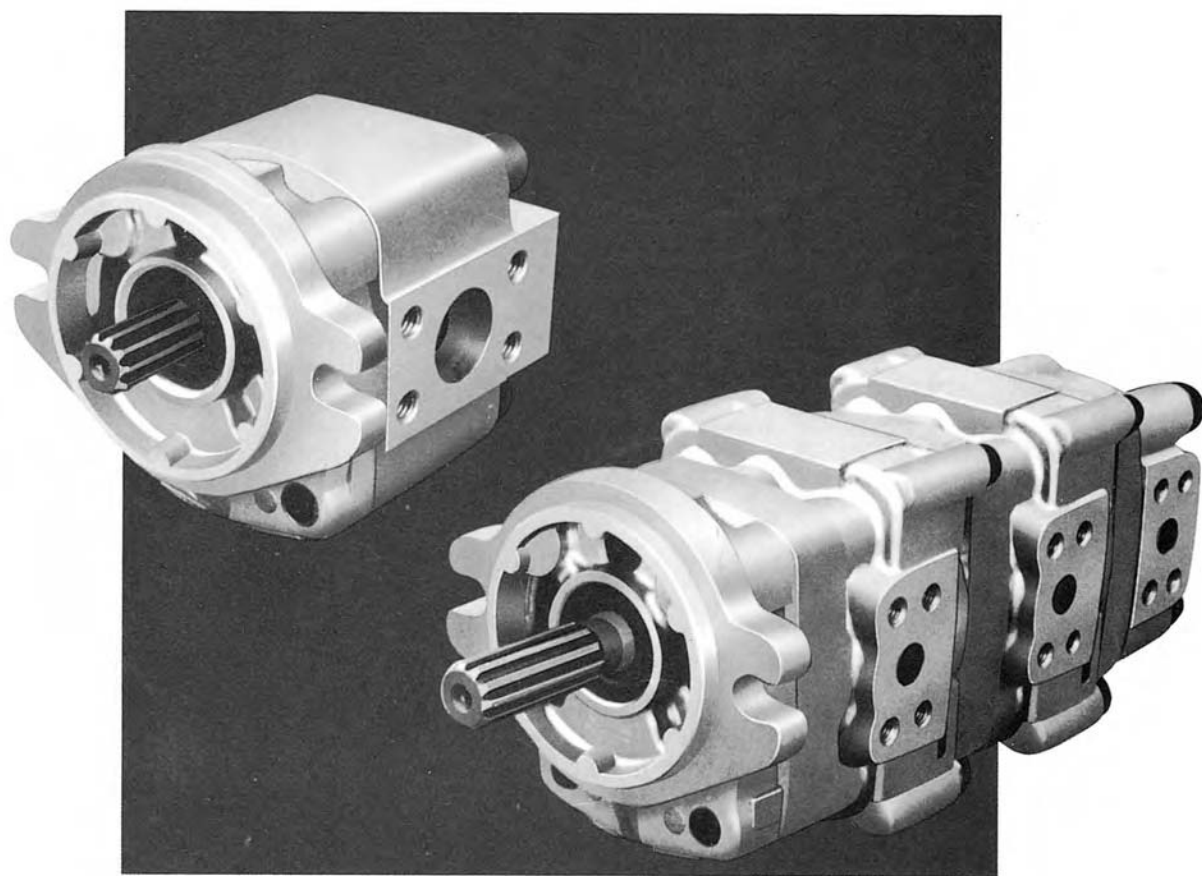


小 松

齒輪泵浦 SB/FB 系列



■ High quality, high performance, and reliable gear pump

極高品質且性能佳，可靠的齒輪泵浦

The KOMATSU gear pump is introduced with abundance of experience and unique newest technique. Under the reasonable design and full quality control, its high performance and high quality has been proven in many building machines, production machines and special vehicles. With the durable plane bearing and the side plate made from special material, it can fulfil stable performance and not vibrate while operating even under high pressure and high temperature.

The number of parts is minimized, and with the ligh-weight and compact design of aluminum alloy, it is very easy to move and install.

Please take advantage of the high performance, high quality, and durable KOMATSU gear pump.

把豐富經驗和獨特的新技術充份引進的日本小松的（齒輪泵浦）在合理設計和徹底的品質管理之下，所產出的高性能、高品質，已在很多的建設機械、產業機械、特殊車輛上，受過實証。

採用耐壓性優良的plane bearing及使用了特殊材料的sideplate。在高壓；高溫運轉時，仍屹立不動搖，時常發揮安定性能。另外把部品數目整理於最小限度，且因採用鋁合金的輕量、簡潔的設計，故移轉，安裝亦很容易。

請多活用性能、品質、耐壓性優越的小松齒輪泵浦。

* 2連泵浦和3連泵浦多功能性組合是可能的

* A number of combinations are possible for tanden and three-tanden gear pumps.

SA系列
SA series



SA系列 2連泵浦
SA series two-tandem gear pump



SB系列 3連泵浦
SB series three-tandem gear pump



主要用途：土木建設機械，建設車輛，特殊車輛，產業車輛，產業機械，船舶
Main purpose: Architectural machine, building vehicle, special vehicle, pro duction vehicle, prodection machine, vessel

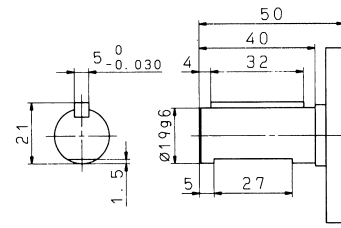
The above drawing shows a gear pump of counter-clockwise rotation. In a pump clockwise rotation, the positions of the suction port and discharge port are reverse.

泵浦型式 Pump model	A	B
SAL1-08	112.0	87.0
SAL1-10	113.7	88.7
SAL1-12	116.6	91.5
SAL1-14	119.0	94.0
SAL1-16	121.0	96.0
SAL1-18	123.5	98.5
SAL1-20	126.0	101.0
SAL1-22	128.5	103.5
SAL1-25	132.0	107.0
SAL1-28	135.5	110.5
SAL1-32	140.0	115.0

(鍵)

下圖為表示key軸之型式

The following figure shows a key shaft type.



(泵浦的形式欄之SAL表示左回轉用、SAR表示右回轉用)

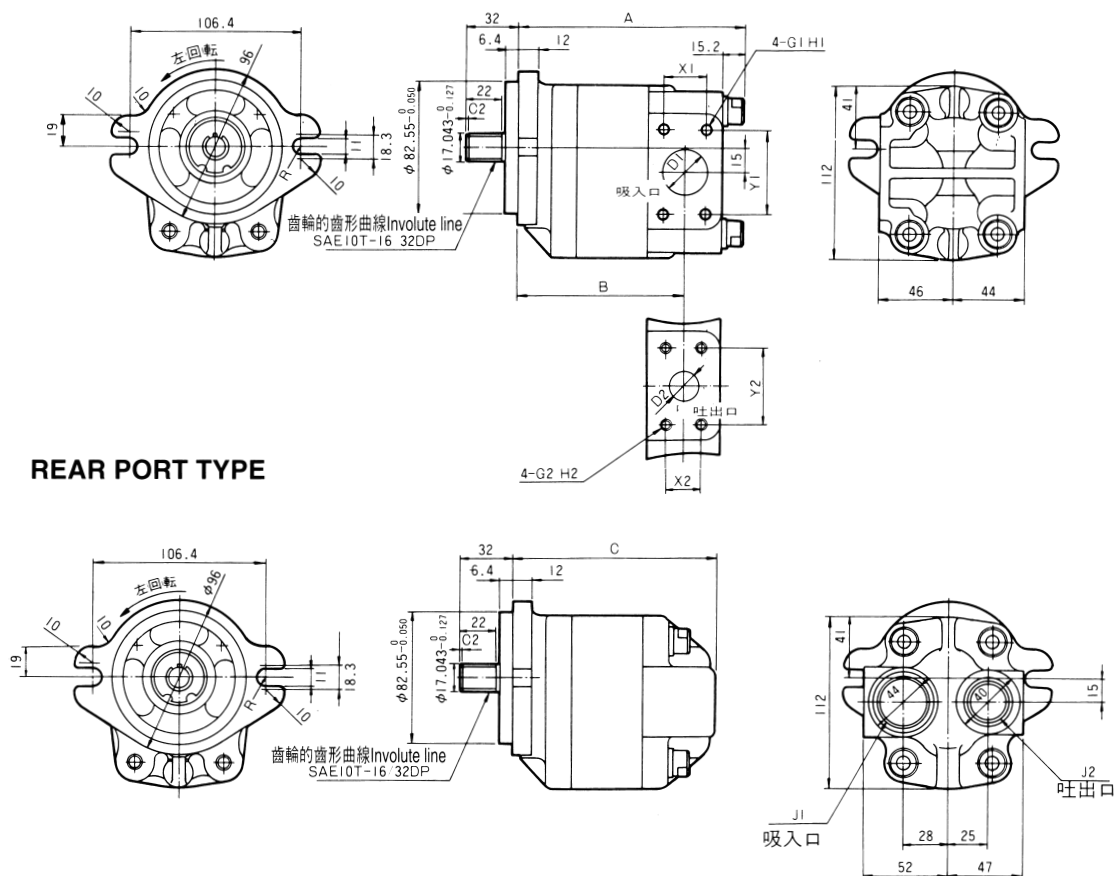
("SAL" in the "pump model" column indicates a counterclockwise pump revolutionary direction and "SAR" clockwise.)

規格 / SPECIFICATION

系 列	泵浦型式	容量	定格壓力	最高壓力	回轉速度	最大吐出量	入力扭力	所要動力	質量
series	Pump model	Disolacement cm³/rev	Rated pressure MPa(kg/cm²)	Max pressure MPa(kg/cm²)	Speed rpm	Max. flow l/min	Input torque Nm(kgm)	Inout power Kw	Mass Kg
S A 1	SAL1-8	8.5	24.5{250}	29.4{300}	3500 900	28.9	36.3{3.7}	13.2	3.6
	SAL1-10	10.0				34.0	41.2{4.2}	15.6	3.7
	SAL1-12	12.5				42.4	52.0{5.3}	19.4	3.8
	SAL1-14	147.5				49.2	61.8{6.3}	22.5	4.0
	SAL1-16	16.3				55.3	68.6{7.0}	25.3	4.1
	SAL1-18	18.4				62.5	77.5{7.9}	28.6	4.2
	SAL1-20	20.5				69.6	86.3{8.8}	31.8	4.3
	SAL1-22	22.7				77.1	96.1{9.8}	35.3	4.4
	SAL1-25	25.7			87.3	108.8{11.1}	39.4	4.5	
	SAL1-28	28.7	20.6{210}	24.5{250}	3300-900	91.9	102.0{10.4}	35.3	4.6
SAL1-32	32.6	17.2{175}	20.6{210}	3000-900	94.9	97.1{9.9}	30.4	4.7	
S A 2	SAL2-28	28.0	20.6{210}	24.5{250}	3000-800	81.5	100{10.2}	31.3	5.5
	SAL2-32	32.0				93.1	114{11.6}	35.8	5.6
	SAL2-36	36.1				105.1	128{13.1}	40.4	5.7
	SAL2-40	40.2				117.0	142{14.5}	45.0	5.9
	SAL2-45	43.7				127.2	156{15.9}	48.9	6.1
	SAL2-50	50.1				145.8	178{18.2}	56.0	6.3
	SAL2-56	56.5	17.2{175}	20.6{210}	2500-800	137.0	168{17.1}	43.9	6.5
	SAL2-63	63.5	15.2{155}	17.2{175}	2300-800	141.7	167{17.0}	40.1	6.7
S A 3	SAL3-56	63.5	20.6{210}	24.5{250}	2500 600	135.8	199{20.3}	52.2	11.1
	SAL3-63	56.1				153.0	225{22.9}	58.8	11.5
	SAL3-71	68.5				166.1	244{24.9}	63.9	11.9
	SAL3-80	80.0				194.0	284{29.0}	74.6	12.3
	SAL3-90	90.7				219.0	323{32.9}	84.6	12.8
	SAL3-100	100.5				243.3	357{36.4}	93.7	13.0
	SAL3-112	112.9	17.2{175}	20.6{210}	2000-600	245.2	335{34.2}	70.1	13.7
	SAL3-125	125.4	15.2{155}	17.2{175}		267.0	329{33.6}	69.0	14.4
S A 4	SAL4-112	114.9	20.6{210}	24.5{250}	2200	303.0	409{41.7}	94.3	19.5
	SAL4-125	125.1				346.1	445{45.4}	102.6	20.0
	SAL4-140	142.0			500	354.1	505{51.5}	116.5	20.5
	SAL4-160	162.2				393.4	577{58.9}	133.1	21.0
	SAL4-180	182.5			2000	439.4	649{66.2}	136.1	22.0
	SAL4-200	202.8				485.2	722{73.6}	151.3	22.5
	SAL4-224	226.5				485.2	806{82.2}	169.0	23.0
	SAL4-250	250.1				485.2	890{90.8}	186.5	24.0

SB系列SB SERIES

SIDEPORT TYPE



■規格型式／Type of specification

泵浦型式 Pump model	回轉容量 Disolace ment (cc/rev)	定格出力 Rated pressure (kg/cm ²)	最高壓力 Max. pressure (kg/cm ²)	回轉速度 Speed (rpm)	最大吐出量 Max. flow ※(l/min)	入力扭力 Input torque ※(kg・m)	入力馬力 Inout power ※(PS)	重量 Mass (kg)	sideport type										Rear port type			
									A	B	X1	Y1	D1	G1H1	X2	Y2	D2	G2H2	C	J1	J2	
SBL-6	6.4	210	250	3500	21.5	2.3	11.2	2.0	105	69.8	22.2	47.6	18	M8×1.25 深17	17.5	38.1	13	M8×1.25 深17	94.8	PF1/4 深17	PF1/2 深16	
SBL-8	8.0				26.8	2.9	14.0	2.1	107.7	72.5									97.5			
SBL-10	10.5				35.2	3.8	18.4	2.2	111.9	76.7									101.7			
SBL-12	12.4				41.6	4.5	21.7	2.3	115.2	80									105			
SBL-14	14.2				47.7	5.1	24.9	2.4	118.2	83									108			
SBL-17	16.9			900	56.7	6.1	29.6	2.5	122.7	87.5	112.5	26.2	52.4	28	M10×1.5 深17	22.2	47.6	18	M8×1.25 深17	118.5	PF1 深21	PF3/4 深17
SBL-18	18.1				60.8	6.5	31.7	2.9	134.7	96.5	123.5											
SBL-21	21.0				70.5	7.6	36.8	3.0	139.7	101.5	127											
SBL-22	23.1				77.6	8.3	40.5	3.0	143.2	105	129.5											
SBL-24	24.6				70.1	8.9	37.0	3.1	145.7	107.5	133											
SBL-26	26.7	185	210	3000	76.0	9.6	40.1	3.2	149.2	111	26.2	52.4	28	M10×1.5 深17	22.2	47.6	18	M8×1.25 深17	136	PF1 深21	PF3/4 深17	
SBL-28	28.4			900	67.4	9.0	31.3	3.3	152.2	114									142.5			
SBL-32	32.3			900	76.7	10.3	35.6	3.4	158.7	120.5									142.5			