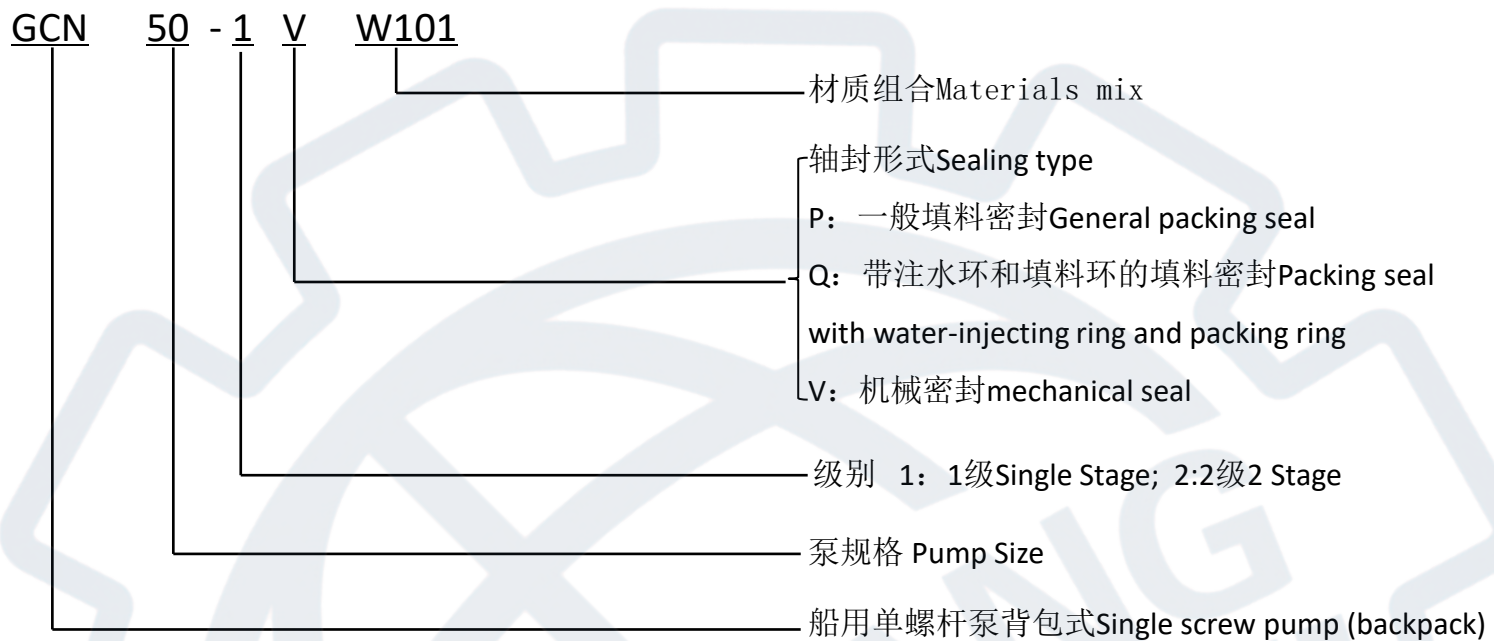


GCN系列背包式单螺杆泵 GCN Series backpacking single screw pump

GCN系列单螺杆泵在船上和陆地可用于输送中性或腐蚀性的液体，洁净的或磨损性的液体，含有气体或易产生气泡的液体，高粘度或低粘度的液体，包括含有纤维物和固体物质的液体，特点:适用的介质粘度范围宽、寿命长、占地面积小。

GCN series single screw pumps can be used on ships and on land to convey neutral or corrosive liquids, clean or abrasive liquids, liquids containing gas or prone to forming bubbles, high-viscosity or low-viscosity liquids, including liquids containing fibers and solids. Features: wide range of applicable medium viscosities, long service life, and small floor space.

型号代码 Ordering Code



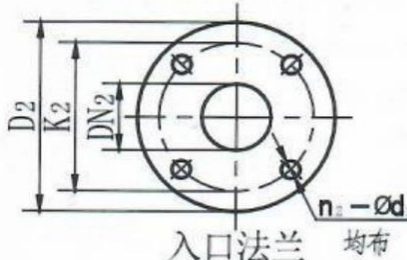
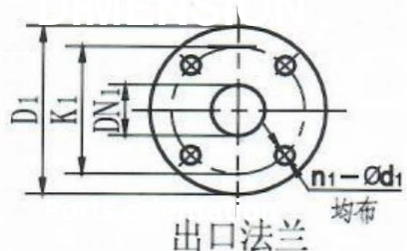
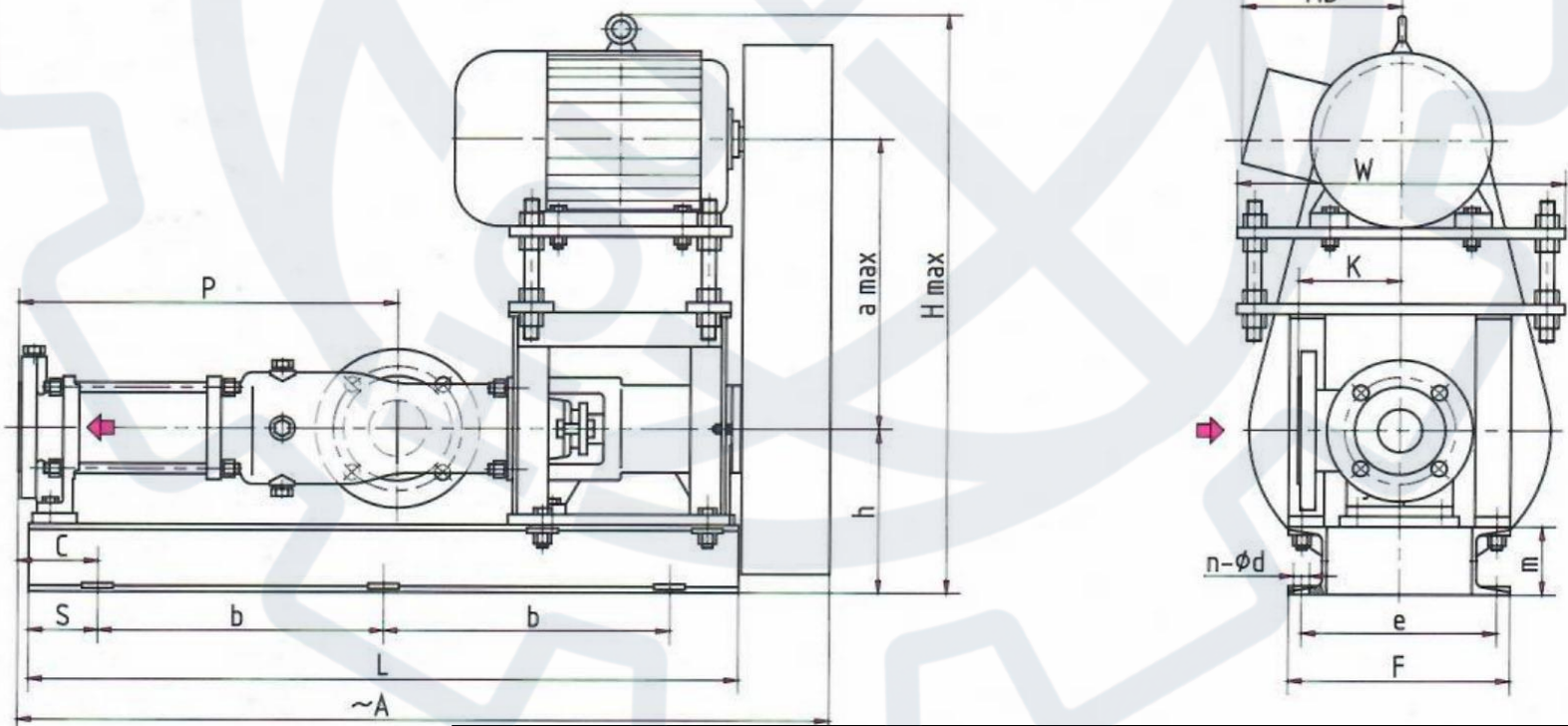
材质组合 Materials mix	代号 Code	螺杆 Drining screw	衬套 Insert	过流部件 Flow passage components
	W101	45	丁晴橡胶 NBR	45 HT20-40
	W102	1Cr18Ni9Ti	丁晴橡胶 NBR	1Cr18Ni9Ti ZG11Cr18Ni9Ti
	W105	1Cr18Ni9Ti	食品橡胶 W.NBR	1Cr18Ni9Ti ZG11Cr18Ni9Ti
	W108	45	乙丙橡胶 EPDM	45 HT20-40
	W109	1Cr18Ni9Ti	乙丙橡胶 EPDM	1Cr18Ni9Ti ZG11Cr18Ni9Ti
	W110	45	氟橡胶 FPM	45 HT20-40
	W111	1Cr18Ni9Ti	氟橡胶 FPM	1Cr18Ni9Ti ZG11Cr18Ni9Ti
	W112	1Cr18Ni9Ti	丁晴橡胶 NBR	1Cr18Ni9Ti HT20-40
	W115	1Cr18Ni9Ti	乙丙橡胶 EPDM	1Cr18Ni9Ti HT20-40
W116	1Cr18Ni9Ti	氟橡胶 FPM	1Cr18Ni9Ti HT20-40	

GCN系列单螺杆泵性能 Technical Specification

型号 Model	压力 Pressure in the delivery branch 0.3MPa				压力 Pressure in the delivery branch 0.6MPa			
	转速 Speed r/min	流量 Flow m ³ /h	轴功 Power kW	电机 Motor	转速 Speed r/min	流量 Flow m ³ /h	轴功 Power kW	电机 Motor
				齿轮减速 Gear reduction				齿轮减速 Gear reduction
GCN25-1	560	1.8	0.38	Y90S-6(0.75kW)	560	1.52	0.54	Y90S-6(0.75kW)
	450	1.46	0.31		450	1.13	0.44	
	360	1.07	0.26		360	0.74	0.36	
GCN35-1	560	3.71	0.66	Y100L-6(1.5kW)	560	3.05	1.03	Y100L-6(1.5kW)
	450	2.98	0.53		450	2.28	0.82	
	360	2.12	0.44		360	1.59	0.66	
GCN40-1	560	7.53	1.01	Y112M-6(2.2kW)	560	6.13	1.73	Y112M-6(2.2kW)
	450	5.87	0.81		450	4.71	1.4	
	360	4.46	0.66		360	3.13	1.09	
	250	2.76	0.48	Y132S-8(2.2kW)	250	1.63	0.76	Y132S-8(2.2kW)
GCN50-1	560	14.86	2.1	Y132M ₁ -6(4kW)	560	12.77	3.55	Y132M ₂ -6(5.5kW)
	450	11.88	1.61		450	9.67	2.84	Y132M ₁ -6(4kW)
	360	9.2	1.21	Y132S-6(3kW)	360	6.6	2.22	
	250	5.73	0.87	Y132M-8(3kW)	250	3.13	1.63	Y132M-8(3kW)
GCN70-1	560	30.01	3.81	Y160L-6(11kW)	560	27.68	7.23	Y160L-6(11kW)
	450	24.43	3.04		450	19.31	5.9	
	360	18.16	2.44	Y160Mz-8(5.5kW)	360	13.5	4.7	Y160L-8(7.5kW)
	250	12.29	1.67		250	7.01	2.88	

型号 Pump Size	压力Pressure in the delivery branch 0.8MPa				压力Pressure in the delivery branch 1.2MPa			
	转速Speed r/min	流量Flow m ³ /h	轴功Power kW	电机 Motor 齿轮减速 Gear reduction	转速Speed r/min	流量Flow m ³ /h	轴功Power kW	电机 Motor 齿轮减速 Gear reduction
GCN20-2	560	0.67	0.65	Y90L-6(1.1kw)	560	0.58	0.76	Y90L-6(1.1kw)
	450	0.51	0.54		450	0.39	0.64	
	360	0.32	0.43		360	0.25	0.47	
GCN25-2	560	1.76	0.92	Y100L-6(1.5kw)	560	1.52	1.28	Y100L-6(1.5kw)
	450	1.43	0.74	Y90L-6(1.1kw)	450	1.13	0.95	Y90L-6(1.1kw)
	360	1.05	0.64		360	0.74	0.74	
GCN35-2	560	3.7	1.68	Y132S-6(3kw)	560	3.23	2.15	Y132S-6(3kw)
	450	2.8	1.32		450	2.45	1.66	
	360	2.14	1.13		360	1.67	1.33	
	250	1.38	0.73	Y132S-8(2.2kw)	250	0.75	1.01	Y132S-8(2.2kw)
GCN40-2	560	7	2.73	Y132M2-6(5.5kw)	560	6.44	3.72	Y132M2-6(5.5kw)
	450	5.49	2.22		450	4.98	2.92	
	360	4.18	1.79	Y132M1-6(4kw)	360	3.63	2.36	Y132M1-6(4kw)
	250	2.46	1.25	Y132M-8(3kw)	250	2.04	1.83	Y132M-8(3kw)
GCN50-2	560	14.28	4.85	Y160L-6(11kw)	560	13.35	6.65	Y160L-6(11kw)
	450	10.94	3.73	Y160M-6(7.5kw)	450	9.49	5.24	Y160M-6(7.5kw)
	360	8.84	2.94	Y160L-8(7.5kw)	360	7	4.16	Y160L-8(7.5kw)
	250	5.1	2.14		250	3.8	3.02	
GCN70-2	560	30.82	10.3	Y180L-6(15kw)	560	26.71	13.87	Y180L-6(15kw)
	450	24.28	8.74		450	21.58	12.5	
	360	18	7.5	Y180L-8(11kw)	360	16	9.7	Y180L-8(11kw)
	250	11.5	6		250	9.05	6.29	

外形安装尺寸Overall and installation Dimensions



泵规格Pump size		GCN20	GCN25	GCN35	GCN40	GCN50	GCN70
出口法兰 Delivery flange PN16 GB2555	DN ₁	32	40	50	65	80	100
	K ₁	100	110	125	145	160	180
	d ₁	18	18	18	18	18	18
	n ₁	4	4	4	4	8	8
	D ₁	140	150	165	185	200	220
进口法兰 Suction flange PN16 GB2555	DN ₂	40	50	65	80	100	125
	K ₂	110	125	145	160	180	210
	d ₂	18	18	18	18	18	18
	n ₂	4	4	4	8	8	8
	D ₂	150	165	185	200	220	250

外形安装尺寸Overall and installation Dimensions

泵规格 Pump size	电机型号 Motor Size	功率 Power (Kw)	安装尺寸Installation dimensions(mm)																				
			A	L	h	amax	P	K	Hmax	e	F	C	S	b	m	W	n	Ød	AD				
GCN20	-1	Y90S-6	0.75	684	582	180	286	301	80	565	184	220	59	40	502	80	300	4	14	175			
	-2	Y90S-6	1.1	790	688	180	286	407	80	565	184	220	59	40	608		300	4	14				
GCN25	-1	Y90S-6	0.75	790	688	180	286	400	90	565	184	220	59	40	608		300	4	14	175			
	-2	Y90S-6	1.5	925	825	180	286	536	90	610	184	220	59	40	745		300	4	14	175			
		Y100L-6	1.5																	185			
GCN35	-1	Y100L-6	1.5	915	800	192	340	437	115	690	220	250	100	78	645					400	4	18	185
	-2	Y132S-6	3	1085	970	192	340	607	115	690	220	250	100	78	815		400	4	18	245			
		Y132S-8	2.2																				
GCN40	-1	Y112M-6	2.2	1080	945	221	360	535	115	760	220	250	38	28	845					400	4	18	195
		Y132S-8	2.2														245						
	-2	Y132M ₂ -6	5.5	1295	1160	221	360	747	115	760	220	250	38	30	1100		400	4	18				245
		Y132M ₁ -6	4																				
		Y132M-8	3																				
GCN50	-1	Y132M ₁ -6	4	1290	1130	236	380	661	130	800	252	280	113	100	930					400	4	18	245
		Y132S-6	3																				
		Y132M-8	3																				
	-2	Y160L-6	11	1570	1405	236	380	933	130	870	252	280	60	50	1305	430	4	18	270				
		Y160M-6	7.5																				
Y160L-8	7.5																						
GCN70	-1	Y160L-6	11	1650	1390	306	480	821	150	1056	310	350	56	50	645				460	6	18	270	
		Y160L-8	7.5																				
	-2	Y180L-6	15	1990	1730	306	480	1161	150	1056	310	350	61	50	815	126	460	6				18	290