

SHIGEMITSU

HEAVY DUTY AIR COMPRESSOR

耐久性のあるエアコンプレッサー



耐久性のあるエアコンプレッサー

SHIGEMITSU MACHINERY CO., LTD.



WE MAKE IT STRONG



SHIGEMITSU

HEAVY DUTY AIR COMPRESSOR



SAVE OUR EARTH - BE ECO FRIENDLY



OUR VALUE

Long lasting customer relationships have resulted from our extensive knowledge of markets and applications combined with innovation, cost-effective & environmental friendly.

Shigemitsu engineers permanently develop new products to fulfill today's demand and explore to new environmental technology. We endeavour to improve our products lifetime and reduce maintenance and unprecedented level through continuous research & improvements.

We committed to value our products to earth & our clients. The innovation will still remain to increase our value.

価値

革新性、コスト効果及び環境にやさしい使用と広範囲な市場の知識に裏打ちされた顧客との長い付き合い。

シゲミツのエンジニアは今日の需要を満たすため又新しい環境技術を調査するため新製品を絶え間なく開発します。

我々は絶え間ないリサーチと改善を通じ製品の寿命、メンテナンスの短縮の改善に努力致します。

地球と我々のクライアントに対し我々の製品の価値を約束致します。我々の価値を高めるため改革を続けます。

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Oil Free (Oilless)
Air Compressor



WE MAKE IT STRONG



FEATURES

Shigemitsu O Series medical grade oilless air compressor apply new generation of special integrated electrical system, all closed advance construction, dust prevention, high speed adoption, etc. O series are the most silent oilless air compressor compare with others. It developed with sound proof construction, extra tight on engine pack. O Series very small in size & light. It's safe to use for medical treatment, food processing, hygiene process, human daily life, etc.

特徴

シゲミツ Oシリーズ メディカル オイルフリー エアコンプレッサーは新時代のスペシャル インテグレートド エレクトリック システム、進化した全密閉構造、防塵、高速性を備えています。Oシリーズは 他社製品と比べて 一番音の静かなオイルフリー エアコンプレッサーです。エンジンバックは防音構造で完全に密閉されています。Oシリーズは小型で軽量です。医療、食品加工、衛生加工処置、人々の日々の生活において安全に使用で出来ます。

The Advance Technology

Due to complexity of technology, high investment of anti corrosive treatment process, most of oilless air compressor tank inside untreated well. Hence arising rust pollutes the outlet air which is danger for human health & will damage most of medical equipment in long term usage. Shigemitsu investing to develops anti corrosive treatment line special for inner of air tank. The inner wall of air tank is coated with Epoxy Resin, which is food grade. It's rust free, prolong the life time of air tank, and protect your medical equipment, for instance dentistry equipment.

先端テクノロジー

テクノロジーの複雑さ、耐腐食処理をするには高額な投資が必要なため、大抵のオイルフリーエアコンプレッサーのタンクの内側は適切な処理がなされていません。それゆえ発生する錆は排気される空気を汚染し人々の健康を損ないます又長年に使用される大抵の医療 設備を危うくします。シゲミツはエアタンクの内側の耐腐食処理の開発に投資をし、タンクの内側はエポキシ樹脂でコーティング出来るようにし食品への対応もできるようになりました。また防錆、エアタンクの寿命の延長、医療設備、たとえば歯科治療設備の防護を行います。



Profile of treated tank
処理水のプロフィール



Water samples from well treated water tank inner wall of water compressor show rust particle under electron microscope.



Clean water drain from well treated inner wall tank of Shigemitsu's air compressor.
エアコンプレッサーの処理済みタンク内壁からの排水



Rusty water drain from untreated inner wall tank of other's brand air compressor.
エアコンプレッサーの未処理タンク内壁からの排水



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Oil-free air compressor

耐久性のあるエアコンプレッサー



O300S9C



O550S25C

TECHNICAL DATA
技術データ

MODEL NUMBERS	CODE	COMPRESSOR PERFORMANCE (LPM@BAR)					PRESSURE (BAR)	POWER (WATTS)	SPEED (RPM)	TANK		N.W (KG)	DIMENSIONS L×W×H(CM)
		0	2.0	4.0	6.0	8.0				(L)	(Gal)		
O550S25C	FB-45/8	102	70	55	47	35	7.0	550	1380	25	6.6	29.0	42×41×66
O750S25C	FB-88/7	135	97	77	68	53	7.0	750	1380	25	6.6	30.0	42×41×66

MODEL NUMBERS	CODE	COMPRESSOR PERFORMANCE (LPM@BAR)					PRESSURE (BAR)	POWER (WATTS)	SPEED (RPM)	TANK		N.W (KG)	DIMENSIONS L×W×H(CM)
		0	2.0	4.0	6.0	8.0				(L)	(Gal)		
O300S9C	---	63.3	43	32	23	19	7.0	300	1400	9	2.4	19	46×17×49
O550S9C	OLF-1509	102	70	55	47	35	7.0	550	1380	9	2.4	21.0	46×17×49
O750S9C	OLF-2509	135	97	77	68	53	7.0	750	1380	9	2.4	21.5	46×17×49
O550S18R	OLF-3509	200	160	137	125	103	8.0	550	1380	18	4.8	35	56×30×60

Note : Single Phase 220V for all O series.
Special Motor is available upon request.



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



耐久性のあるエアコンプレッサー

Oil-free air compressor



O750S24C



O1100S30R

TECHNICAL DATA
技術データ

MODEL NUMBERS	Code	COMPRESSOR PERFORMANCE (LPM@BAR)					PRESSURE (BAR)	POWER (WATTS)	SPEED (RPM)	TANK		N.W (KG)	DIMENSIONS L×W×H(CM)
		0	2.0	4.0	6.0	8.0				(L)	(Gal)		
O300S24C	DC-1224	70	43	33	24	20	7.0	300	1750	24	6.3	18.0	52×30×57
O550S24C	OLF-1524	102	70	55	47	35	7.0	550	1380	24	6.3	21.0	52×30×57
O750S24C	OLF-2524	135	97	77	68	53	7.0	750	1380	24	6.3	21.0	52×30×57

MODEL NUMBERS	Code	COMPRESSOR PERFORMANCE (LPM@BAR)					PRESSURE (BAR)	POWER (WATTS)	SPEED (RPM)	TANK		N.W (KG)	DIMENSIONS L×W×H(CM)
		0	2.0	4.0	6.0	8.0				(L)	(Gal)		
O1100S30RX	OLF-3530	200	160	137	125	103	8.0	1100	1380	30	7.9	34.0	65×40×69
O850S30R	OLF-3030	100	80	69	63	52	8.0	850	1410	30	7.9	30.0	65×40×69
O1500S30R	—	280	223	192	175	145	8.0	1500	1380	30	7.9	35.0	65×40×69
O1100S30R	—	140	112	96	88	73	8.0	1100	1380	30	7.9	31.0	65×40×69



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR

Oil-free air compressor



耐久性のあるエアコンプレッサー



O1100S55C



O3300S140R

TECHNICAL DATA
技術データ

MODEL NUMBERS	Code	COMPRESSOR PERFORMANCE (LPM@BAR)					PRESSURE (BAR)	POWER (WATTS)	SPEED (RPM)	TANK		N.W (KG)	DIMENSIONS L×W×H(CM)
		0	2.0	4.0	6.0	8.0				(L)	(Gal)		
O1100S55C	FB-95/7	204	140	110	93	70	7.0	1100	1380	55	14.5	51.0	75×37×62
O1500S55C	FB-176/7	270	193	153	137	107	7.0	1500	1380	55	14.5	53.0	75×37×64.5
O2200S100R	FB-280/7	400	320	274	250	206	8.0	2200	1380	100	26.4	66.0	77×45×76
O3000S100R	—	560	446	384	350	290	8.0	3000	1380	100	26.4	68.0	77×45×76

MODEL NUMBERS	Code	COMPRESSOR PERFORMANCE (LPM@BAR)					PRESSURE (BAR)	POWER (WATTS)	SPEED (RPM)	TANK		N.W (KG)	DIMENSIONS L×W×H(CM)
		0	2.0	4.0	6.0	8.0				(L)	(Gal)		
O1350S65C	FB-135/7	306	210	165	140.1	105	7.0	1650	1380	65	17.2	69.0	97×38×62
O2250S65C	FB-265/7	405	290	230	205	160	7.0	2250	1380	65	17.2	71.0	97×38×64.5
O3300S140R	FB-420/7	600	480	411	375	309	8.0	3300	1380	140	37.0	106.0	105×47×81
O4500S140R	—	840	669	576	525	435	8.0	4500	1380	140	37.0	108.0	105×47×81



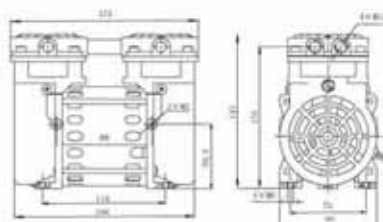
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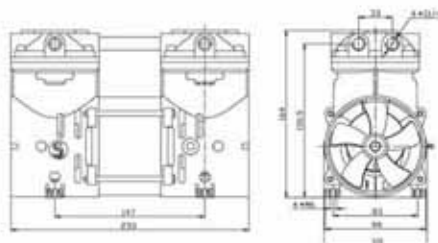
耐久性のあるエアコンプレッサー

Oilless Piston Air Compressors Pumps

OLF100D



OLF295D



TECHNICAL DATA 技術データ

PRESSURE

ELECTRICAL SOURCE	MODEL NUMBERS	COMPRESSOR PERFORMANCE (LPM@BAR)					MAXIMUM PRESSURE (BAR)			AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	1.0	1.5	2.0	2.5	CONTINUOUS	INTERMITTENT	REST-ART	MIN. (°C)	MAX. (°C)				
AC, 50Hz	OLF100D	40	28.3	25	23.3	20	1.4	2.0	0	-5	40	130	1390	YES	3.5
AC, 60Hz	OLF100D	48.3	35	30	28.3	25	1.4	2.0	0	-5	40	145	1690	YES	3.5
DC	OLF100D-076	48.3	35	30	28.3	25	2.0	5.0	2.0	-5	40	145	1700	YES	2.8
	OLF295D-096	102	72	50	36	23	7.0	8.0	4.0	-5	40	370	1750	YES	6.4
AC, 50Hz	OLF295D	81.7	65	58.3	53.3	48.3	2.0	2.5	0	-5	40	300	1400	YES	6.3
	OLF320D	88.3	68.3	61.7	60	56.7	2.0	2.5	0	-5	40	325	1400	YES	6.3
AC, 60Hz	OLF295D	85	73.3	70	65	60	2.0	2.5	0	-5	40	350	1690	YES	6.3
	OLF320D	98.3	80	75	70	63.3	2.0	2.5	0	-5	40	365	1650	YES	6.3

VACUUM

ELECTRICAL SOURCE	MODEL NUMBERS	VACUUM PERFORMANCE (LPM@MBAR)					VACUUM (MBAR)		AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	-200	-400	-600	-800	MAXIMUM	REST-ART	MIN. (°C)	MAX. (°C)				
AC, 50Hz	OLF100D	40.0	25.0	14.2	7.0	2.0	-880	0	-5	40	95	1450	YES	3.5
AC, 60Hz	OLF100D	48.3	31.7	14.7	7.5	2.2	-880	0	-5	40	100	1750	YES	3.5
DC	OLF100D-076	48.3	31.7	14.7	7.5	2.2	-880	0	-5	40	100	1800	YES	2.8
	OLF295D-096	102	53	29	16	9.0	-920	0	-5	40	210	1800	YES	6.3
AC, 50Hz	OLF295D	81.7	55.0	36.7	22.0	7.7	-920	0	-5	40	210	1450	YES	6.3
	OLF320D	88.3	56.0	38.0	23.0	8.5	-920	0	-5	40	230	1450	YES	6.3
AC, 60Hz	OLF295D	85.0	56.0	35.0	23.0	7.8	-920	0	-5	40	235	1750	YES	6.3
	OLF320D	98.5	65.5	46.0	26.0	8.8	-920	0	-5	40	255	1750	YES	6.3



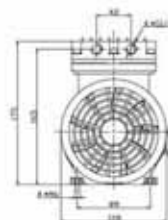
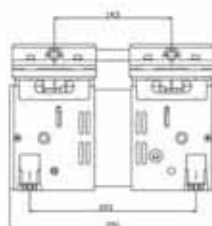
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HEAVY DUTY AIR COMPRESSOR

Oilless Piston Air Compressors Pumps



耐久性のあるエアコンプレッサー

OLF400D/OLF370D/OLF248D



TECHNICAL DATA
技術データ

PRESSURE

ELECTRICAL SOURCE	MODEL NUMBERS	COMPRESSOR PERFORMANCE (LPM@BAR)					MAXIMUM PRESSURE (BAR)			AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	1.0	1.5	2.0	2.5	CONTIN- UOUS	INTERMI- TTENT	REST- ART	MIN. (°C)	MAX. (°C)				
AC, 50Hz	OLF400D	118	96.7	91.7	86.7	81.7	2.0	2.5	0	-5	40	480	1380	YES	8.5
	OLF370D	102	80	75	70	63.3	2.0	2.5	0	-5	40	380	1400	YES	7.5
	OLF248D	80	68.3	61.7	60	56.7	2.0	2.5	0	-5	40	350	1400	YES	7.5
AC, 60Hz	OLF400D	137	120	113	102	98.3	2.0	2.5	0	-5	40	560	1650	YES	8.5
	OLF370D	118	96.7	91.7	86.7	81.7	2.0	2.5	0	-5	40	425	1680	YES	7.5
	OLF248D	102	80	75	70	63.3	2.0	2.5	0	-5	40	380	1700	YES	7.5

VACUUM

ELECTRICAL SOURCE	MODEL NUMBERS	VACUUM PERFORMANCE (LPM@MBAR)					VACUUM(MBAR)		AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	-200	-400	-600	-800	MAX- IMUM	REST- ART	MIN. (°C)	MAX. (°C)				
AC, 50Hz	OLF400D	118.0	81.7	59.0	34.0	9.7	-920	0	-5	40	330	1450	YES	8.5
	OLF370D	102.0	68.3	46.0	26.0	7.8	-920	0	-5	40	275	1450	YES	7.5
	OLF248D	80.0	53.3	35.0	21.3	7.8	-920	0	-5	40	245	1450	YES	7.5
AC, 60Hz	OLF400D	137.0	85.0	60.7	35.8	10.0	-920	0	-5	40	400	1750	YES	8.5
	OLF370D	118.0	81.7	59.0	34.0	9.7	-920	0	-5	40	300	1750	YES	7.5
	OLF248D	102.0	68.3	46.0	26.0	7.8	-920	0	-5	40	275	1750	YES	7.5



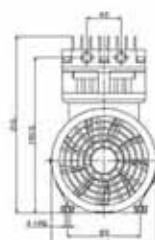
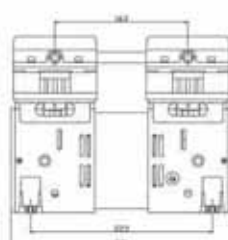
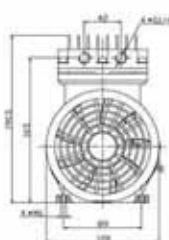
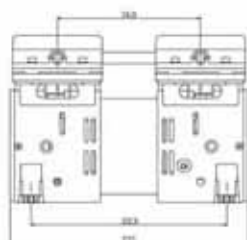
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HEAVY DUTY AIR COMPRESSOR



耐久性のあるエアコンプレッサー

Oilless Piston Air Compressors Pumps

OLF550D / 750D



TECHNICAL DATA

技術データ

PRESSURE

ELECTRICAL SOURCE	MODEL NUMBERS	COMPRESSOR PERFORMANCE (LPM@BAR)					MAXIMUM PRESSURE (BAR)			AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	2.0	4.0	6.0	8.0	CONTINUOUS	INTERMITTENT	REST-ART	MIN. (°C)	MAX. (°C)				
AC 50Hz	OLF550D	102	70	55	46.7	35	7.0	8.0	1.0	-5	40	560	1380	YES	9.0
AC 60Hz	OLF550D	102	70	55	46.7	35	7.0	8.0	1.0	-5	40	560	1680	YES	9.0
DC	OLF550D-106	102	70	55	46.7	35	7.0	8.0	4.0	-5	40	520	1750	YES	10.0
AC 50Hz	OLF750D	135	96.7	76.7	68.3	53.3	7.0	8.0	1.0	-5	40	780	1380	YES	10.0
AC 60Hz	OLF750D	135	96.7	76.7	68.3	53.3	7.0	8.0	1.0	-5	40	780	1680	YES	10.0

TWO-GRADE VACUUM

ELECTRICAL SOURCE	MODEL NUMBERS	VACUUM PERFORMANCE (LPM@MBAR)					VACUUM(MBAR)		AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	-200	-400	-600	-800	MAX-IMUM	REST-ART	MIN. (°C)	MAX. (°C)				
AC 50Hz	OLF550D	51.7	28.4	15.5	9.5	5.0	-980	0	-5	40	320	1450	YES	9.0
AC 60Hz	OLF550D	51.7	28.4	15.5	9.5	5.0	-980	0	-5	40	320	1750	YES	9.0
DC	OLF550D-106	102.0	56.0	30.0	17.0	9.5	-920	0	-5	40	370	1750	YES	10.0
AC 50Hz	OLF750D	68.3	37.5	20.6	11.4	6.0	-980	0	-5	40	430	1450	YES	10.0
AC 60Hz	OLF750D	68.3	37.5	20.6	11.4	6.0	-980	0	-5	40	430	1750	YES	10.0



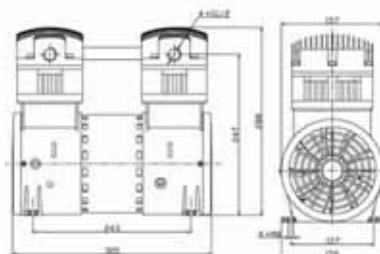
SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Oilless Piston Air Compressors Pumps

耐久性のあるエアコンプレッサー

OLF1100D/OLF1500D



TECHNICAL DATA

技術データ

PRESSURE

ELECTRICAL SOURCE	MODEL NUMBERS	COMPRESSOR PERFORMANCE (LPM@BAR)					MAXIMUM PRESSURE (BAR)			AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	2.0	4.0	6.0	8.0	CONTINUOUS	INTERMITTENT	REST-ART	MIN. (°C)	MAX. (°C)				
AC, 50Hz	OLF1100D	200	160	137	125	103	8.0	9.0	1.0	-5	40	1100	1380	YES	17.0
AC, 60Hz	OLF1100D	200	160	137	125	103	8.0	9.0	1.0	-5	40	1100	1680	YES	17.0
AC, 50Hz	OLF1500D	280	223	192	175	145	8.0	9.0	1.0	-5	40	1350	1380	YES	17.5
AC, 60Hz	OLF1500D	280	223	192	175	145	8.0	9.0	1.0	-5	40	1350	1650	YES	17.5

TWO-GRADE VACUUM

ELECTRICAL SOURCE	MODEL NUMBERS	VACUUM PERFORMANCE (LPM@MBAR)					VACUUM(MBAR)		AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	-200	-400	-600	-800	MAXIMUM	REST-ART	MIN. (°C)	MAX. (°C)				
AC, 50Hz	OLF1100D	100.0	55.0	30.0	16.6	9.5	-980	0	-5	40	600	1450	YES	17.0
AC, 60Hz	OLF1100D	100.0	55.0	30.0	16.6	9.5	-980	0	-5	40	600	1750	YES	17.0
AC, 50Hz	OLF1500D	140.0	77.0	42.3	23.3	12.8	-980	0	-5	40	750	1450	YES	17.5
AC, 60Hz	OLF1500D	140.0	77.0	42.3	23.3	12.8	-980	0	-5	40	750	1720	YES	17.5



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR

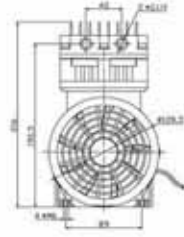
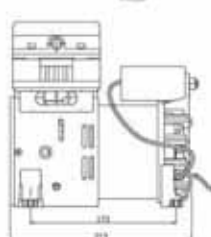
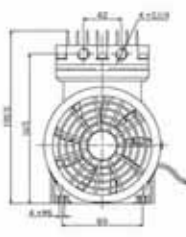
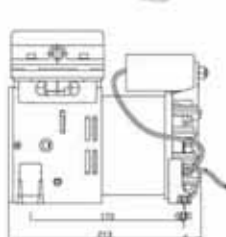


耐久性のあるエアコンプレッサー

Oilless Piston Air Compressors Pumps

OLF550S

OLF750S



TECHNICAL DATA

技術データ

PRESSURE

ELECTRICAL SOURCE	MODEL NUMBERS	COMPRESSOR PERFORMANCE (LPM@BAR)					MAXIMUM PRESSURE (BAR)			AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	2.0	4.0	6.0	8.0	CONTINUOUS	INTERMITTENT	REST-ART	MIN. (°C)	MAX. (°C)				
AC,50Hz	OLF550S	51.7	35	28.3	23.3	18.3	7.0	8.0	1.0	-5	40	450	1400	YES	7.0
AC,60Hz	OLF550S	63	42.5	34.5	28	22.5	7.0	8.0	1.0	-5	40	500	1680	YES	7.0
AC,50Hz	OLF750S	68.3	48.3	38.3	35	26.7	7.0	8.0	1.0	-5	40	500	1380	YES	8.5
AC,60Hz	OLF750S	83	58	46	43	32	7.0	8.0	1.0	-5	40	560	1680	YES	8.5

VACUUM

ELECTRICAL SOURCE	MODEL NUMBERS	VACUUM PERFORMANCE (LPM@MBAR)					VACUUM(MBAR)		AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	-200	-400	-600	-800	MAX-IMUM	REST-ART	MIN. (°C)	MAX. (°C)				
AC,50Hz	OLF550S	51.7	28.4	15.5	9.5	5.0	-910	0	-5	40	300	1450	YES	7.0
AC,60Hz	OLF550S	63.0	34.5	19.0	10.5	5.8	-910	0	-5	40	350	1750	YES	7.0
AC,50Hz	OLF750S	68.3	37.5	20.6	11.4	6.0	-910	0	-5	40	350	1450	YES	8.5
AC,60Hz	OLF750S	83.0	45.5	25.0	13.8	7.6	-910	0	-5	40	400	1750	YES	8.5



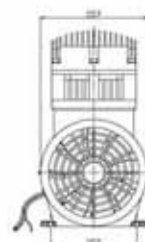
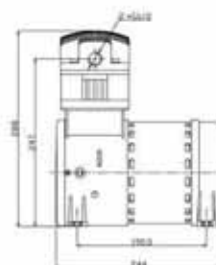
SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Oilless Piston Air Compressors Pumps

耐久性のあるエアコンプレッサー

OLF1100S/OLF1500S



TECHNICAL DATA

技術データ

PRESSURE

ELECTRICAL SOURCE	MODEL NUMBERS	COMPRESSOR PERFORMANCE (LPM@BAR)					MAXIMUM PRESSURE (BAR)			AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	2.0	4.0	6.0	8.0	CONTINUOUS	INTERMITTENT	REST-ART	MIN. (°C)	MAX. (°C)				
AC, 50Hz	OLF1100S	100	80	68	63	52	8.0	9.0	1.0	-5	40	820	1380	YES	12.0
	OLF1500S	140	112	95	86.7	71.7	8.0	9.0	1.0	-5	40	950	1380	YES	12.5
AC, 60Hz	OLF1100S	122	97	83	75	63	8.0	9.0	1.0	-5	40	850	1680	YES	12.0
	OLF1500S	169	135	115	105	87	8.0	9.0	1.0	-5	40	1000	1650	YES	12.5

VACUUM

ELECTRICAL SOURCE	MODEL NUMBERS	VACUUM PERFORMANCE (LPM@MBAR)					VACUUM (MBAR)		AMBIENT AIR TEMP		POWER (WATTS)	SPEED (RPM)	THERMAL PROTECTOR	NET WEIGHT (KG)
		0	-200	-400	-600	-800	MAXIMUM	REST-ART	MIN. (°C)	MAX. (°C)				
AC, 50Hz	OLF1100S	100.0	55.0	30.0	16.6	9.5	-910	0	-5	40	550	1450	YES	12.0
	OLF1500S	140.0	77.0	42.3	23.3	12.8	-910	0	-5	40	650	1450	YES	12.5
AC, 60Hz	OLF1100S	122.0	67.0	37.0	20.3	11.0	-910	0	-5	40	600	1750	YES	12.0
	OLF1500S	169.0	93.0	51.0	28.0	15.5	-910	0	-5	40	700	1720	YES	12.5



SHIGEMITSU

HEAVY DUTY AIR COMPRESSOR

D SERIES

Direct Connected Portable
Air Compressor



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SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Direct-connected Portable Air Compressor

耐久性のあるエアコンプレッサー



D1S9R



D2.5S50RX



D2.5S50R



D2S24R

TECHNICAL DATA
技術データ

Model	Code	Free Air Flow						Max. Pressure		Tank		Net. Weight	Dimensions
		Power		50Hz		60Hz							
		kW	HP	L/min	C.F.M	L/min	C.F.M	Bar	Psi	L	Gal	KG	L×W×H (cm)
D0.75S9R		0.55	3/4	63	2.2	73	2.6	8	116	9	2.4	17	48×22×48
D1S9R		0.75	1	79	2.8	91	3.2	8	116	9	2.4	17.5	49×22×48
D2S24RX		1.5	2	206	7.3	250	8.8	8	116	24	6.3	31	59×27×61
D2S30RX		1.5	2	206	7.3	250	8.8	8	116	30	7.9	36	65×27×61
D2.5S50RX		1.8	2.5	206	7.3	250	8.8	8	116	50	13.2	44	81×32×72
D2S24R		1.5	2	198	7	240	8.5	8	116	24	6.3	25	61×27×57
D2S30R		1.5	2	198	7	240	8.5	8	116	30	7.9	34	65×27×61
D2.5S50R		1.8	2.5	198	7	240	8.5	8	116	50	13.2	43	81×32×67
D2.5S40R		1.8	2.5	280	9.9	344	12.3	8	116	40	10.7	41	72×30×70
D3S40R		2.2	3.0	350	12.3	430	15.1	8	116	40	10.7	43	72×30×70

Note : Single Phase 220V for all D series.
Special Motor is available upon request.

SHIGEMITSU

HEAVY DUTY AIR COMPRESSOR

B SERIES

Belt Driven
Air Compressor



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HEAVY DUTY AIR COMPRESSOR



Reciprocating Piston Air Compressor-One Stage Compressor

耐久性のあるエアコンプレッサー



B3T80G



B0.75S30R



B2S60R



B5.5T110R

TECHNICAL DATA
技術データ

Model	Pump	Power		Speed R.P.M	Free Air Flow		Max Pressure		Tank		Weight KG	Dimensions L×W×H(cm)
		KW	HP		L/min	C.F.M	Bar	Psi	L	Gal		
B2S60RX	SY-Z255	1.5	2	1200	230	8.1	8	116	60	15.9	72	88×37×78
B3S60R	SY-Z265	2.2	3	1050	320	11.3	8	116	60	15.9	77	88×37×78
B3T60R	SY-Z270	2.2	3	1050	372	13.1	8	116	60	15.9	87	88×37×78
B1.5S80G	SY-L255	1.1	1.5	1100	180	6.3	10	145	80	21.1	80	50×58×110
B2.2S80G	SY-L260	1.5	2.2	1200	240	8.5	10	145	80	21.1	84	50×58×110
B3T80G	SY-L265	2.2	3	1100	340	12	10	145	80	21.1	86	50×58×120
B4T80G	SY-L270	3	4	1200	420	14.8	10	145	80	21.1	90	50×58×120
B0.75S30R	FB-151	0.55	0.75	950	74	2.6	8	116	30	8	42	78×40×62
B1.5S35R	FB-251	1.1	1.5	1100	202	7.1	8	116	35	9.1	62	90×42×70
B2S60R	FB-251A	1.5	2	1100	207	7.3	8	116	60	15.6	68	97×43×80
B3T70R	FB-265	2.2	3	1050	320	11.3	8	116	70	18.5	72	108×44×81
B5.5T110R	FB-280	4	5.5	950	573	20.2	8	116	110	28.6	140	125×44×91
B7.5T110R	FB-290	5.5	7.5	950	725	25.6	8	116	110	28.6	146	123×51×94

Note : Single Phase 220V & Three Phase 380V Available B series.
Special motor & tank capacity is available upon request.



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



耐久性のあるエアコンプレッサー

Reciprocating Piston Air Compressor-One Stage Compressor



B4T90R



B10T160R



B25T420R



B15T320RX



B30T550R

TECHNICAL DATA
技術データ

Model	Pump	Power		Speed	Free Air Flow		Max Pressure		Tank		Weight	Dimensions
		KW	HP	R.P.M	L/min	C.F.M	Bar	Psi	L	Gal	KG	L×W×H(cm)
B4T90R	FB-365	3	4	1100	503	17.8	8	116	90	23.4	102	121×47×84
B7.5T120R	FB-380	5.5	7.5	950	859	30.3	8	116	120	31.2	177	136×57×94
B10T160R	FB-390	7.5	10	950	1087	38.4	8	116	160	41.6	193	143×57×100
B10T235R	FB-390J	7.5	10	900	1120	39.5	8	116	235	61.1	215	163×60×111
B15T320RX	FB-3100J	11	15	800	1507	53.2	8	116	320	83.2	305	180×71×122
B15T320R	FB-3100	11	15	900	1470	51.9	8	116	320	83.2	328	180×71×122
B20T420R	FB-3115	15	20	780	2336	82.5	8	116	420	109.2	430	197×77×145
B20T420RX	FB-3120J	15	20	800	2442	86.2	8	116	420	109.2	410	197×77×145
B20T420RT	FB-3120	15	20	750	2543	89.8	8	116	420	109.2	446	197×77×145
B25T420R	FB-3125	18.5	25	750	2760	97.5	8	116	420	109.2	460	197×77×145
B30T550R	FB-4120	22	30	720	3265	115.2	8	116	550	143	620	210×94×150

Note : Single Phase 220V & Three Phase 380V Available B series.
Special motor & tank capacity is available upon request.



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Reciprocating Piston Air Compressor-Two-Stage Compressor

耐久性のあるエアコンプレッサー



B3T70V



B5.5T110V



B4T90V



B10T160V

TECHNICAL DATA

技術データ

Model	Pump	Power		Speed R.P.M	Free Air Flow		Max Pressure		Tank		Weight KG	Dimensions L×W×H(cm)
		KW	HP		L/min	C.F.M	Bar	Psi	L	Gal		
B3T70V	FB-165T	2.2	3	1050	160	5.6	12.5	181	70	18.5	65	108×44×81
B4T90V	FB-265T	3	4	1100	336	11.9	12.5	181	90	23.4	98	121×47×84
B4T110V	FB-180T	3	4	950	287	10.1	12.5	181	110	28.6	130	123×51×94
B5.5T110V	FB-190T	4	5.5	950	365	12.8	12.5	181	110	28.6	120	123×51×94
B7.5T120V	FB-280T	5.5	7.5	950	573	20.2	12.5	181	120	31.2	164	136×57×94
B10T160V	FB-290T	7.5	10	950	730	25.6	12.5	181	160	41.6	190	143×57×100
B10T225V	FB-290JT	7.5	10	900	750	26.5	12.5	181	225	60	215	166×63×118

Note : Single Phase 220V & Three Phase 380V Available B series.
Special motor & tank capacity is available upon request.



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



耐久性のあるエアコンプレッサー

Reciprocating Piston Air Compressor-Two-Stage Compressor



B10T320V



B7.5T120V



B30T300G

TECHNICAL DATA
技術データ

Model	Pump	Power		Speed	Free Air Flow		Max Pressure		Tank		Weight	Dimensions
		KW	HP	R.P.M	L/min	C.F.M	Bar	Psi	L	Gal	KG	L×W×H(cm)
B7.5T120VX	F8-1105T	5.5	7.5	860	660	23.3	12.5	181	120	31.2	201	136×58×104
B7.5T120Q	F8-1105T	5.5	7.5	860	660	23.3	16	232	120	31.2	201	136×58×104
B10T320V	F8-2105T	7.5	10	860	1325	46.8	12.5	181	320	83.2	325	180×71×122
B30T300G	F8-2155T	22	30	820	3590	126.7	10	145	300	80	612	188×83×155



SHIGEMITSU

HEAVY DUTY AIR COMPRESSOR

G/L SERIES

Gasoline & Diesel Powered
Air Compressor



G4.5-30RV



WE MAKE IT STRONG



TECHNICAL DATA 技術データ

Model	Power		Speed R.P.M	Free Air Flow		Max Pressure		Tank		Weight KG	Dimensions L×W×H(cm)
	KW	HP		L/min	C.F.M	Bar	Psi	L	Gal		
G3-30R	2.2	3	1180	207	7.3	8	115	30	7.8	78	102×36×60
G4.5-30RV	3.4	4.5	980	320/160	8.8/7.1	8/12.5	115/181	30	7.8	87	113×37×65
G5.5-33RV	4	5.5	1000	503/336	12.7/11.9	8/12.5	115/181	33	8.6	96	125×38×70
G7.5-55RV	5.5	7.5	1000	725/362	21/12.8	8/12.5	115/181	55	30	165	135×40×105
L3-30R	2.2	3	1180	207	7.3	8	115	30	7.8	86	108×36×60
L4.5-30RV	3.4	4.5	980	320/160	8.8/7.1	8/12.5	115/181	30	7.8	102	113×37×65
L5.5-33RV	4	5.5	1000	503/336	12.7/11.9	8/12.5	115/181	33	8.6	116	125×38×75
L7.5-55RV	5.5	7.5	1000	725/362	21/12.8	8/12.5	115/181	55	30	185	135×50×105
L15-55RV	10	15	950	1087/850	31.5/30.3	8/12.5	115/181	55	30	196	135×50×105

Note : Special engine & tank size is available upon request.



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



耐久性のあるエアコンプレッサー

Reciprocating Air Compressor Head Section-One Stage Compressor



SY-Z255



SY-L260



SY-L290

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
SY-Z255	1.5	2	228	8.1	8	116	55×2	1200	18	35×32×38
SY-Z265	2.2	3	320	11.3	8	116	65×2	1050	19.5	35×32×38
SY-L255	1.1	1.5	180	6.3	10	145	55×2	1100	20	31×27×32
SY-L260	1.5	2.2	240	8.5	10	145	60×2	1200	22	27×31×32
SY-L265	2.2	3	340	12	10	145	65×2	1100	20	27×34×33
SY-L270	3	4	420	14.8	10	145	70×2	1200	20	27×34×33
SY-L280	4	5.5	543	19.2	10	145	80×2	900	22	30×40×41
SY-L290	5.5	7.5	657	23.2	10	145	90×2	860	22	30×40×41



FB-151



FB-251 FB-251A FB-265

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
FB-151	0.55	0.75	74	2.6	8	116	51×2	950	9	23×21×26
FB-251	1.1	1.5	202	7.1	8	116	51×2	1100	16	29×39×36
FB-251A	1.5	2	207	7.3	8	116	51×2	1100	18	29×39×37
FB-265	2.2	3	320	11.3	8	116	65×2	1050	19	29×43×42
FB-365	3	4	503	17.8	8	116	65×3	1100	27	48×33×39



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Reciprocating Air Compressor Head Section-One Stage Compressor

耐久性のあるエアコンプレッサー



FB-365



FB-280 FB-290



FB-380 FB-390

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
FB-280	4	5.5	573	20.2	8	116	80×2	950	39	52×39×47
FB-290	5.5	7.5	725	25.6	8	116	90×2	950	44	46×37×44
FB-380	4	5.5	859	30.3	8	116	80×3	950	50	56×41×46
FB-390	7.5	10	1087	38.4	8	116	90×3	950	60	58×43×47



FB-251F FB-251F-A FB-265F



FB-365F FB-380F FB-390F

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
FB-251F	1.1	1.5	202	7.1	8	116	51×2	1100	16	29×39×36
FB-251F-A	1.5	2	207	7.3	8	116	51×2	1100	18	29×39×37
FB-265F	2.2	3	320	11.3	8	116	65×2	1050	19	29×43×42
FB-365F	3	4	503	17.8	8	116	65×3	1100	27	48×33×39
FB-280F	4	5.5	573	20.2	8	116	80×2	950	39	52×39×47
FB-290F	5.5	7.5	725	25.6	8	116	90×2	950	44	46×37×44
FB-380F	4	5.5	859	30.3	8	116	80×3	950	50	56×41×46
FB-390F	7.5	10	1087	38.4	8	116	90×3	950	60	58×43×47



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



耐久性のあるエアコンプレッサー

Reciprocating Air Compressor Head Section-One Stage Compressor



FB-390J FB-3100J FB-3120J



FB-490 FB-4100



FB-690 FB-6100

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
FB-390J	7.5	10	1120	39.5	8	116	90×3	900	77	62×39×52
FB-3100J	11	15	1507	53.2	8	116	100×3	800	104	73×45×56
FB-3120J	15	20	2442	86.2	8	116	120×3	800	158	85×48×65
FB-490	15	20	1900	67.0	8	116	90×4	750	160	74×53×52
FB-4100	15	20	2350	82.9	8	116	100×4	750	180	74×53×52
FB-690	18.5	25	2860	100.9	8	116	90×6	750	220	83×54×62
FB-6100	22	30	3530	124.6	8	116	100×6	750	250	83×54×62



FB-3100K



FB-3115K FB-3120K FB-3125K



FB-4120K

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
FB-3100K	11	15	1470	51.9	8	116	100×3	780	82	67×52×55
FB-3115K	15	20	2336	82.5	8	116	115×3	750	127	78×59×65
FB-3120K	15	20	2543	89.8	8	116	120×3	750	129	78×52×65
FB-3125K	18.5	25	2760	97.5	8	116	125×3	750	140	85×54×65
FB-4120K	22	30	3265	115.2	8	116	120×4	720	180	95×62×70



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Reciprocating Air Compressor Head Section-One Stage Compressor

耐久性のあるエアコンプレッサー



CS-165



CS-251 CS-255 CS-265



CS-280 CS-290



CS-390 CS-390A



CS-3100 CS-3120

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
CS-165	0.75	1	140	4.9	8	116	65×1	1050	14	26×34×35
CS-251	1.1	1.5	197	7	8	116	51×2	1050	25.5	43×35×38
CS-255	1.5	2	230	8.1	8	116	55×2	1050	26	43×35×38
CS-265	2.2	3	320	11.3	8	116	65×2	1050	27	43×35×38
CS-280	4	5.5	621	21.9	8	116	80×2	950	46	55×38×42
CS-290	5.5	7.5	786	27.7	8	116	90×2	950	48	55×38×42
CS-390	7.5	10	1116	39.4	8	116	90×3	900	77	43×35×38
CS-390A	7.5	10	1288	45.5	8	116	90×3	900	77	62×39×52
CS-3100	11	15	1507	53.2	8	116	100×3	800	104	73×45×56
CS-3120	15	20	2442	86.2	8	116	120×3	800	158	85×48×65



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



耐久性のあるエアコンプレッサー

Reciprocating Air Compressor Head Section-Two Stage Compressor



FB-180T FB-190T



FB-165T



FB-265T



FB-280T



FB-290T



FB-290JT FB-2100JT

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
FB-165T	2.2	3	160	5.6	12.5	178	65×1 51×1	1050	19	42×29×37
FB-265T	3	4	336	11.9	12.5	178	65×2 51×1	1100	27	48×33×39
FB-180T	3	4	287	10.1	12.5	178	80×1 65×1	950	39	52×39×47
FB-190T	4	5.5	362	12.8	12.5	178	90×1 65×1	950	44	52×39×47
FB-280T	5.5	7.5	573	20.2	12.5	178	80×2 65×1	950	50	57×41×46
FB-290T	7.5	10	725	25.6	12.5	178	90×2 65×1	900	60	58×43×47
FB-290JT	7.5	10	750	26.5	16	232	90×2 65×1	900	75	62×39×52
FB-2100JT	11	15	1000	35.3	12.5	178	100×2 80×1	800	104	73×45×55



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Reciprocating Air Compressor Head Section-Two Stage Compressor

耐久性のあるエアコンプレッサー



FB-1105T



FB-2105T

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
FB-1105T	4	5.5	660	23.3	12.5	178	105×1 55×1	860	85	43×45×56
FB-2105T	7.5	10	1325	46.8	12.5	178	105×2 55×2	860	119	72×56×60
FB-2155T	22	30	3588	126.7	10	143	155×2 85×2	820	290	103×66×73



CS-165T

CS-180T

CS-190T



CS-290T

CS-2100T

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
CS-165T	2.2	3	160	5.6	12.5	178	65×1 51×1	1050	27	43×35×38
CS-180T	4	5.5	310	5.4	12.5	232	80×1 65×1	950	46	55×38×42
CS-190T	5.5	7.5	390	13.8	12.5	178	90×1 65×1	950	48	55×38×42
CS-290T	7.5	10	850	30	16	178	90×2 65×1	900	75	62×39×52
CS-2100T	11	15	1000	35.3	12.5	178	100×2 80×1	800	104	73×45×55



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



耐久性のあるエアコンプレッサー

Reciprocating Oilless Air Compressor Head Section



FBW-290



FBW-390



FBW-265



FBW-4125



FBW-1100T

TECHNICAL DATA
技術データ

Model	Power		Free air flow		Max. Pressure		Cylinder (mm×n)	Speed RPM	Net. Weight KG	Dimensions L×W×H (cm)
	kW	HP	L/min	C.F.M	Bar	Psi				
FBW-265	1.5	2.0	256	9.0	7	102	65×2	700	31	42×30×43
FBW-280	4.0	5.5	563	19.9	7	102	80×2	700	39	43×30×44
FBW-290	5.5	7.5	713	25.2	7	102	90×2	700	75	43×38×72
FBW-290	4.0	5.5	611	21.6	7	102	90×2	800	42	75×43×56
FBW-390	7.5	10	916	32.4	7	102	90×3	800	75	43×38×72
FBW-290T	7.5	10	692	24.4	10	145	90×2 65×1	680	110	43×38×72
FBW-390A	7.5	10	1069	37.7	7	102	90×3	700	85	83×43×56
FBW-2100T	7.5	10	587	20.7	10	145	100×2 80×1	680	110	75×55×85
FBW-3100	7.5	10	1319	46.6	7	102	100×3	700	110	75×55×85
FBW-3110	11	15	1597	56.4	7	102	110×3	700	120	75×55×85
FBW-2110T	11	15	1034	36.5	10	145	110×2 80×1	700	120	75×55×85
FBW-3125	15	20	2062	72.8	7	102	125×3	700	120	75×55×85
FBW-4125	18.5	25	2749	97.1	7	102	125×4	700	190	70×58×90



SHIGEMITSU
HEAVY DUTY AIR COMPRESSOR



Air Compressor Accessories

耐久性のあるエアコンプレッサー



PRESSURE SWITCH 圧力スイッチ

ITEM	DESCRIPTION	ITEM	DESCRIPTION
10101	4-G1/4, 0.5~0.8MPa	10107	1-1/4, 0.5~0.8MPa
10104	4-G1/4, 0.9~1.25MPa	10108	1-1/4, 0.9~1.25MPa



PRESSURE GAUGE 圧力計

ITEM	DESCRIPTION	ITEM	DESCRIPTION
10201	1/8, AXIS, 0~12bar	10209	M14×1.5, RADIAL, 0~12bar
10205	1/4, AXIS, 0~12bar	10210	M14×1.5, RADIAL, 0~1.6MPa
10208	1/4, RADIAL, 0~16bar	10214	M14×1.5, RADIAL, 0~6MPa



SAFETY VALVE 安全弁

ITEM	DESCRIPTION	ITEM	DESCRIPTION
10301	1/8, 0.88MPa	10308	1/4, 0.22MPa
10302	M12×1.25, 0.22MPa	10310	3/8, 0.88MPa
10305	1/4, 1.375MPa	10312	1/2, 0.88MPa
10306	1/4, 0.88MPa, CE, ASME	—	—



OIL-WATER SEPARATOR 油水分離器

ITEM	DESCRIPTION	ITEM	DESCRIPTION
10801	4-1/4	10803	1/2×4-1/4
10802	3/8×4-1/4	—	—



WHEEL ホイール

ITEM	DESCRIPTION	ITEM	DESCRIPTION
13301	4寸(φ12.5×φ96×24)	13315	8寸(φ25.5×φ195×40)
13303	5寸(φ16.5×φ121×29)	13320	10寸(φ16.5×φ210×39)
13308	6寸(φ16.5×φ145×29)	13322	12寸(φ16×φ258×86)
13311	7寸(φ20.5×φ167×35)	—	—



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