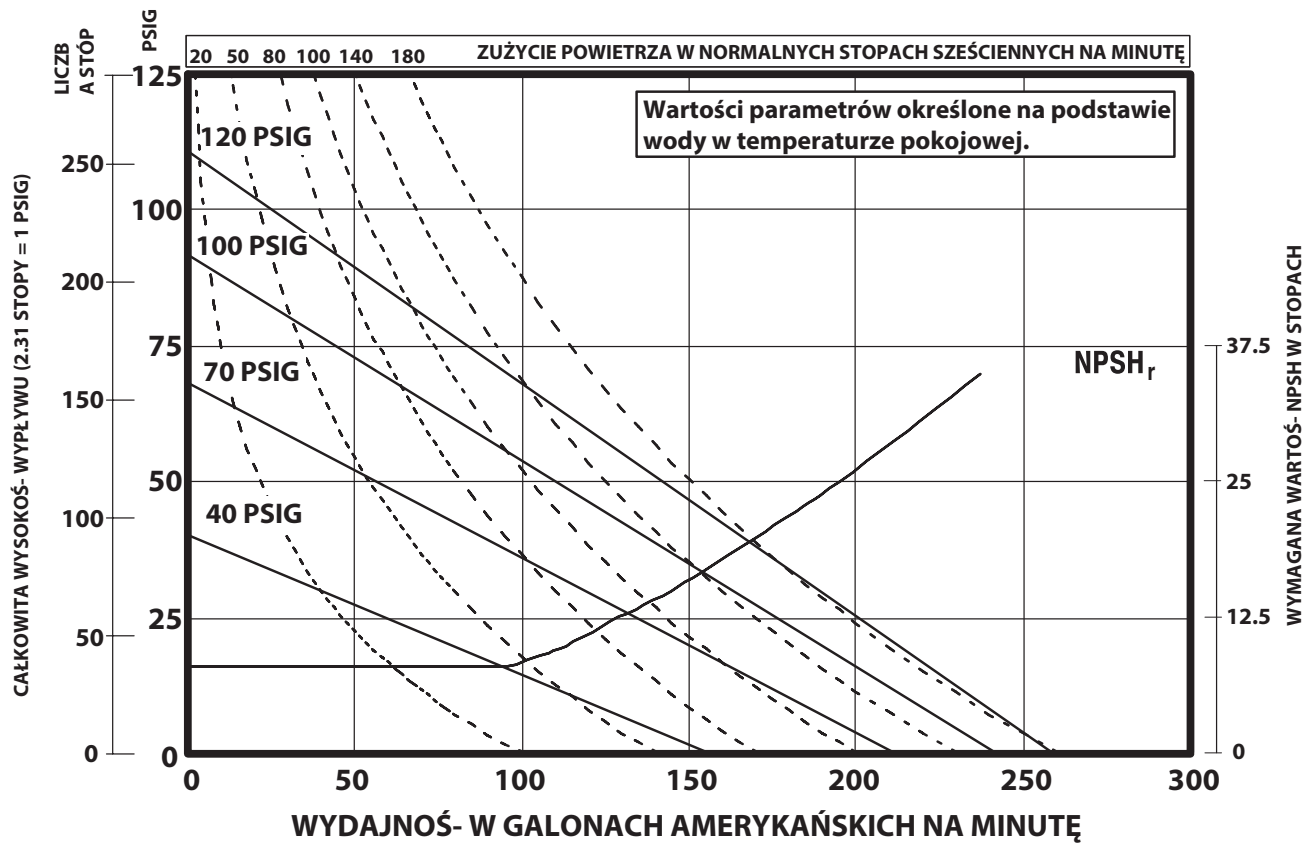
CURVAS DE DESEMPENHO

PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX BOMBA DE DIAFRAGMA METÁLICA DE 3 POL.



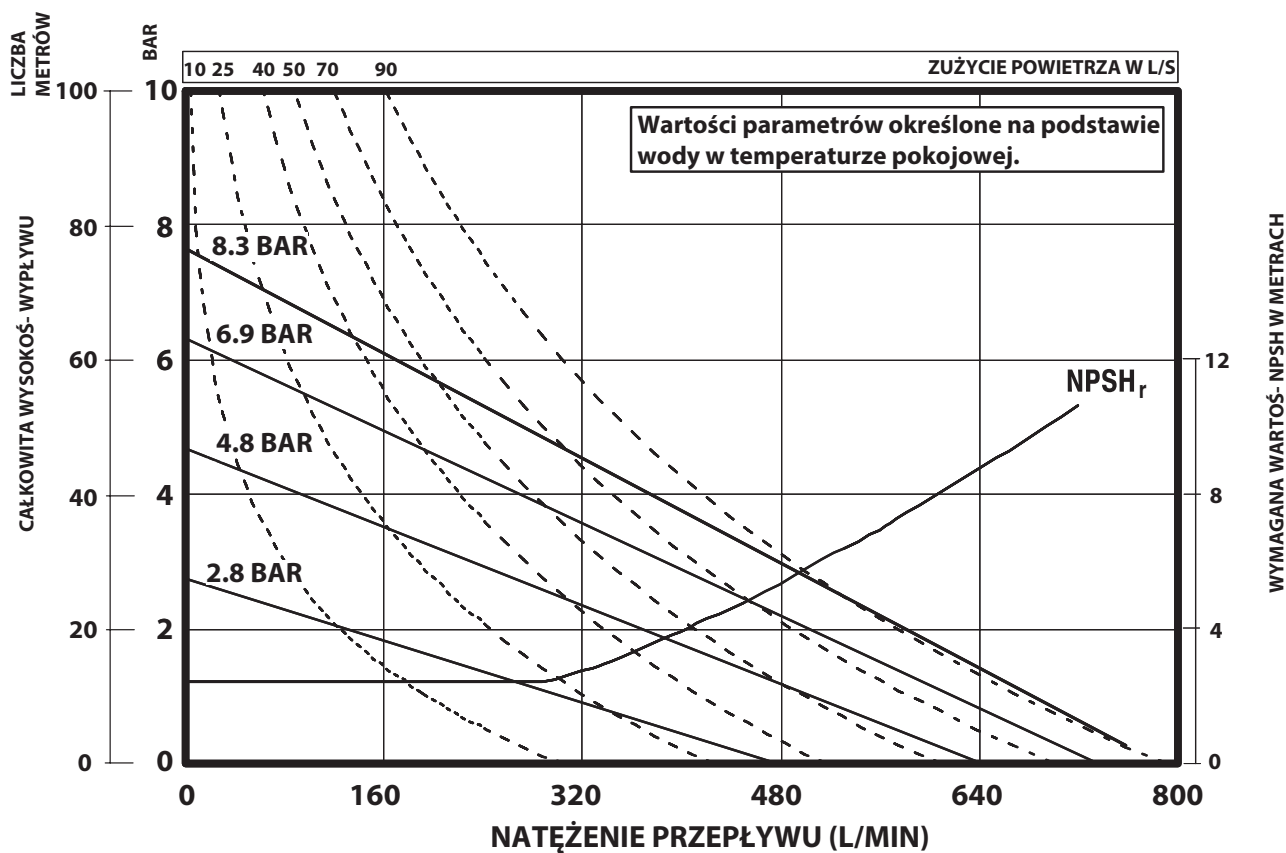
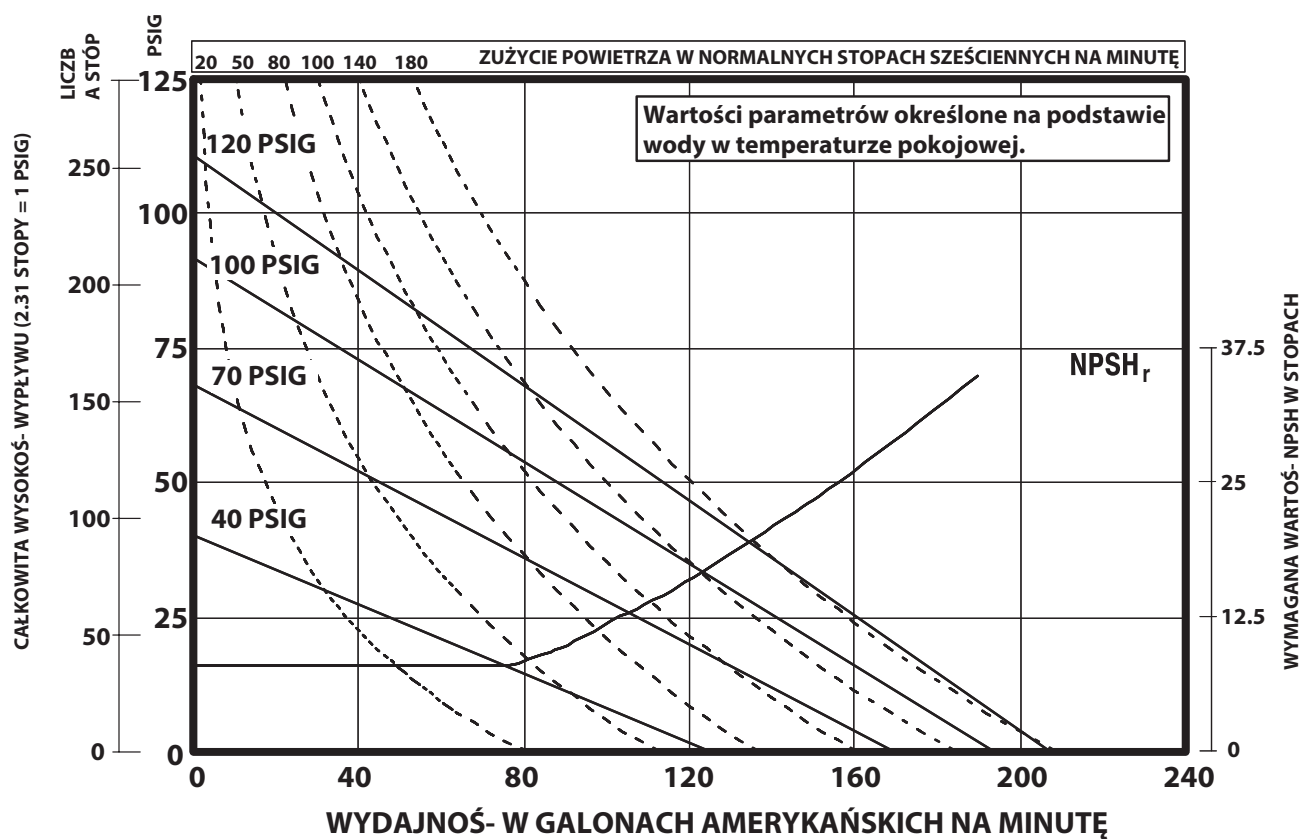
CHARAKTERYSTYKI PRACY

PD30R-XXX-XXX-CXXX I PE30R-XXX-XXX-CXXX METALOWA POMPA MEMBRANOWA 3 CALA



CHARAKTERYSTYKI PRACY

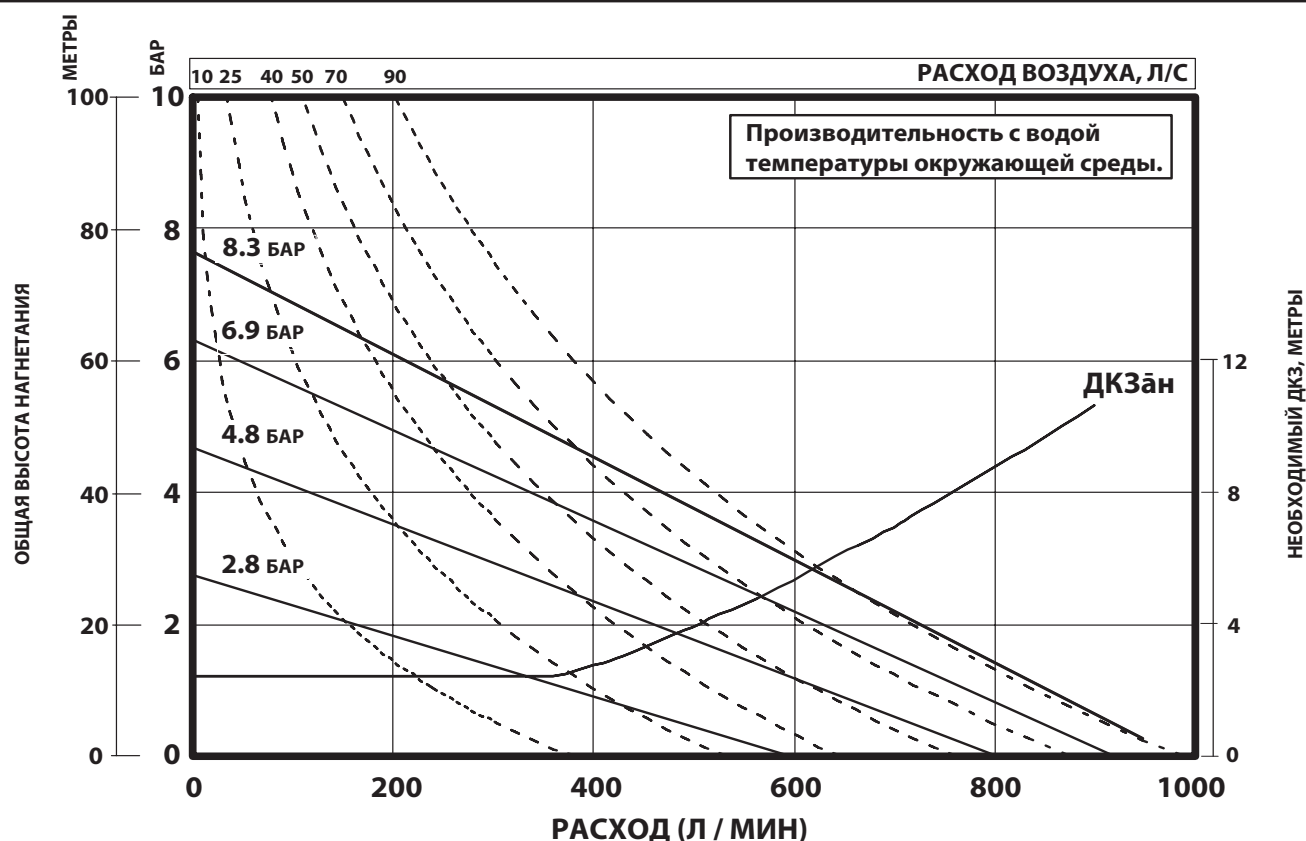
PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX METALOWA POMPA MEMBRANOWA 3 CALA



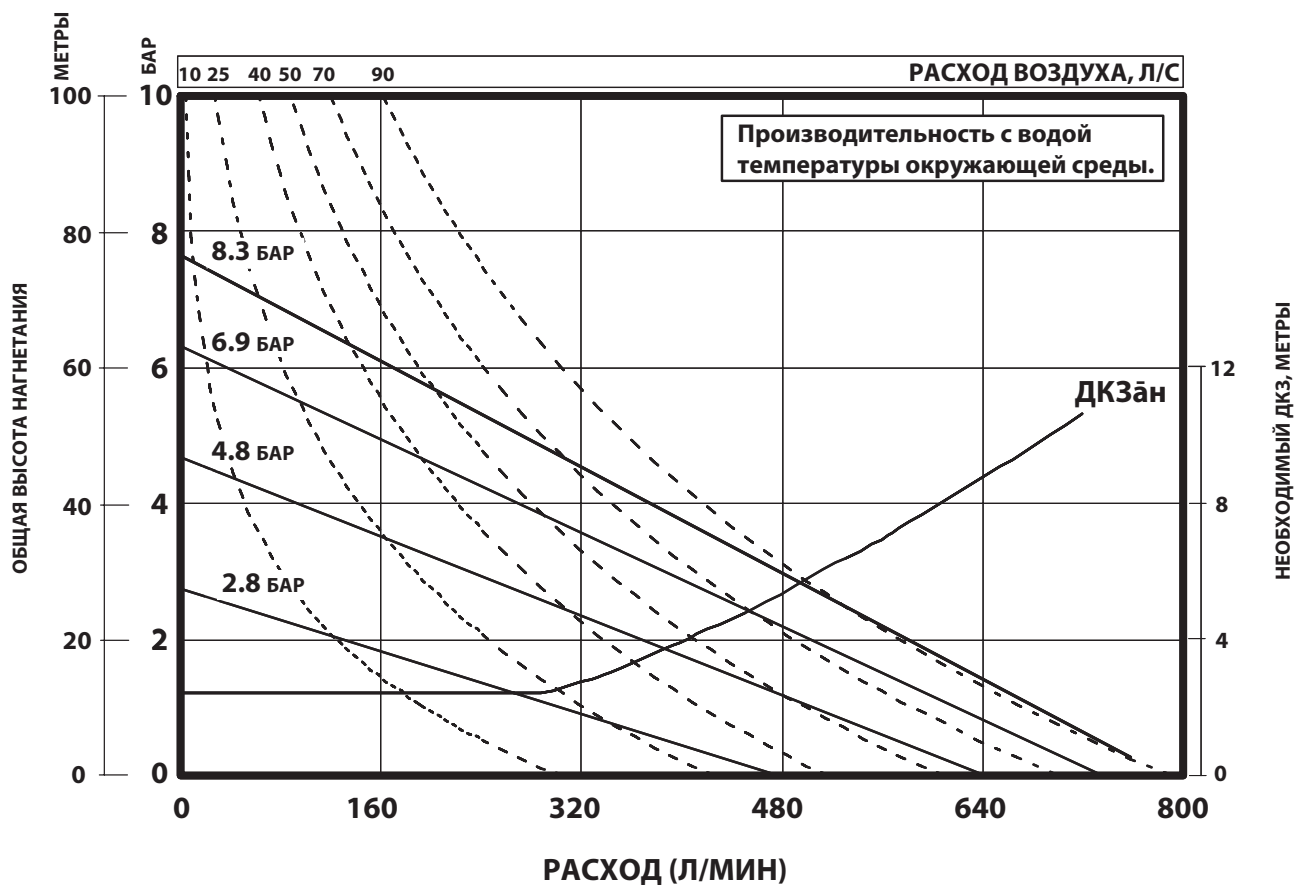
	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-ДХХ-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)
PX30X-ФХХ-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)

ПРИМЕЧАНИЕ. Размеры указаны в дюймах и (мм), поставляются только для справки и обычно округляются до ближайшего 1/16 дюйма.

КРИВАЯ ЭФФЕКТИВНОСТИ



КРИВАЯ ЭФФЕКТИВНОСТИ

РЕ30R-XXX-XXX-XXEX / РЕ30R-XXX-XXX-XXFX МЕТАЛЛИЧЕСКИЙ
МЕМБРАННЫЙ НАСОС, 3 ДЮЙМА

销售和工程数

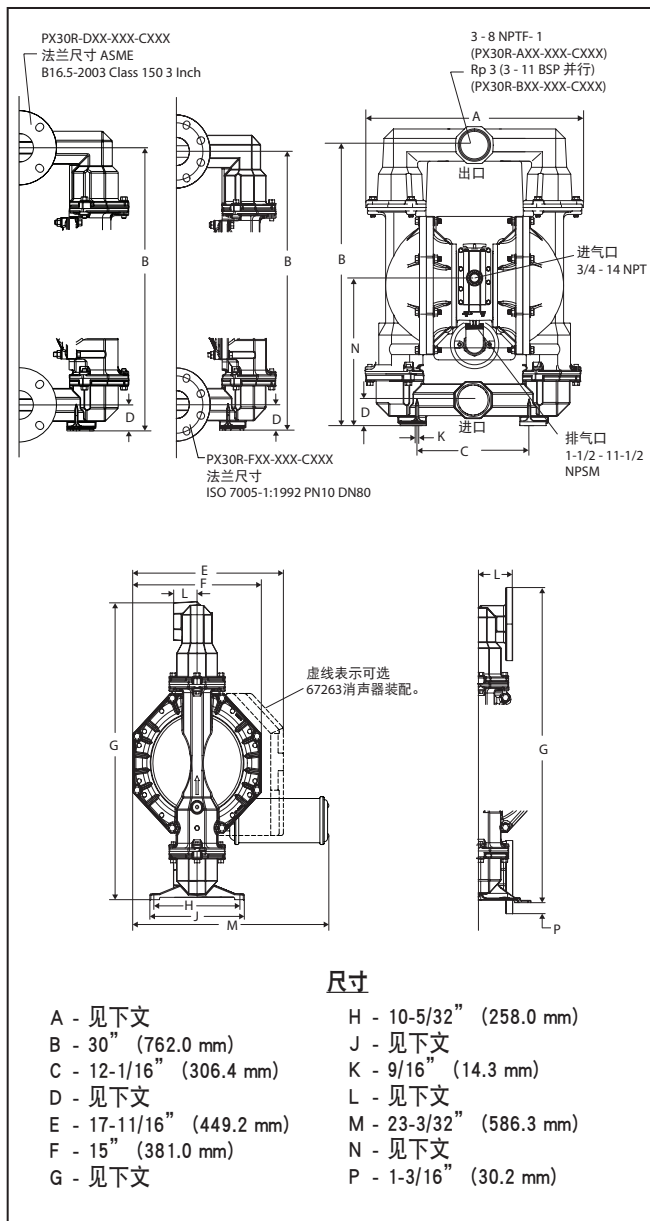
PD30R-XXX-XXX-CXXX 和 PE30R-XXX-XXX-CXXX 3" 金属隔膜泵

比率
系列: **1:1**

流体PSIG
范围: **20 - 120**

布日期: 1-20-15
修订: 11-30-17
(版本: B) S-1589

尺寸数据



附件:

66109 个空气管路连接套件
67263 装有汽门的排气套件
94117 消声器

规格

型号系列..... PD30R-XXX-XXX-CXXX
PE30R-XXX-XXX-CXXX

泵型..... 金属、气动、双隔膜

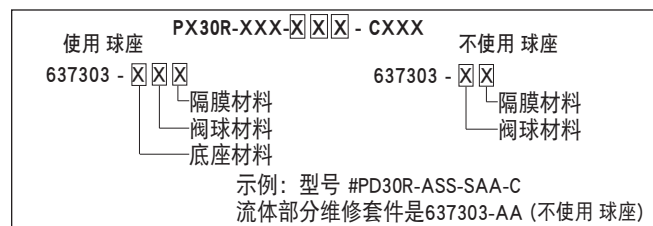
比率..... 1:1

进口口/出料口 (内螺纹)
PX30R-AXX-XXX-CXXX 3 - 8 NPTF - 1
PX30R-BXX-XXX-CXXX Rp 3 (3 - 11 BSP, 并行)
PX30R-DXX-XXX-CXXX 3" ANSI 法兰 (4 孔)
PX30R-FXX-XXX-CXXX 3" DIN 法兰 (8 孔)

进气口 (内螺纹) 3/4 - 14 NPT
排气口 (内螺纹) 1-1/2 - 11-1/2 NPSM

重量..... PX30R-XCX-XXX-CXXX 221.1 lbs (100.3 kgs)
PX30R-ASX-XXX-CXXX, BSX 228.8 lbs (103.8 kgs)
PX30R-FSX-XXX-CXXX, DSX 245.6 lbs (111.4 kgs)

空气部分维修套件..... 637369
流体部分维修套件 (不使用 球座)..... 637303-XX
流体部分维修套件 (使用 球座)..... 637303-XXX



性能

进气口压力范围..... 20 - 120 psig (1.4 - 8.3 bar)
最大进料压力..... 10 psig (0.69 bar)
流体出口压力范围..... 20 - 120 psig (1.4 - 8.3 bar)
最大流速..... 237 gpm (897 lpm)
灌注..... 275 gpm (1,041 lpm)
最大颗粒尺寸..... 直径3/8" (9.5 mm)

最大温度极限 (隔膜/球/密封材料)

E.P.R / EPDM..... -60° 至 280° F (-51° 至 138° C)
Hytrel®..... -20° 至 180° F (-29° 至 82° C)
PVDF (Kynar®)..... 10° 至 200° F (-12° 至 93° C)
腈..... 10° 至 180° F (-12° 至 82° C)
聚丙烯..... 35° 至 175° F (2° 至 79° C)
Santoprene®..... -40° 至 225° F (-40° 至 107° C)
PTFE..... 40° 至 225° F (4° 至 107° C)
氟橡胶®..... -40° 至 350° F (-40° 至 177° C)

100 psig..... 2.8 gal. (10.6 lit.)
条件下的排量/循环

噪音等级 @ 70 psig - 50 cpm^① .. 83.0 dB(A)^②

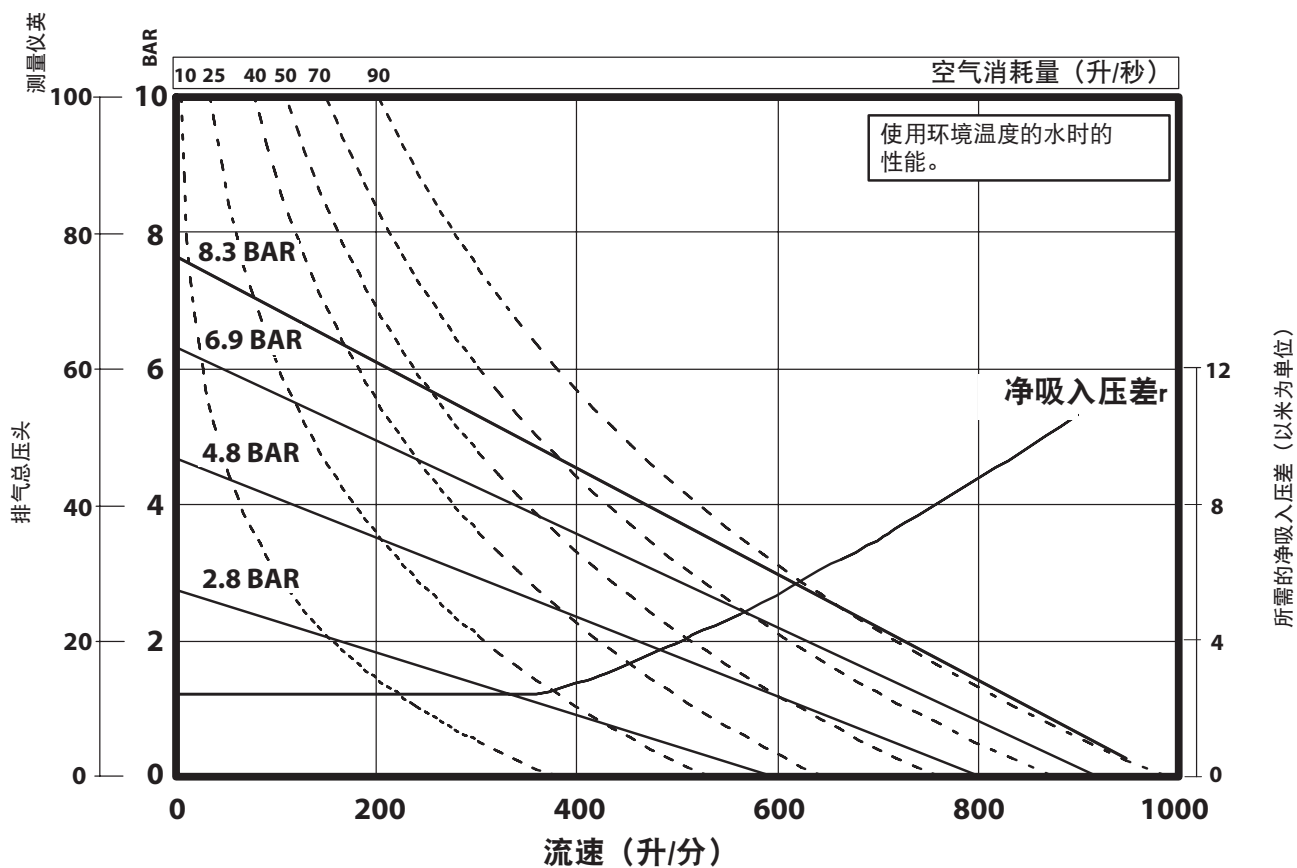
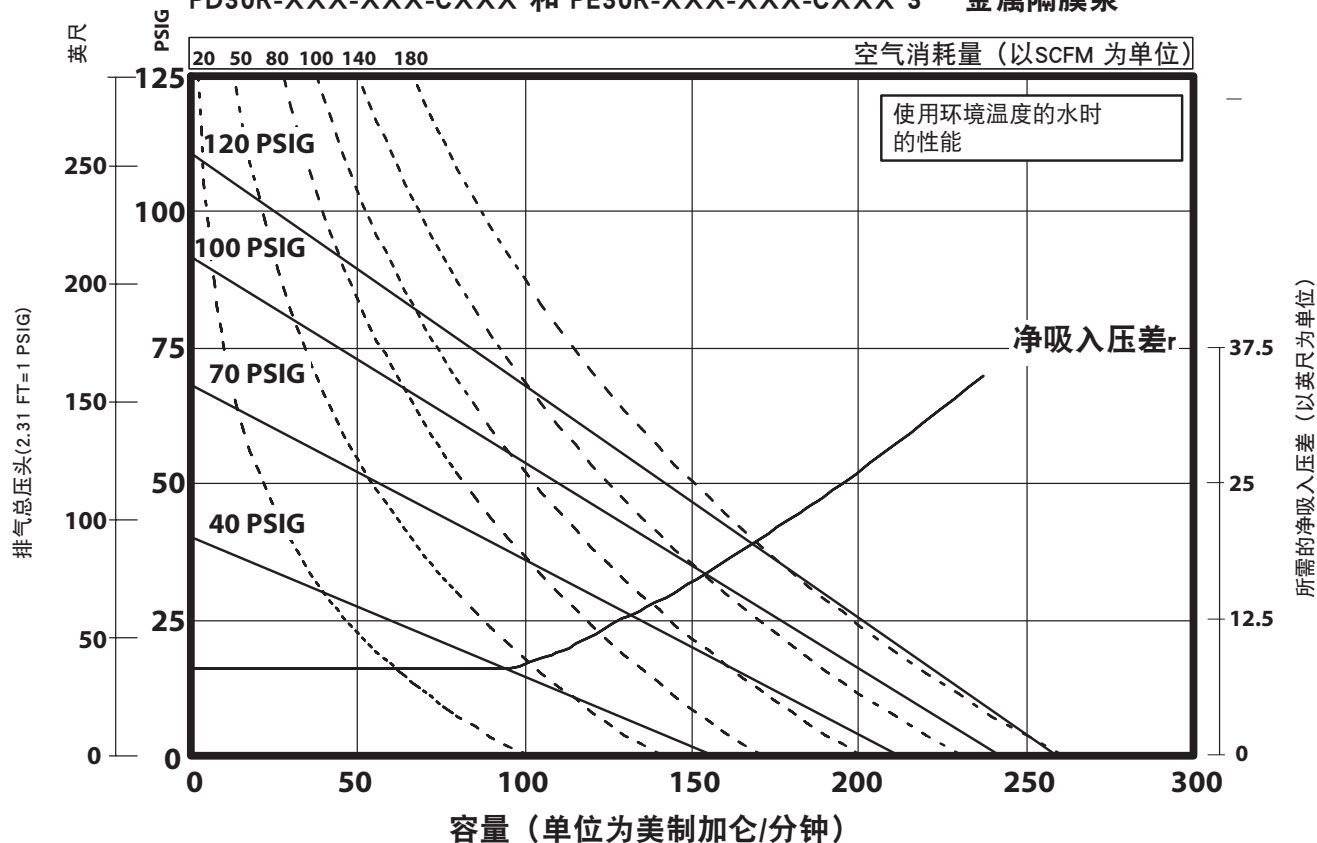
备注:

- ① 利用安装好的67263 消声器组件进行测试。
- ② 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)。

	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	33-15/16" (862.0 mm)	33-15/16" (862.0 mm)
PX30X-FXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	33-15/16" (862.0 mm)	33-15/16" (862.0 mm)

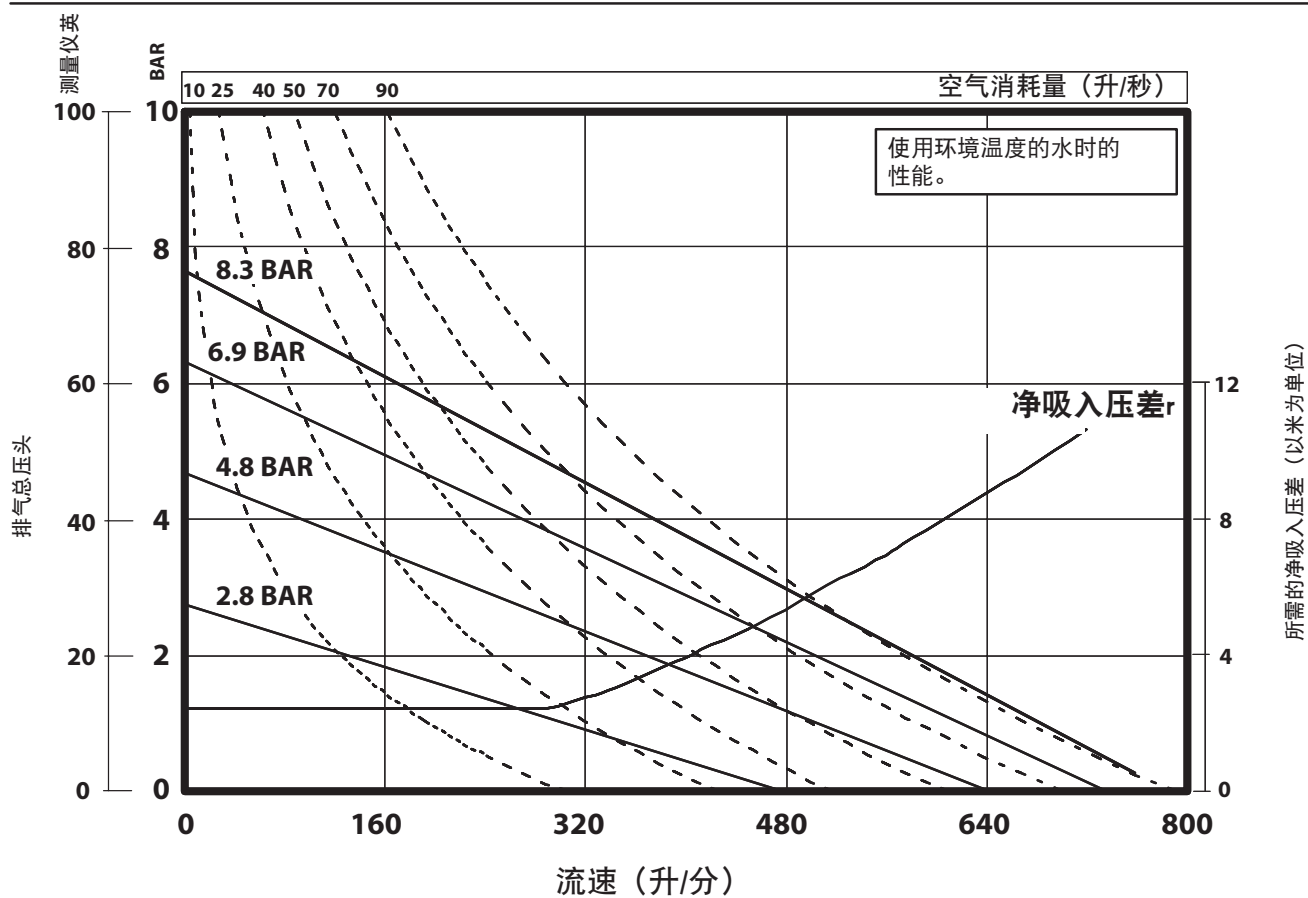
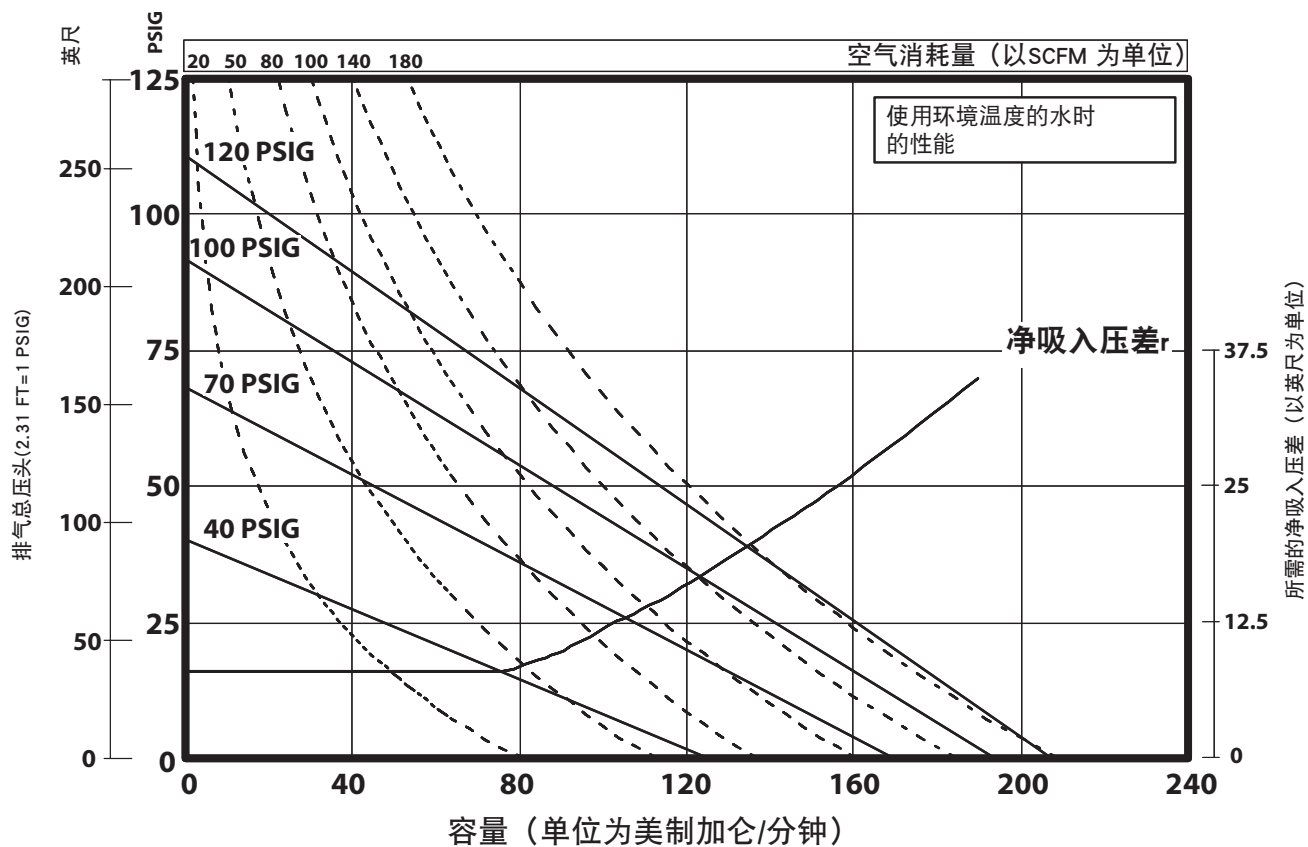
备注: 尺寸以英寸和 (毫米) 表示, 仅供参考, 通常四舍五入到1/16英寸。

PD30R-XXX-XXX-CXXX 和 PE30R-XXX-XXX-CXXX 3" 金属隔膜泵



性能曲线

PE30R-XXX-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX 3" 金属隔膜泵



セールスそしてエンジニアリングデー

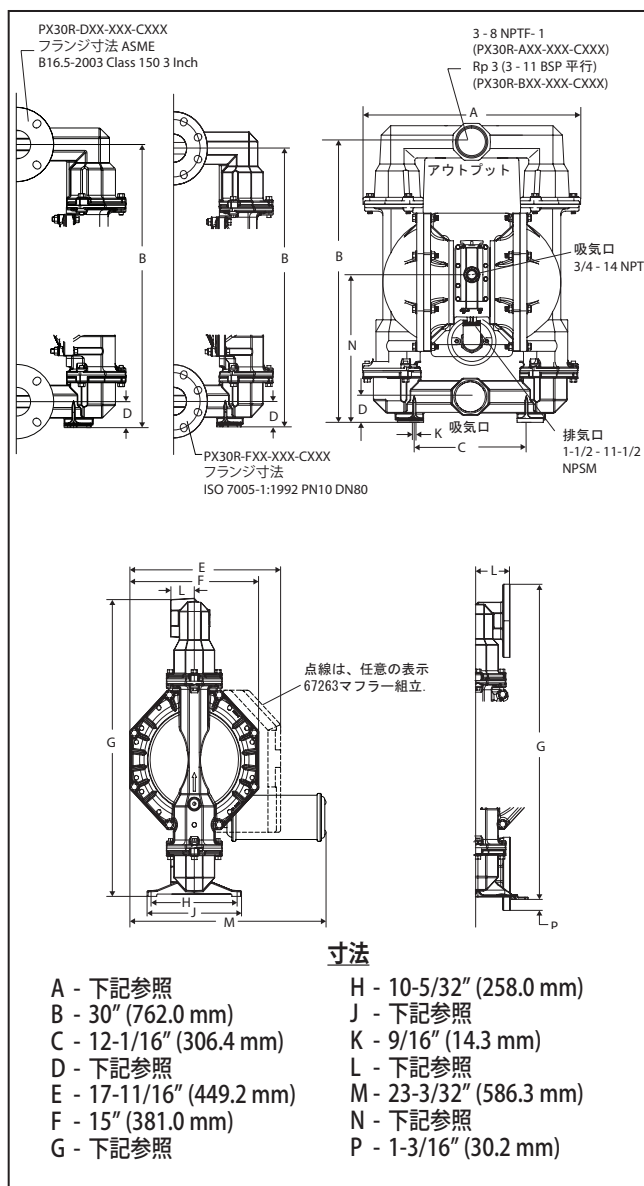
PD30R-XXX-XXX-CXXX そして PE30R-XXX-XXX-CXXX 3" メタリックダイヤフラムポンプ

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: 11-30-17
(REV: B) S-1589

寸法データ



付属品:

66109 空気ライン接続キット
67263 ポートつき排気口キット
94117 マフラー

仕様

モデルシリーズ	PD30R-XXX-XXX-CXXX PE30R-XXX-XXX-CXXX
ポンプタイプ	メタリック、空気式、 ダブルダイヤフラム
比率	1:1
吸入口/吐出(メス)	
PX30R-AXX-XXX-CXXX	3 - 8 NPTF - 1
PX30R-BXX-XXX-CXXX	Rp 3 (3 - 11 BSP 平行)
PX30R-DXX-XXX-CXXX	3" ANSI フランジ (4 穴)
PX30R-FXX-XXX-CXXX	3" DIN フランジ (8 穴)
給気口(メス)	3/4 - 14 NPT
排気口(メス)	1-1/2 - 11-1/2 NPSM
重量	
PX30R-XCX-XXX-CXXX	221.1 lbs (100.3 kgs)
PX30R-ASX-XXX-CXXX, BSX	228.8 lbs (103.8 kgs)
PX30R-FSX-XXX-CXXX, DSX	245.6 lbs (111.4 kgs)

エアセクションサービスキット 637369
流体セクションサービスキット (制御なしシート) ... 637303-XX
流体セクションサービスキット (〜とシート) 637303-XXX

〜とシート	PX30R-XXX- XXX -CXXX	制御なしシート
637303- XXX	ダイヤフラム材料 ボール材料 シート材料	637303- XXX ダイヤフラム材料 ボール材料
例: モデル#PD30R-ASS-SAA-C 流体セクションサービスキットは637309-AA (制御なしシート)		

性能

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)
流体吐出圧力範囲	20 - 120 psig (1.4 - 8.3 バール)
最大フローレート	237 gpm (897 lpm)
洪水入り口	275 gpm (1,041 lpm)
通過物質の最大寸法	直径 3.8" (9.5 mm)
最大温度制限 (ダイヤフラム/ ボール/シート素材)	
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)
PVDF (Kynar®)	10° から 200° F (-12° から 93° C)
ニトリル	10° から 180° F (-12° から 82° C)
ポリプロピレン	35° から 175° F (2° 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)
バイトン®	-40° から 350° F (-40° から 177° C)

サイクルあたりの変位@ 100 psig .. 2.8 ガロン (10.6 リットル)
騒音レベル @ 70 psig - 50 cpm^① ... 83.0 dB(A)^②

注:

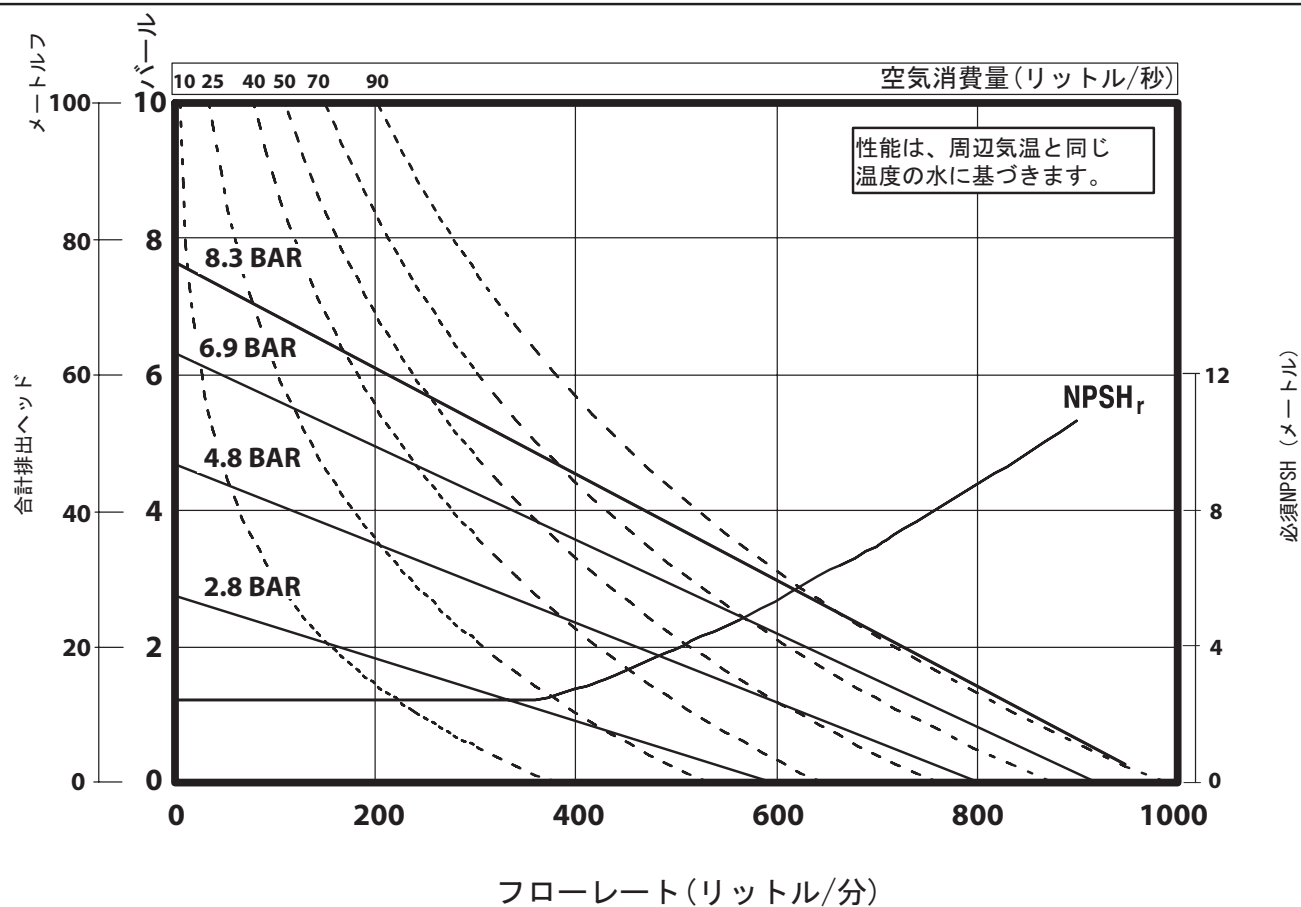
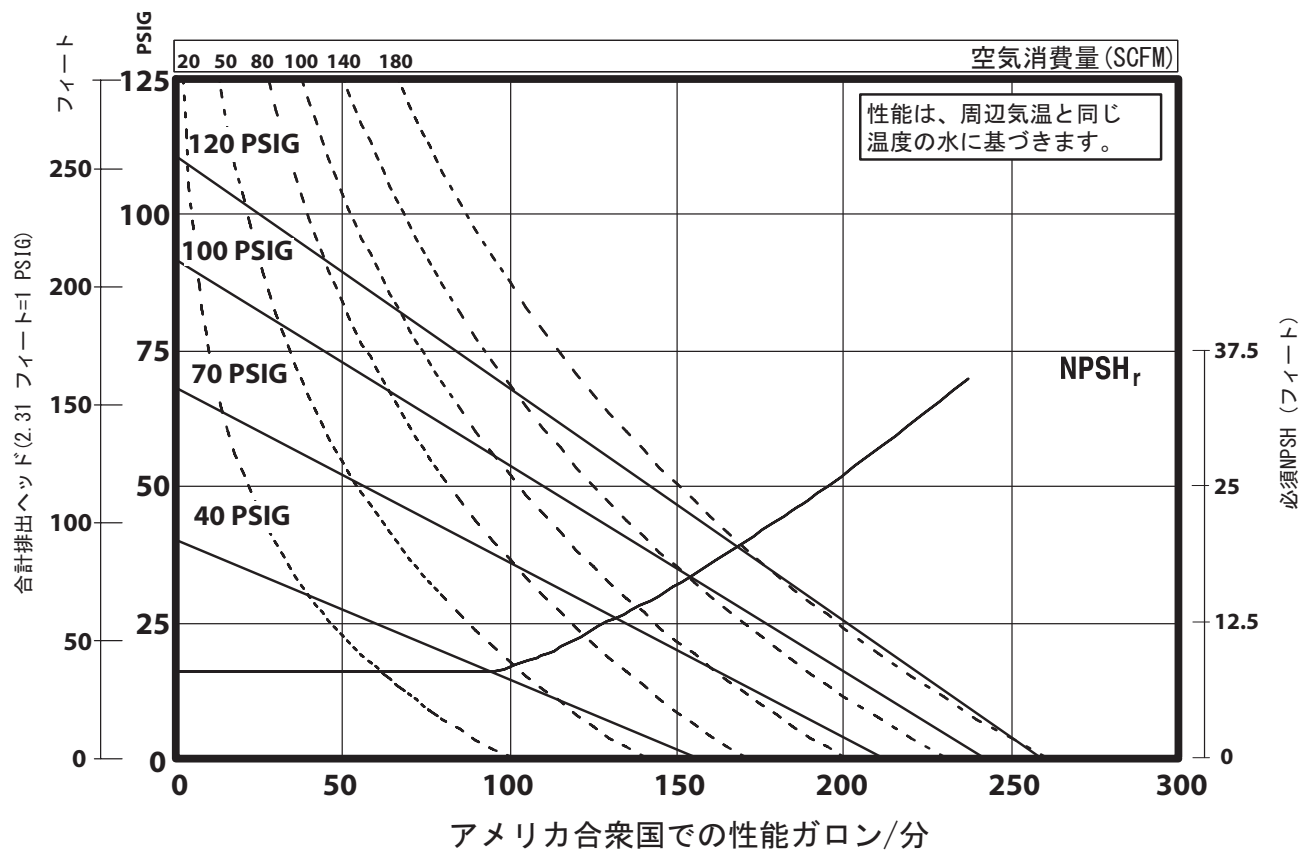
- ① 67263 マフラーアセンブリを搭載した状態でテストしています。
- ② ANSI S11 の趣旨に適合するよう、ポンプ音圧レベルは等価騒音レベル (LA_{eq}) への表記に変更しました。13-1971, CAGI-PNEUROP S5.1 は4つのマイク位置を使用。

	"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX	23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX	23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-FXX-XXX-CXXX	23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)

備考: 寸法はインチおよびメートル法(mm)で表記されており、参照のみを目的としています。通常1/16 インチで切り捨てられています。

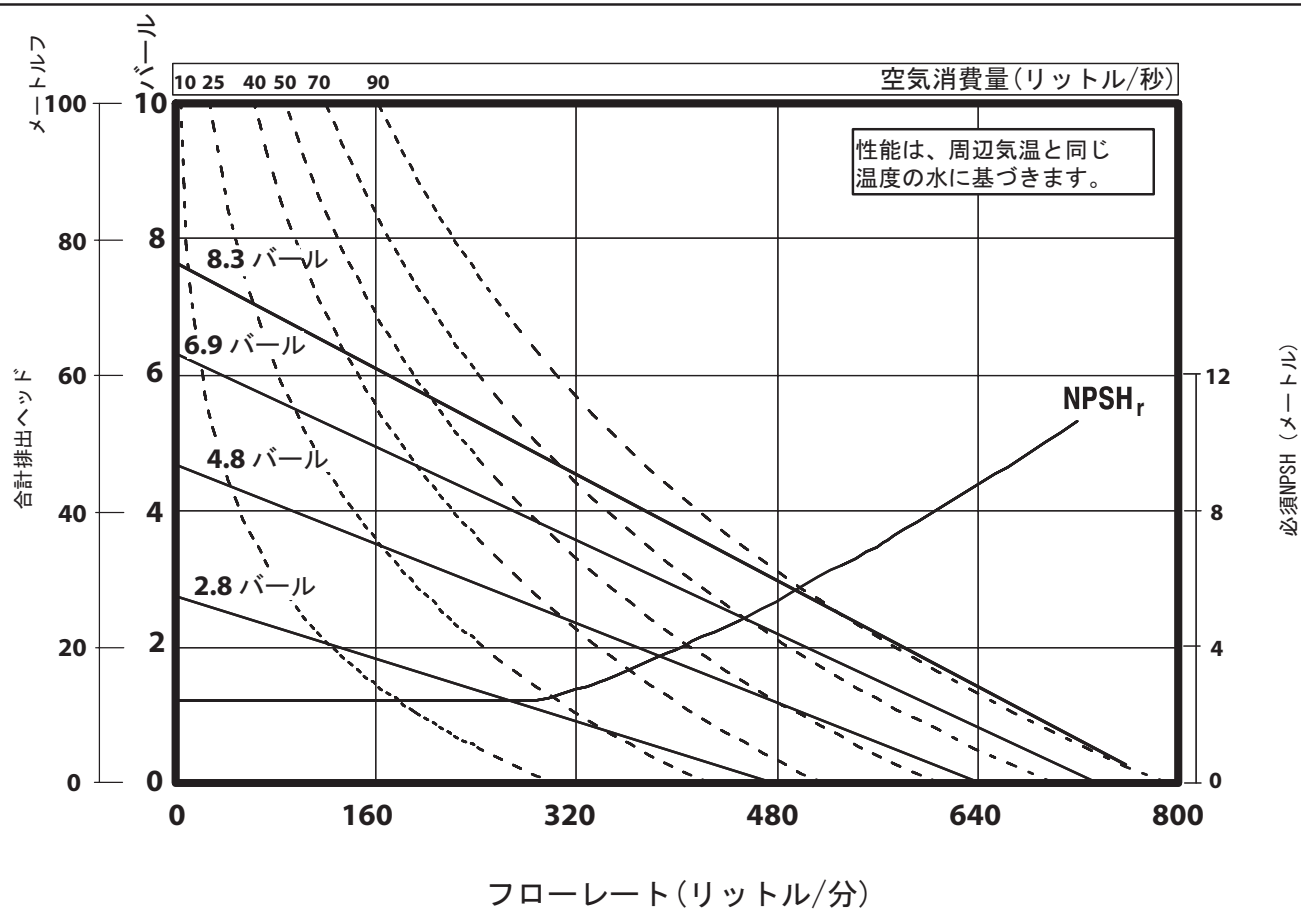
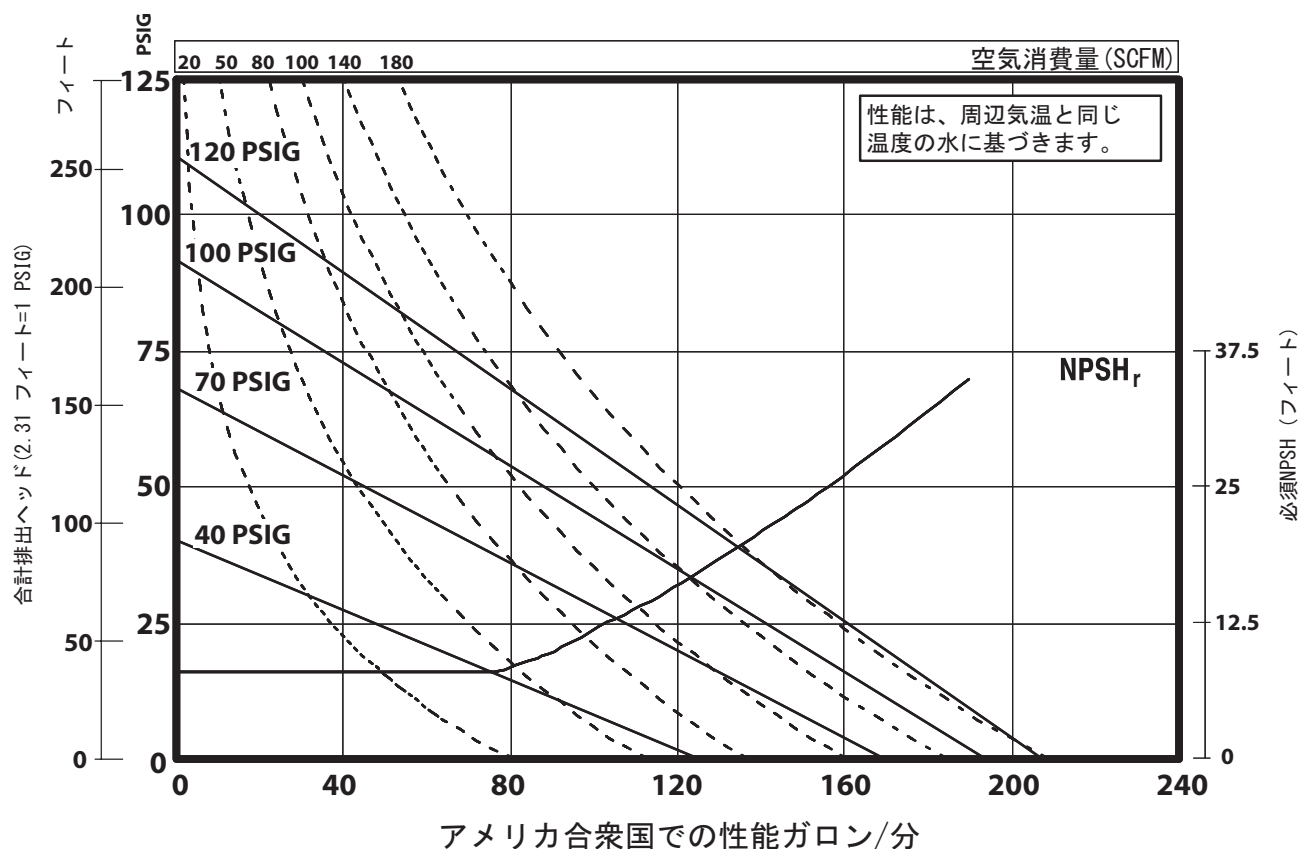
性能曲線

PD30R-XXX-XXX-CXXX そして PE30R-XXX-XXX-CXXX 3" メタリックダイアフラムポンプ



性能曲線

PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX 3" メタリックダイアフラムポンプ



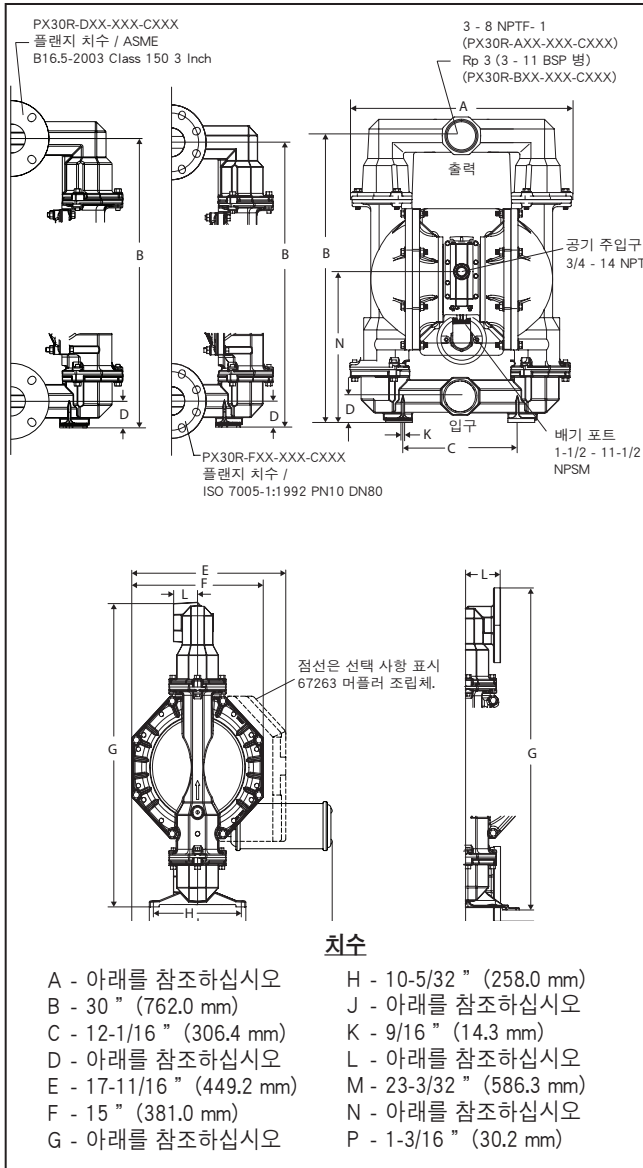
영업 및 엔지니어링 데이터

PD30R-XXX-XXX-CXXX 및 PE30R-XXX-XXX-CXXX 3" 금속성 격막 펌프

비율 시리즈:	1:1
용액 PSIG 범위:	20 - 120

출시:	1-20-15
개정:	11-30-17
(개정: B)	S-1589

치수 데이터



액세서리:

66109 공기선 연결 키트
67263 포트드 배기 포트
94117 머플러

규격

모델 시리즈	PD30R-XXX-XXX-CXXX PE30R-XXX-XXX-CXXX
펌프 종류	금속 공기 작동 금속 이중 격막
비율	1:1
재료 흡입구/배출구 (암)	PX30R-AXX-XXX-CXXX 3 - 8 NPTF - 1 PX30R-BXX-XXX-CXXX Rp 3 (3 - 11 BSP 병) PX30R-DXX-XXX-CXXX 3" ANSI 플랜지 (4 구멍) PX30R-FXX-XXX-CXXX 3" DIN 플랜지 (8 구멍)
공기 흡입구 (암)	3/4 - 14 NPT
공기 배기 (암)	1-1/2 - 11-1/2 NPSM
무게	PX30R-XCX-XXX-CXXX 221.1 lbs (100.3 kgs) PX30R-ASX-XXX-CXXX, BSX 228.8 lbs (103.8 kgs) PX30R-FSX-XXX-CXXX, DSX 245.6 lbs (111.4 kgs)

공기 부분 서비스 키트	637369
용액 부분 서비스 키트 (없이 시트)	637303-XX
용액 부분 서비스 키트 (와 시트)	637303-XXX

와 시트	PX30R-XXX- XXX -CXXX	없이 시트
637303- XXX	격막 재료 구 재료 시트 재료	637303- XX 격막 재료 구 재료
예: 모델 번호 PD30R-ASS-SAA-C 용액 부분 서비스 키트: 637303-AA (없이 시트)		

성능

공기 흡입구 압력 범위	20 - 120 psig (1.4 - 8.3 바)
최대 재료 흡입구 압력	10 psig (0.69 바)
용액 배출구 압력 범위	20 - 120 psig (1.4 - 8.3 바)
최대 유량	237 gpm (897 lpm)
분출 주입	275 gpm (1,041 lpm)
최대 입자 크기	3/8" 다이아 (9.5 mm)
최대 온도 제한 (격막/구/시트 재료)	
E.P.R./EPDM	-60°~280° F (-51°~138° C)
Hytrel®	-20°~180° F (-29°~82° C)
PVDF (Kynar®)	10°~200° F (-12°~93° C)
니트릴	10°~180° F (-12°~82° C)
폴리프로필렌	35°~175° F (2°~79° C)
Santoprene®	-40°~225° F (-40°~107° C)
PTFE	40°~225° F (4°~107° C)
Viton®	-40°~350° F (-40°~177° C)

변위/사이클 (100psig 기준)	2.8 갤런 (10.6 리터)
소음 수준 (70psig - 50 cpm 기준) ①	83.0 dB(A) ②

참고:

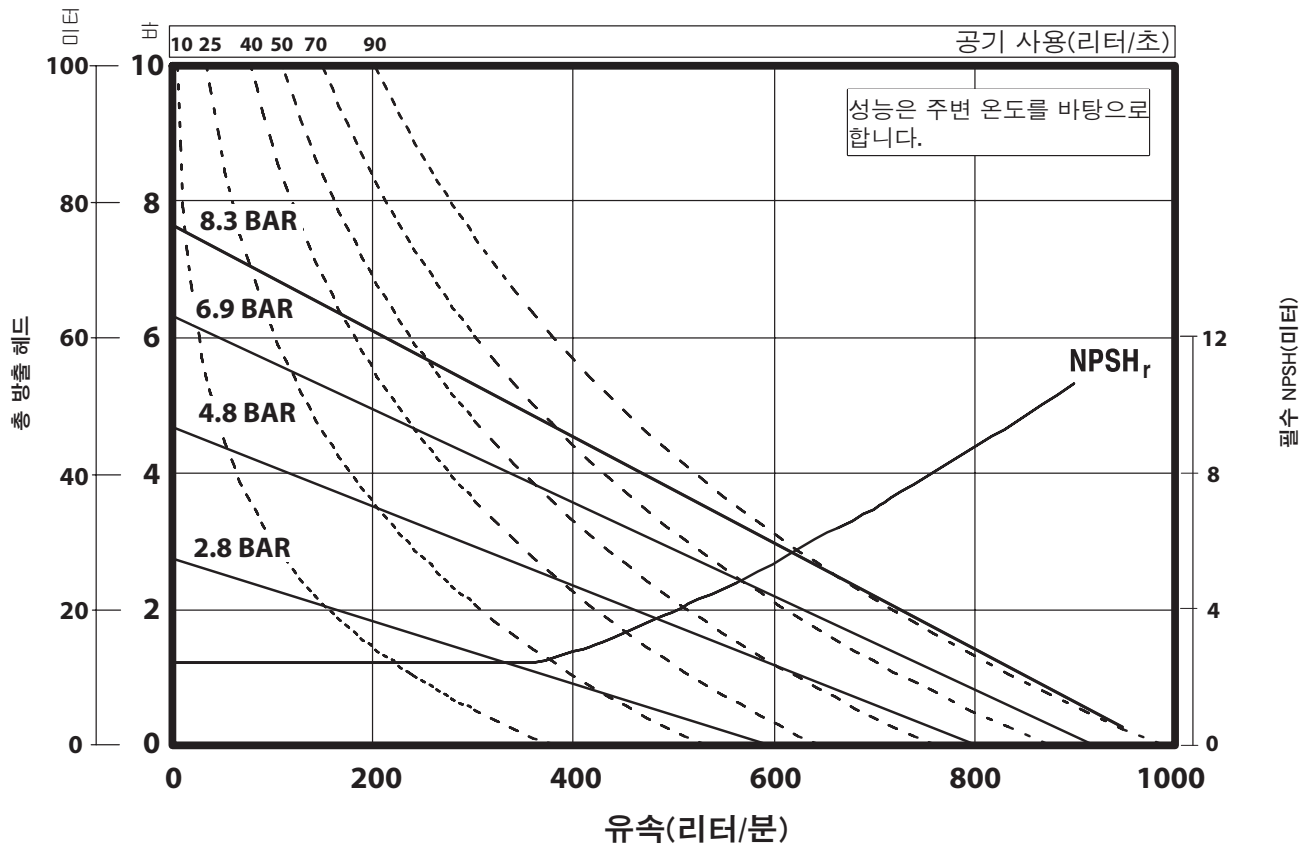
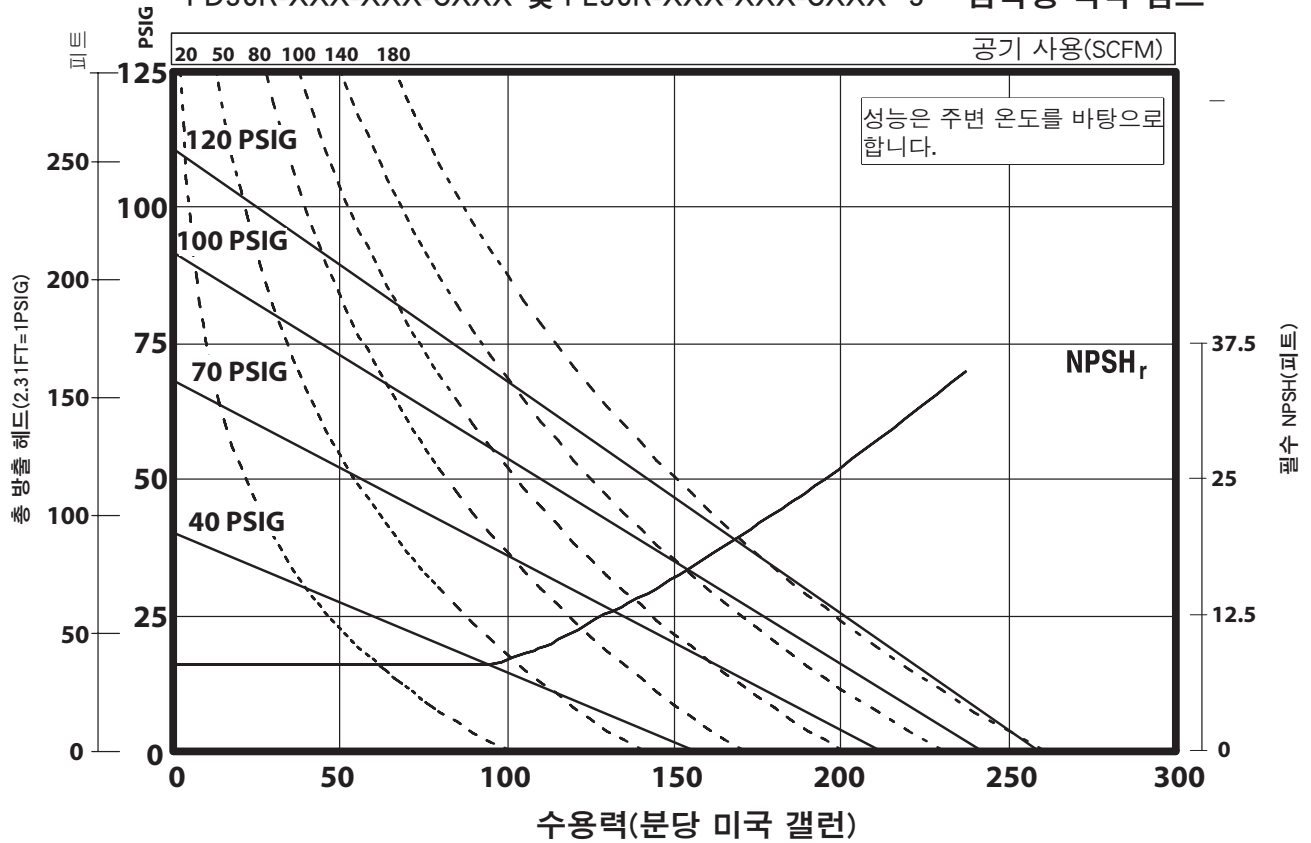
- 67263 머플러 조립체를 설치하여 테스트하였습니다.
- 펌프 사운드 압력 레벨은 동등 연속 사운드 레벨(LA_{eq})로 업데이트되었습니다. 130이는 4개의 마이크 위치를 이용하여 ANSI S1. -1971, CAGI-PNEUROP S5.1의 목적에 부합하도록 하기 위함입니다.

"A"	"D"	"J"	"N"	"L"	"G"
PX30X-XAX-XXX-CXXX 23-5/8" (600.1 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XCX-XXX-CXXX 23-5/8" (600.1 mm)	2-7/16" (61.9 mm)	11-11/16" (296.9 mm)	15-1/2" (393.7 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XHX-XXX-CXXX 23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-XSX-XXX-CXXX 23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	2-3/4" (69.9 mm)	32" (812.8 mm)
PX30X-DXX-XXX-CXXX 23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)
PX30X-FXX-XXX-CXXX 23-1/8" (587.4 mm)	2-3/4" (69.9 mm)	11-11/16" (296.9 mm)	16" (406.4 mm)	3-3/4" (95.25 mm)	33-15/16" (862.0 mm)

참고: 치수는 참고 용으로 제공되는 인치 및 (mm) 단위로 표시되며 일반적으로 1/16 인치 단위로 반올림됩니다.

성능 커브

PD30R-XXX-XXX-CXXX 및 PE30R-XXX-XXX-CXXX 3" 금속성 격막 펌프



성능 커브

PE30R-XXX-XXX-XXEX / PE30R-XXX-XXX-XXFX 3" 금속성 격막 펌프

