



DONGXU HYDRAULICS

Over 1,000,000 units sold 6,000+ customers served
Product lifespan of up to 10 years

Dongxu is taking action on the dream of China's hydraulic success.



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Dongxu Hydraulic Machinery Co., Ltd.



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COMPANY PROFILE

Foshan Nanhai Dongxu Hydraulic Machinery Co., Ltd. ("Dongxu Hydraulics"), founded in 2002, we are a pioneering company specializing in research, development, and manufacturing, with a primary focus on fluid temperature control for industrial equipment, hydraulic lubrication fluid control systems, and hydraulic components.

With a diverse portfolio of products, we serve a wide range of industries, including new energy, energy storage, semiconductor, data centers, power equipment, metallurgy, forging, construction machinery, electrical machinery, petrochemicals, machine tool industry, offshore vessels, mining machinery, papermaking machinery, industrial automation control, and intelligent manufacturing. With an unwavering commitment to quality, our market presence spans nationwide and extends to Europe, Southeast Asia, and North America, making us a strategic partner for renowned domestic and international enterprises.

At Dongxu Hydraulics, we attribute our success to our relentless pursuit of innovation and development. To achieve this, we have established a dedicated R&D team comprising exceptional technical talents from both domestic and international backgrounds. Collaborating with prestigious institutions such as Zhejiang University, South China University of Technology, Tsinghua University, Yanshan University, and Yangzhou University, we leverage practical technology, emerging technology, and service technology as the foundation for our research and development efforts. Currently, we have successfully transformed over sixty patented achievements, constantly driving our company's growth through sustained innovation.

To cater to the evolving needs of our customers, we have established production and R&D centers in Foshan, Chengdu, and Wuxi. Complemented by an extensive after-sales and service network, we ensure comprehensive coverage across both domestic and select international markets. Our commitment to excellence has been recognized through prestigious accolades, including Provincial-level Specialized, Focused, New and High-tech Enterprise, National-level High-tech Enterprise, Chairman Unit of Foshan Hydraulic and Pneumatic Industry Association, as well as Innovative Small and Medium-sized Enterprise. Furthermore, we have obtained certifications such as ISO 9001 (quality management), ISO 4001 (environmental management), ISO 10012 (measurement management), GB/T 29490-2013 (intellectual property management), and CE (EU export).

Driven by our vision to "Create a national brand for Chinese manufacturing", while placing customer satisfaction at the core of our operations, we strive to become a trusted and admired brand enterprise, continuously pushing the boundaries of innovation with our intelligence and creative spirit. Our ultimate goal is to be the preferred partner for global machinery and equipment providers.



Provincial Specialized, Focused,
New and High-tech Enterprise



CE European Safety
Compliance Certificate



ISO10012 Measurement
Management System Certification

Vision

To create a national brand made in China, to become a brand enterprise trusted and loved by users, to be a high-growth enterprise with sustainable operation, and to be a company with a sense of social responsibility

Service Philosophy

Our service philosophy is to keenly grasp application trends, promptly meet customer needs, pursue excellence, provide high-quality products, prioritize customer-centricity, and exceed customer satisfaction.

Core Values

Our service philosophy is to keenly grasp application trends, promptly meet customer needs, pursue excellence, provide high-quality products, prioritize customer-centricity, and exceed customer satisfaction.

Business Philosophy

Our business philosophy is built on integrity and loyalty, placing customers first, focusing on expertise, aligning goals, emphasizing quality, and fostering continuous innovation.

Team Spirit

Our team spirit is characterized by diligence and dedication, honesty and integrity, courage and loyalty, optimism and confidence, a passion for learning, proactive advancement, innovation and contribution, a strong focus on cooperation, and an ownership mentality.



Subordinate brand

DONGXU[®]



HELIKE[®]

DOXUDA[®]

KAYDUN[®]

RUIYI[®]

BOKADE[®]

OUR 23-YEAR CORPORATE GROWTH JOURNEY

DEVELOPMENT MILESTONES

2002

- Established Dongxu Hydraulics
- Set up the Foshan factory
- Started production of bell housings, couplings, hydraulic cylinders, and cleaning openings.

2004

- Established the Marketing Center
- Introduced the brands DONGXU, and DONGXUDA
- Established the Hydraulic Components Division
- Became an authorized distributor of well-known domestic and international hydraulic brands.

2009

- Expanded into foreign markets
- Started production of finned tube water coolers
- Achieved ISO9001 quality management system certification and CE certification

2011

- Started production of air coolers (AH series)
- Established the Air Cooler Division

2014

- Established the Chengdu factory
- Started production of industrial oil coolers (DXY series)

2016

- Established the Wuxi factory
- Introduced the brand of Helik
- Established the Foshan Hydraulic and Pneumatic Industry Association (elected as "Chairman Unit")

2017

- Introduced the brand of Kaydun
- Started production at the Wuxi factory
- Started production of high-end air coolers (DX series)

2019

- Acquired controlling stake in the third factory in Fenghua, Zhejiang
- Started production of bladder accumulators and diaphragm accumulators

2020

- Recognized as a "National High-tech Small and Medium-sized Enterprise"
- Started production of oil coolers, industrial chillers, and cabinet cooling systems.

2021

- Established the New Energy and Energy Storage Liquid Cooling Division, abbreviated as the Liquid Cooling Division
- Introduced the brand of DX
- Achieved Intellectual Property Management System Certification
- Continuously elected as the Chairman Unit of the Foshan Hydraulic and Pneumatic Industry Association

2022

- Recognized as a High-tech Enterprise
- Received Provincial Specialized, Focused, New and High-tech Enterprise and Municipal Specialized, Focused, New and High-tech Enterprise certifications
- Recognized as an Innovative Small and Medium-sized Enterprise

2023

- Started production of IDC (Numerical Control Center) and energy storage liquid cooling equipment.
- Achieved Measurement Management System Certification
- Relocated the Foshan (headquarters) to new factory

2024

- Wuxi plant moved to new premises
- Establishment of Dongxu Europe

ENTERPRISE HONOR

The company strictly complies with the ISO9001:2015 Quality Management System and has formulated the 'ISO9001:2015 Quality Manual' to provide strict control over high-quality products.



Intellectual Property Management System Certification



ISO9001 Quality Management System Certification



ISO14001 Environmental Management System Certification



ISO10012 Measurement Management System Certification



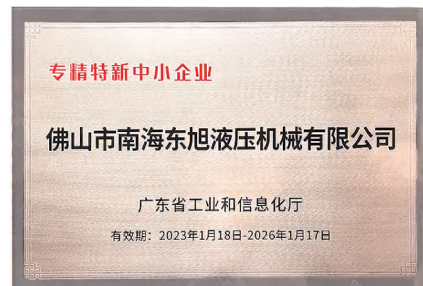
CE European Safety Compliance Certificate



Appearance Design Patent Certificate



Utility Model Patent Certificate



Provincial Specialized, Focused, New and High-tech Enterprise



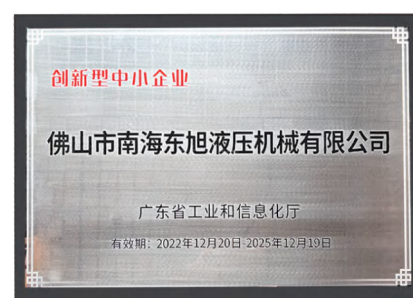
Provincial High-tech Enterprise



Municipal Specialized, Focused, New and High-tech Enterprise



National-level Technology-based Small and Medium-sized Enterprise



Innovative Small and Medium-sized Enterprise



Chairing unit of the Foshan Hydraulic Pneumatic Industry Association

Strong R&D capabilities provide fast technical

The company's testing center is equipped with various advanced high-precision equipment and measuring devices, capable of mechanical performance, chemical composition analysis, fatigue testing, and precise dimension measurement, ensuring customer satisfaction with reliable products.



R&D design



High-precision mold CNC



Finished product inspection center

Aluminum alloy bell housing manufacturing process



Raw material forming

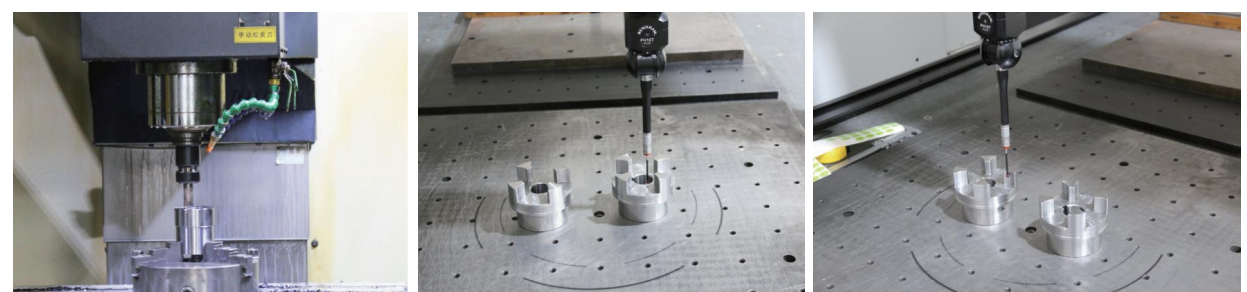


High-precision mold CNC



Finished product inspection

Star type elastic coupling production technology



High precision CNC machining

Finished product inspection



ALUMINUM BELL JAR & SERVO BRACKET



Aluminum alloy bell housing (full circle)

Aluminum alloy manufacturing process: gravity casting

Product description

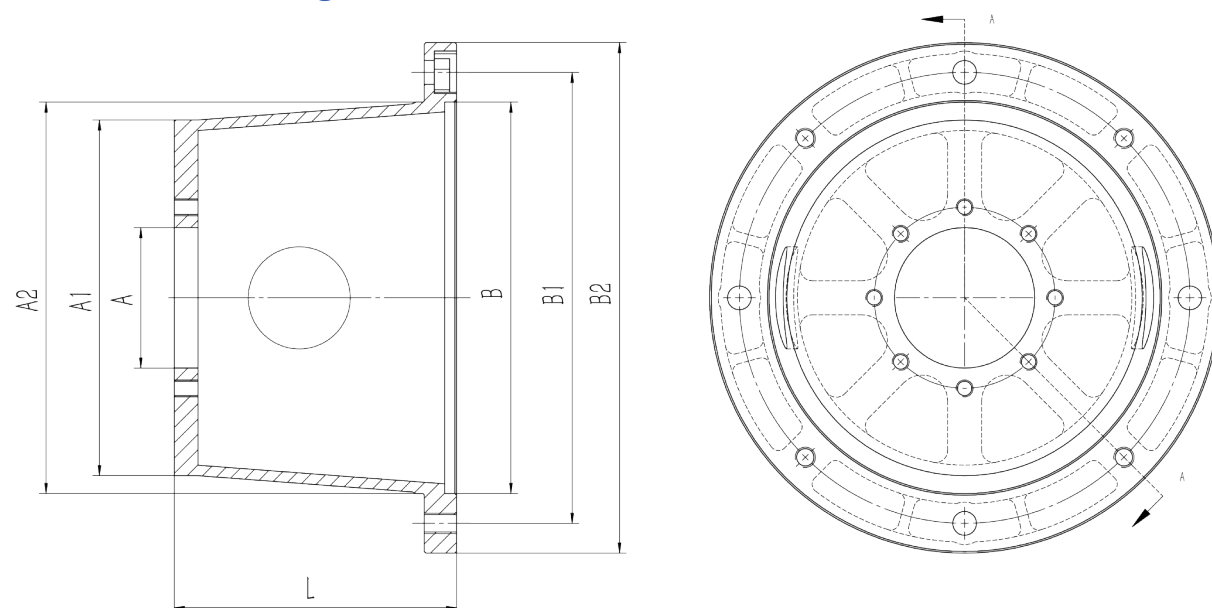
1. Used for connecting IEC standard motors and hydraulic oil pumps
2. The bottom of the bell housing is not solid but reinforced
3. Side vents for easy observation of machine operation
4. Suitable for heavy loads
5. Available for vertical and horizontal motors

Product characteristics

- No vents, high tensile strength, large torque, high density (+T6)



Product size drawing



Type parameter list

Model NO	External dimensions						
	Minimum	A1	A2	B	B1	B2	L
PK200	35	130	135	130	165	200	110
	80	170					
PK250	25	175	184	180	215	250	120
	35						130
	50						150
	70	179					160
	75						188
PK300	80	211	230	230	265	300	150
	80						166
	70						182
	100						192
PK350	50	230	250	250	300	350	187
	60						197
	60						204
	75						226
	100						213
	120						248
PK400	80	280	300	300	350	400	205
	80						222
	100						244
	150						310
PK450	100	325	350	350	400	450	235
	100						265
	100						285
	150						335
PK550	50	370	450	450	500	550	265
	125	362					295
	150						348
	150						388
PK660	120	415	550	550	600	660	310
	120	405					330
	125	398					345
PK800	165.1	520	685	680	740	800	335

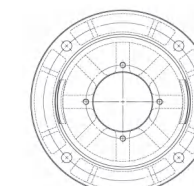


Figure 1

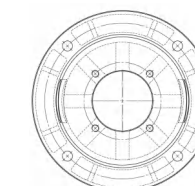


Figure 2

Order description

Model NO	Height of the bell housing	Oil pump port	Oil pump installation center distance (margin)	Oil pump mounting holes	Motor installation method
PK350	187	101.6	146	4xM12/90°	L
PK350	187	101.6	146	4xM12/90°	W

L indicates: vertical installation motor end with 4 through holes and 4 threaded holes

W indicates: horizontal installation motor end with 4 through holes

90° indicates: oil pump installation (see diagram 1)

45° indicates: oil pump installation (see diagram 2)

Note: Oil pump models and parameters provided by the customer, supplier drawing confirmation is primary

Aluminum alloy bell housing (cut edge)

Aluminum alloy manufacturing process: gravity casting

Product description

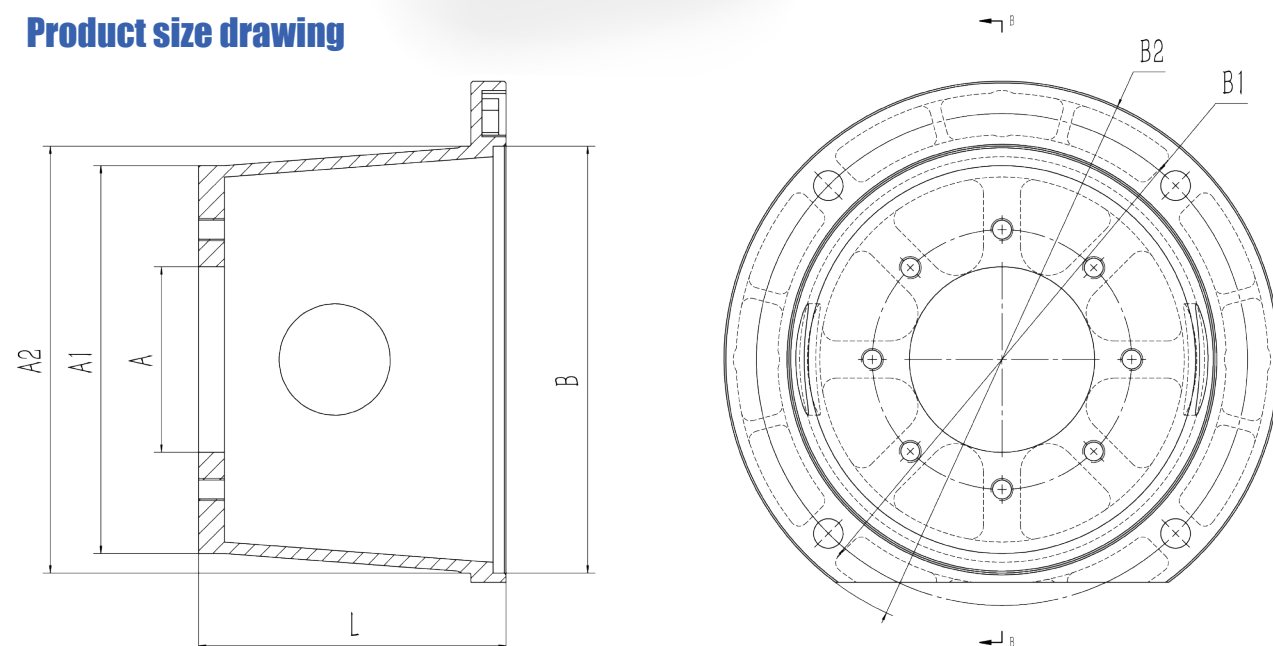
1. Used for connecting IEC standard motors and hydraulic oil pumps.
2. The bottom of the bell housing is not solid but reinforced.
3. Side vents for easy observation of machine operation.
4. Suitable for heavy loads.
5. Available for vertical and horizontal motors.

Product characteristics

- No vents, high tensile strength, large torque, high density (+T6)



Product size drawing



Type parameter list

Model NO	External dimensions						
	Minimum	A1	A2	B	B1	B2	L
PK200	35	130	135	130	165	200	110
	80	170					
PK250	25	175	184	180	215	250	120
	35						130
	50						150
	70	179					160
	75						188
PK300	80	211	230	230	265	300	150
	80						166
	70						182
	100						192
PK350	50	230	250	250	300	350	187
	60						197
	60						204
	75						226
	100						213
	120	225					248
PK400	80	280	300	300	350	400	205
	80						222
	100						244
	150						310
PK450	100	325	350	350	400	450	235
	100						265
	100						285
	150	323					335
PK550	50	370	450	450	500	550	265
	125	362					295
	150						348
	150						388
PK660	120	415	550	550	600	660	310
	120	405					330
	125	398					345
PK800	165.1	520	685	680	740	800	335

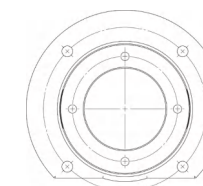


Figure 1

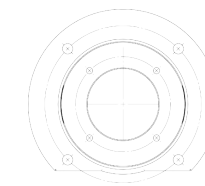


Figure 2

Order description

Model NO	Height of the bell housing	Oil pump port	Oil pump installation center distance (side distance)	Oil pump mounting holes	Motor installation method
PK350	187	101.6	146	4xM12/90°	W

L indicates: vertical installation motor end with 4 through holes and 4 threaded holes

W indicates: horizontal installation motor end with 4 through holes

90° indicates: oil pump installation (see diagram 1)

45° indicates: oil pump installation (see diagram 2)

Note: Oil pump models and parameters provided by the customer, supplier drawing confirmation is primary

Aluminum alloy bell housing (full circle)

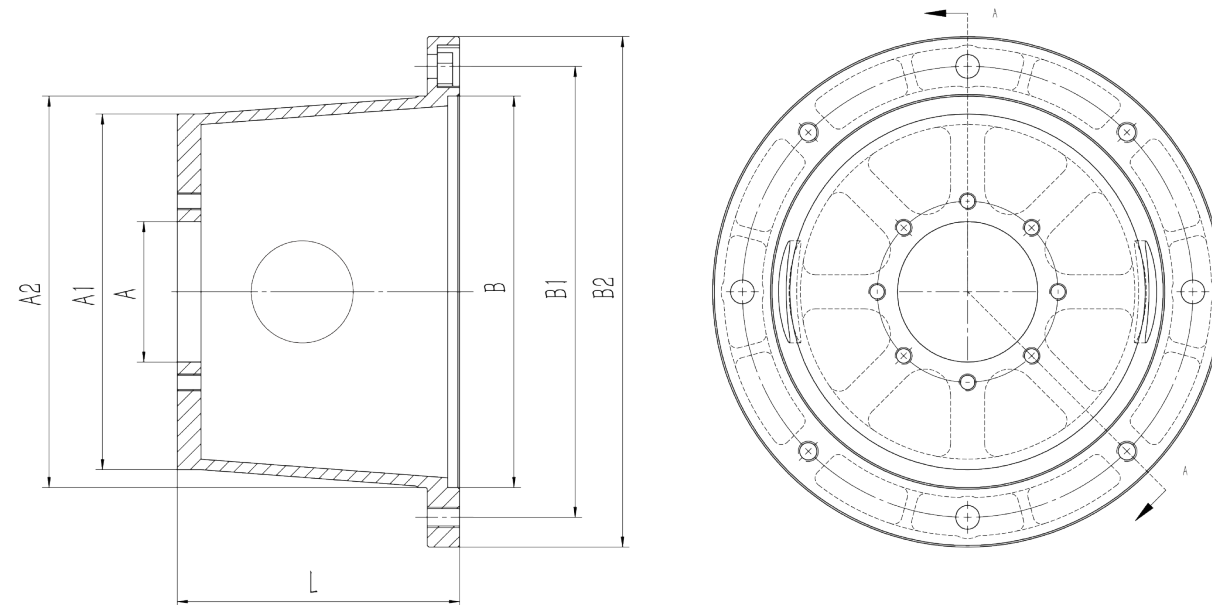
Aluminum alloy manufacturing process: die-casting

Product description

1. Used for connecting IEC standard motors and hydraulic oil pumps.
2. The bottom of the bell housing is not solid but reinforced.
3. Side vents for easy observation of machine operation.
4. Suitable for heavy loads.
5. Available for vertical and horizontal motors.



Product size drawing



Type parameter list

Model NO	A	A1	A2	B	B1	B2	L
PK200	25.4	130	140	130	165	200	94
	50						100
	50.77						
	80						
	50.77						
	80						
PK250	82.5	150	220	180	215	250	119
	25.4						
	50						
	50.77						
	55						
	63						
	70						
	75						
	80						
	82.55						

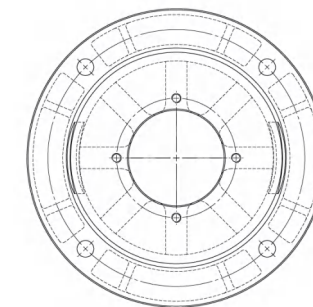


Figure 1

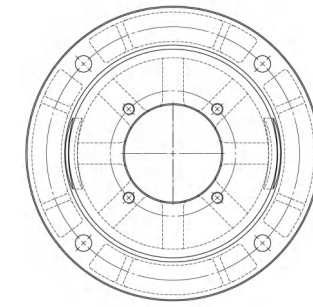


Figure 2

Order description

Model NO	Height of the bell housing	Oil pump port	Oil pump installation center distance (side distance)	Oil pump mounting holes	Motor installation method
PK200	100	82.55	146	4xM12/90°	L

L indicates: vertical installation motor end with 4 through holes and 4 threaded holes

W indicates: horizontal installation motor end with 4 through holes

90° indicates: oil pump installation (see diagram 1)

45° indicates: oil pump installation (see diagram 2)

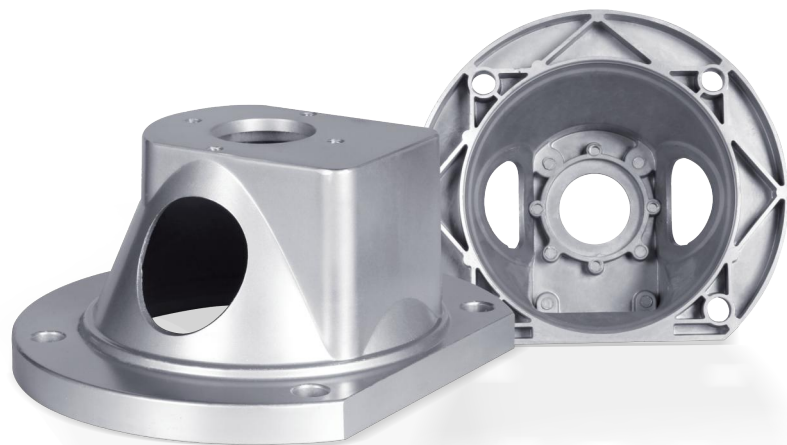
Note: Oil pump models and parameters provided by the customer, supplier drawing confirmation is primary

Aluminum alloy bell housing (cut edge)

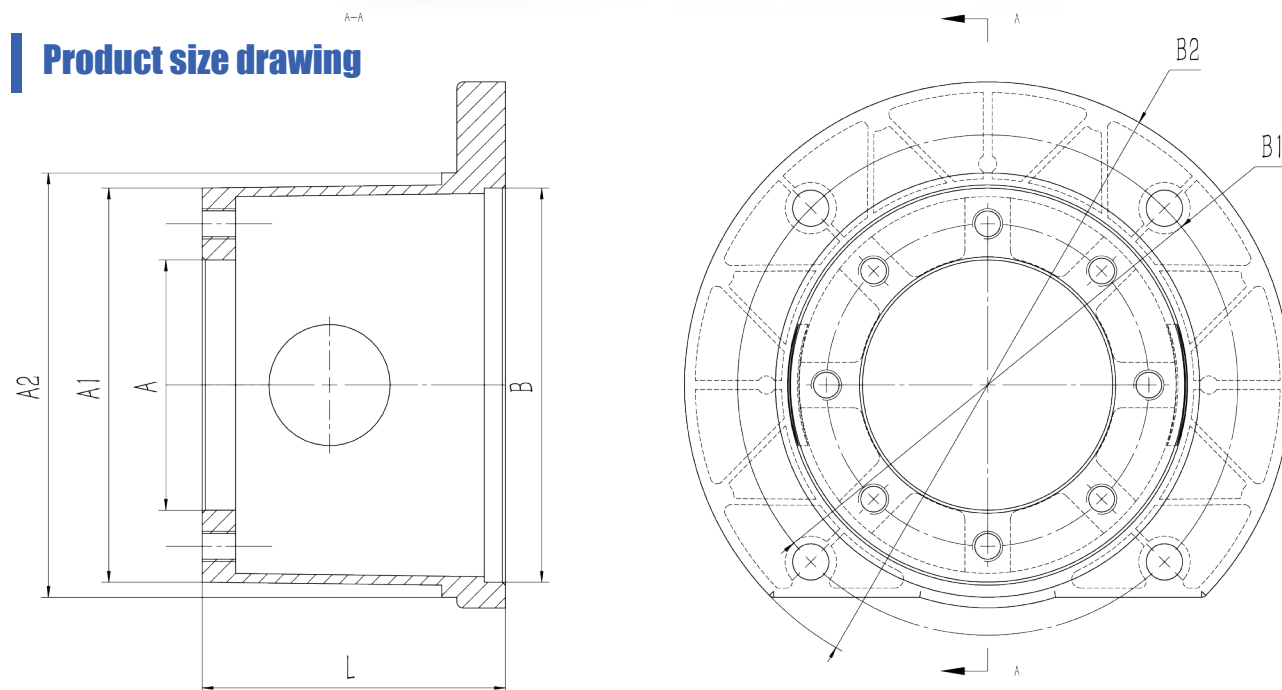
Aluminum alloy manufacturing process: die-casting

Product description

1. Used for connecting IEC standard motors and hydraulic oil pumps.
2. The bottom of the bell housing is not solid but reinforced.
3. Side vents for easy observation of machine operation.
4. Suitable for heavy loads.
5. Available for vertical and horizontal motors.



Product size drawing



Type parameter list

Model NO	A	A1	A2	B	B1	B2	L
	35						95
PK200	50	130	140	130	165	200	100
	50.80						
	55						
	75						
	75						
	80						
	82.5						
	39						105
PK250	50	150	180	180	215	250	115
	55						120
	70						
	75						
	80						
	82.5						
	85						
	52	145	180	180	215	250	150
	60						160
	75						
PK300	80	165	220	230	265	300	146
	82.5						
	85						
	90						
	95						
	100						
	101.6						

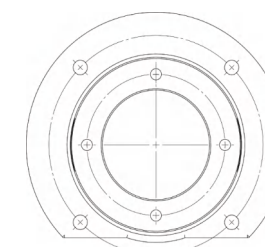


Figure 1

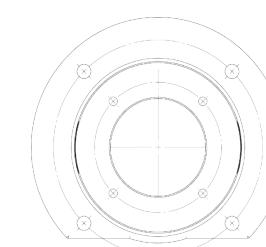


Figure 2

Order description

Model NO	Height of the bell housing	Oil pump port	Oil pump installation center distance (side distance)	Oil pump mounting holes	Motor installation method
PK200	100	82.55	146	4xM12/90°	W

L indicates: vertical installation motor end with 4 through holes and 4 threaded holes

W indicates: horizontal installation motor end with 4 through holes

90° indicates: oil pump installation (see diagram 1)

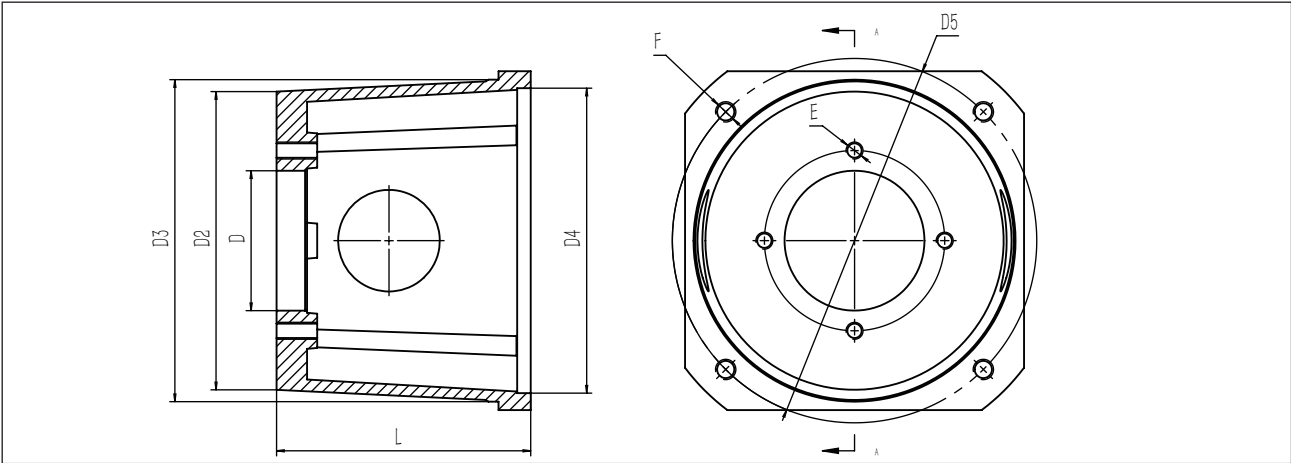
45° indicates: oil pump installation (see diagram 2)

Note: Oil pump models and parameters provided by the customer, supplier drawing confirmation is primary

Aluminum alloy servo bracket (vertical-horizontal)



Product size drawing



Type parameter list

Model NO	L±1	D	D2	D3	D4	D5	E	F
DX110-LW	145	82.55	133	140	110	145	4-M10	4-M8
DX114.3-LW	145	82.55	135	140	114.3	200	4-M10	4-M12
DX130-LW	130	82.55	133	140	130	200	4-M10	4-M12
DX180-LW	150	82.55	175	180	180	215	4-M10	4-M12
	160	82.55					4-M12	
	170	101.6					4-M16	
	198	127						
DX250-LW	230	127	230	250	250	300	4-M16	4-M16
		152.4	235					
		180	270	/				

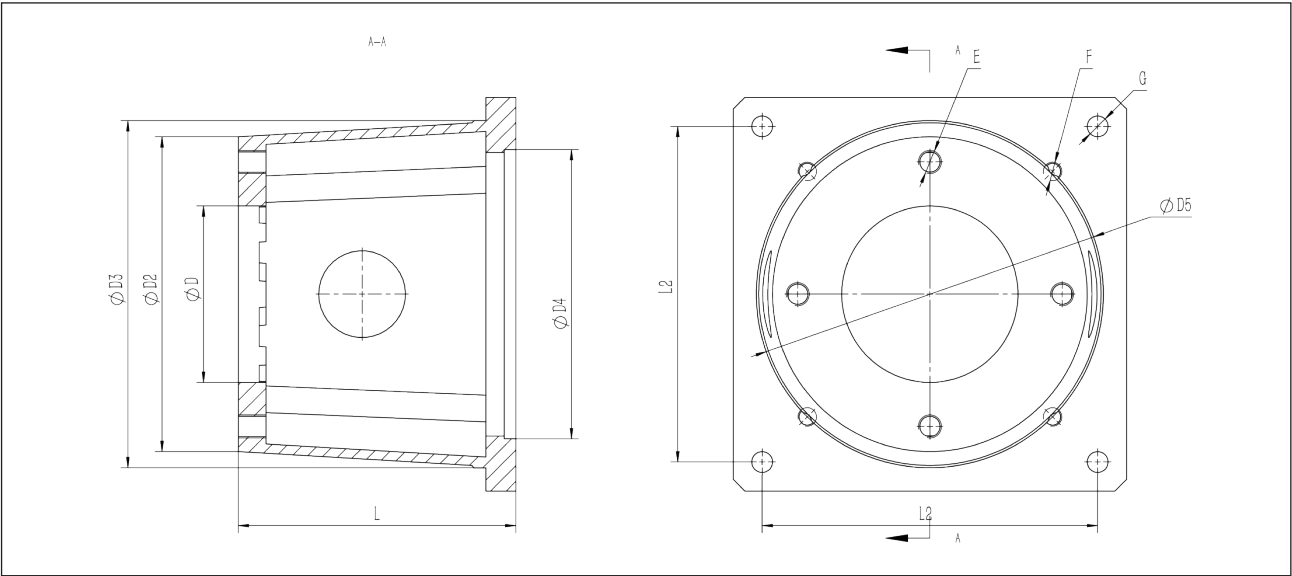
Order description

Model NO	Motor port	Height	Oil pump port	Vertical-horizontal
DX (specific to servo motors)	110	145	82.55	LW

Aluminum alloy servo bracket (vertical)



Product size drawing



Type parameter list

Model NO	L±1	L2	D	D2	D3	D4	D5	E	F	G
DX130-L	130	145	82.55	133	140	130	200	4-M10	4-M12	4-φ 12
DX250-L	220	265	165.1	350	350	250	300	4-M18	4-M16	4-φ 18
	240	290	127	272	300			4-M16		
			152.4							

Order description

Model NO	Motor port	Height	Oil pump port	Vertical-horizontal
DX (specific to servo motors)	130	145	82.55	L



STAR ELASTIC COUPLING (GR)



Star-shaped elastic coupling (GR)

Product description

Product structure: consists of left and right metal claw-shaped sleeves and a middle polyurethane spider-shaped elastomer.

Material: Special polyurethane (hardness 98SHA, red).

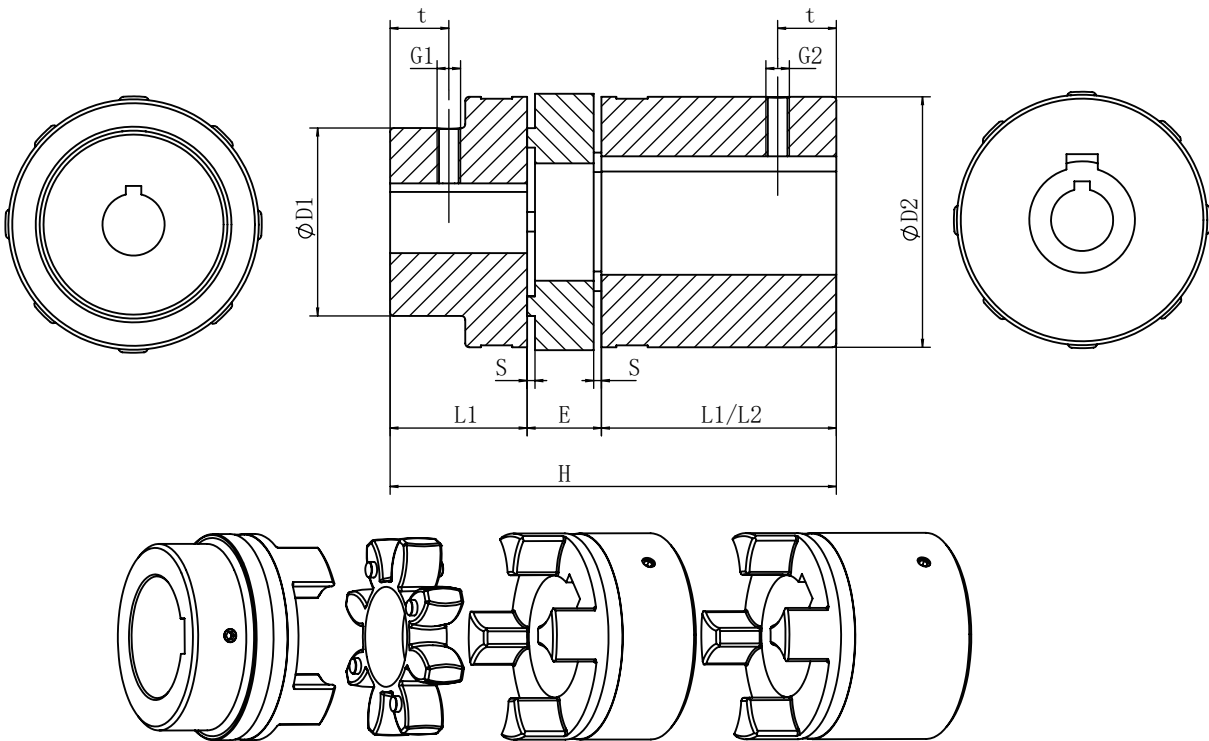
Metal claw-shaped sleeve material: 45 steel.

Spider-shaped elastomer material: special polyurethane (hardness 98SHA, red).

This product is a torsionally flexible coupling with fail-safe features. Its structure is compact, lightweight, and has low rotational inertia, but can transmit high torque. The coupling's high operating quality and lifespan are due to all surfaces being precisely machined. The spider-shaped elastomer made from special polyurethane effectively dampens vibrations generated during operation, absorbs the shocks from uneven operation at the power end and equipment end, and avoids stress concentration due to its drum-shaped tooth design, thereby effectively correcting axial, radial, and angular installation deviations.



Product size drawing



Type parameter list

Modell	Nenndrehmoment (Nm)	L1 (mm)	L2 (mm)	D1 (mm)	t2 (mm)	t1 (mm)	D2 (mm)	G1	G	E (mm)	S (mm)
GR19	17	25	37	39	13	13	39	M6	M6	14.5	1
GR24	60	30	50	40	10	25	54	M6	M6	15.2	1
GR28	160	35	60	48	13	25	64	M6	M6	19	2
GR38	325	40	70	66	15	30	79	M8	M8	22	2
GR42	450	45	75	75	20	35	94	M8	M8	24	2
GR48	525	56	80	85	25	40	104	M8	M10	25.5	3
GR55	685	55	90	90	22	45	119	M8	M10	27	3
GR65	940	75	100	115	30	45	135	M10	M10	32	3
GR75	1920	70	110	135	32	70	158	M10	M10	37	3
GR90	3600	70	140	160	40	60	198	M12	M12	42	4
GR100	4950	105	110	180	50	60	225	M12	M16	42	4
GR110	7200	120	120	200	50	70	255	M12	M16	42	4

Order description

Product Name	Model NO	Shaft diameter of machine	Oil pump shaft diameter
Star-shaped elastic coupling (GR)	GR38 1b- ϕ 38x70/1- ϕ 25x45	38	25

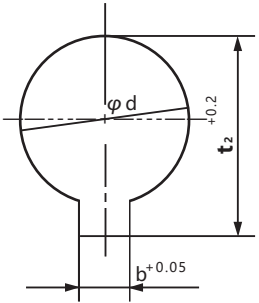
Star-shaped elastic coupling (GR)

Quick type selection

GR spider-shaped couplings are compatible with IP54/IP55 standard ICE motors (98SHA elastomer)														
AC motor 50Hz			Motor output n=3000rpm 2Stage		Coupling specifications	Motor output n=1500rpm 4Stage		Coupling specifications	Motor output n=1000rpm 6Stage		Coupling specifications	Motor output n=750rpm 8Stage		Coupling specifications
Specifications	Shaft end d _{xl} (mm) 2-stage 4, 6, 8-stage		Output power P(kW)	T(Nm) Torque		Output power P(kW)	T(Nm) Torque		Output power P(kW)	T(Nm) Torque		Output power P(kW)	T(Nm) Torque	
63	11x23		0.18	0.62	14	0.12	0.88	14	0.06	0.7	14			14
			0.25	0.86		0.18	1.3		0.09	1.1		0.09	1.4	
71	14x30		0.37	1.3		0.25	1.8		0.18	2		0.12	1.8	
			0.55	1.9	19	0.37	2.5	19	0.25	2.8	19	0.18	2.5	19
80	19x40		0.75	2.5		0.75	5.1		0.55	5.8		0.25	3.5	
			1.1	3.7		1.1	7.5		0.75	8		0.37	5.3	
90S	24x50		1.5	5	24	1.5	10	24	1.1	12	24	0.55	7.9	24
90L			2.2	7.4		2.2	15		1.5	15		0.75	11	
						3	20		2.2	22		1.1	16	
100L	28x60		3	9.8	28	4	27	28	4	40	28	1.5	21	28
			4	13		7.5	49		5.5	30		2.2	30	
112M	38x80		5.5	18		7.5	49		5.5	30		2.2	30	
132S	38x80		7.5	25	38	11	72	38	7.5	75	38	4	54	38
						15	98		11	109		5.5	74	
132M						18.5	60		11	109		7.5	100	
160M	42x110		11	36	42	18.5	121	42			42			42
			15	49		22	144		15	148		11	145	
160L	48x110		18.5	60		30	196		18.5	181		15	198	
180M	55x110		22	71	48	37	240	48	22	215	48	18.5	244	48
			30	97		45	292		30	293		22	290	
180L	55x110		37	120		55	356		37	361		22	290	
200L	55x110		30	97	55	55	356	55	37	361	55	30	392	55
			37	120		75	484		45	438		37	483	
225S	55x110		45	145		90	581		55	535		45	587	
225M	60x140		55	177	65	110	707	65	75	727	65	55	712	65
250M	60x140		75	241		132	849		75	727		75	712	
280S	75x140		90	289		160	1030		90	873		75	971	
280M	75x140		110	353	75	200	1290	75	110	1070	75	90	1170	75
315S	80x170		132	423		250	1600		110	1070		90	1170	
315M	80x170		160	513		315	2020		110	1070		110	1170	
315L	85x170		200	641	90	315	2020	90	132	1280	90	110	1420	90
			250	802		355	2280		132	1280		110	1420	
			315	1010		400	2570		160	1550		132	1710	
315	85x170		355	1140	90	400	2570	90	200	1930	90	160	2070	90
			400	1280		500	3210		200	1930		160	2070	
			500	1600		560	3580		250	2410		160	2070	
355	75x140		560	1790	100	560	3580	100	315	3040	100	250	3220	100
			630	2020		630	4030		400	2570		250	2580	
			710	2270		710	4540		500	4330		250	2580	
400	80x170		800	2560	110	800	5120	110	560	5390	110	315	4060	110
			900	2880		900	5760		560	5390		355	4570	
			1000	3200		1000	6400		630	6060		400	5150	
450	90x170		900	2880	110	1000	6400	110	710	6830	110	450	5790	110
			1000	3200		800	5120		710	6830		500	6420	
						900	5760		800	7690		560	7190	

Imperial hole size

Star-shaped elastic coupling				19	24	28	38	42	48	55	65	75	90
Material				Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
ϕd	ϕd Inches	$b^{+0.05}$	$t_2^{+0.05}$										
9.5 ^{+0.03}	3/8	3.17	11.1										
11.11 ^{M7}	7/16	2.4	12.5										
12.69 ^{H7}	1/2	4.75	14.6										
12.7 ^{+0.03}	1/2	3.17	14.3	●	●								
13.45 ^{H7}	17/32	3.17	14.9										
14.29 ^{+0.03}	9/16	3.17	15.6										
15.87 ^{+0.03}	5/8	3.17	17.5										
15.88 ^{+0.03}	5/8	4.00	17.7	●	●	●							
15.87 ^{+0.03}	5/8	4.75	18.1	●	●								
17.465 ^{H7}	11/16	4.75	19.6										
19.02 ^{+0.03}	3/4	3.17	20.7										
19.05 ^{+0.03}	3/4	4.78	21.3	●	●	●							
22.22 ^{+0.03}	7/8	4.78	24.4	●									
22.22 ^{+0.03}	7/8	4.75	24.7	●	●	●	●	●					
22.22 ^{+0.03}	7/8	6.38	25.2		●	●	●	●	●				
22.225 ^{M7}	7/8	4.76	24.7		●								
23.80 ^{+0.03}	15/16	6.35	26.8										
25.38 ^{+0.03}	1	6.37	28.3		●	●	●	●					
25.40 ^{+0.03}	1	4.78	27.8										
25.40 ^{+0.03}	1	6.35	28.7			●							
26.95 ^{+0.03}	1 1/16	4.78	29.3										
28.575 ^{M7}	1 1/8	6.35	31.7		●	●							
28.58 ^{+0.03}	1 1/8	6.35	31.5			●							
28.58 ^{+0.03}	1 1/8	7.93	32.1										
31.75 ^{+0.03}	1 1/4	6.35	34.6										
31.75 ^{K7}	1 1/4	7.93	35.5			●	●	●	●	●	●		
34.925 ^{M7}	1 3/8	7.93	38.7			●							
34.93 ^{M7}	1 3/8	9.55	37.8										
36.50 ^{+0.03}	1 7/16	9.55	40.9										
38.07 ^{+0.03}	1 1/2	7.93	42.0										
38.07 ^{+0.03}	1 1/2	9.55	42.5		●	●	●	●	●	●	●		
41.275 ^{M7}	1 5/8	9.55	45.8			●	●						
44.42 ^{+0.03}	1 3/4	9.55	48.8										
44.45 ^{K7}	1 3/4	11.11	49.4						●	●			
47.625 ^{M7}	1 7/8	12.7	53.5					●					
49.20 ^{+0.03}	1 15/16	12.7	55.0										
50.77 ^{+0.03}	2	12.7	56.4										
50.80 ^{+0.03}	2	12.7	55.1										
53.975 ^{M7}	2 1/8	12.7	60.0										
57.10 ^{+0.03}	2 1/4	12.7	62.9										
60.325 ^{M7}	2 3/8	15.875	67.6										
85.725 ^{M7}	3 3/8	22.225	95.8										
92.075 ^{M7}	3 5/8	22.225	101.9										

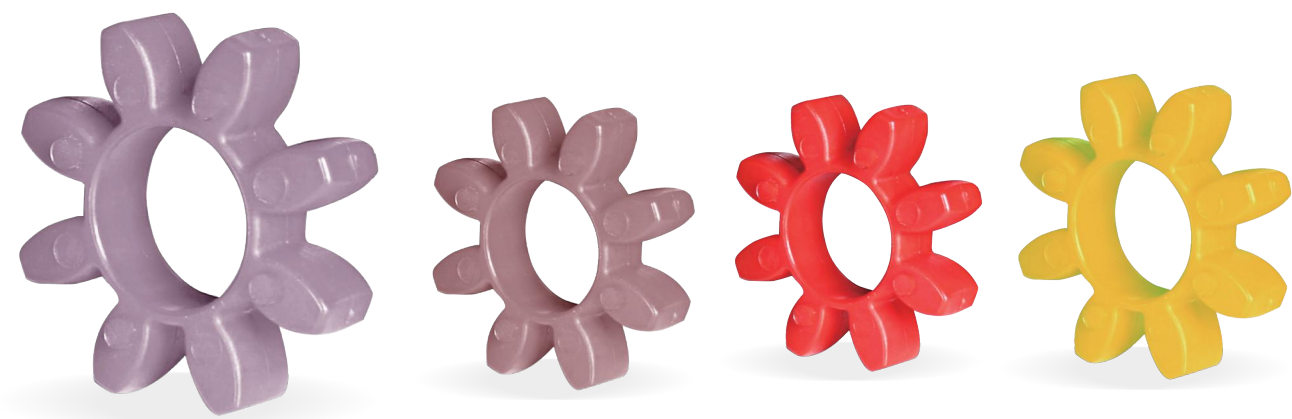


Natural Polyurethane Elastomer

Product description

The elastic coupling has small structural size, light weight and high transmission moment, which can effectively improve the running quality and stability of the machine. The coupling buffers the vibration during transmission and absorbs the impact caused by the uneven operation of the power machine.

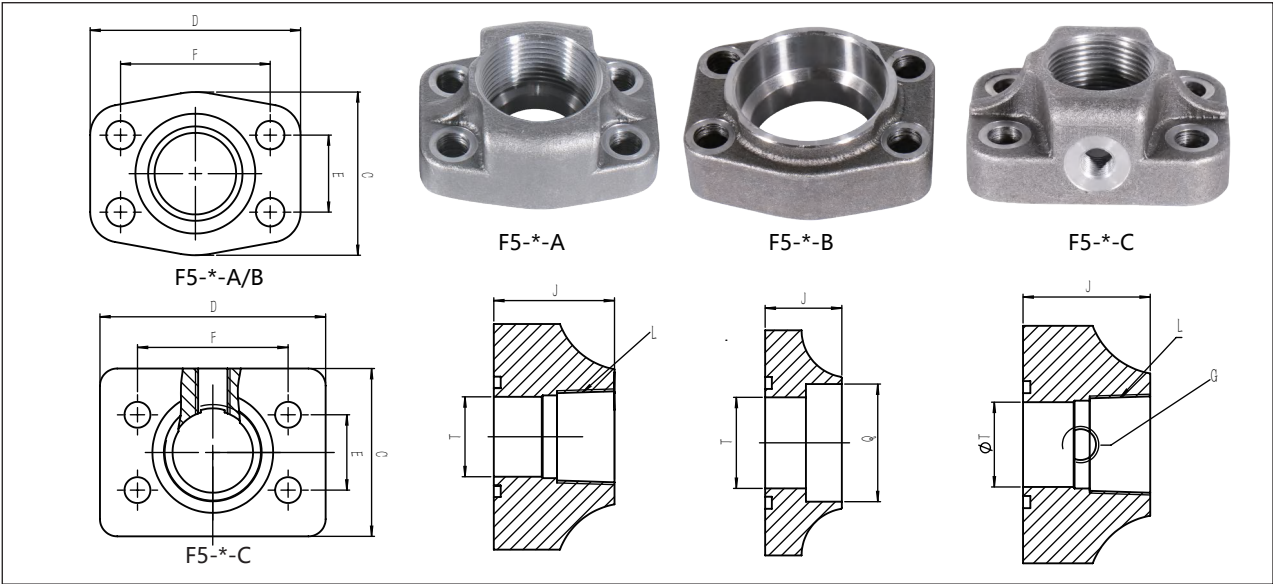
Features: The elastic body in the middle of the general elastic coupling bears bending force and pressure and is easy to wear, while the elastic body of the coupling is only under pressure, so it can bear a greater load. The maximum torsion angle of any coupling is 5°. It can be installed horizontally or vertically. It has the characteristics of good wear resistance, hardness range, high strength and high elongation, large load support capacity, good shock absorption effect, excellent oil resistance, high wear resistance and impact resistance.



Type parameter list

Elastomer Hardness	Color Code	Material	Allowable Temperature Range (°C)		Supply Spec.	Application
			Continuous	Momentary		
92shA	Yellow	PUR	-40~+90	-50~+120	Gr.14~180	General mechanical transmission and hydraulic equipment transmission
96shD-F	Beige	PUR	-30~+110	-30~+130	Gr.14~180	Engine high temperature environment, high temperature environment resistance to hydrolysis critical speed offset
95/98shA	Red	PUR	-30~+90	-40~+120	Gr.14~180	High load transmission
95/98shA	Purple	PUR	-30~+100	-40~+130	Gr.14~180	High temperature and high load transmission

Oil port flange



Model NO	Size								Hexagon socket screw	
	C	D	E	F	T	Q	L	J		
F5-04-A	40	55	17.5	38.1	16	22.2	RC½	26	M8	
F5-04-B						-	-	30		
F5-04-C		66				-	RC½	38.5		
F5-06-A	48	65.5	22.2	47.6	19	27.7	RC¾	28	M10	
F5-06-B					-	-	30			
F5-06-C		74			-	RC¾	40			
F5-08-A	55.5	71.5	26.2	52.4	26	34.5	RC1	30		
F5-08-B					-	-	30			
F5-08-C		58.4			78.5	28	-	RC1		42
F5-10-A	63	80	30.2	58.7	32	43.2	RC1¼	32		
F5-10-B					-	-	38			
F5-10-C		58.7			83.6	28	-	RC1¼		41.5
F5-12-A	72	94	35.7	69.9	38	49.1	RC1½	38		M12
F5-12-B					-	-	38			
F5-12-C		68			99	36.5	-	RC1½		
F5-16-A	85.5	102	42.9	77.8	58.5	61.1	RC2	26.3		
F5-16-B					-	-	38			
F5-16-C		80			105	51	-	RC2	47	
F5-20-A	87	114	50.8	88.9	63	77.1	RC2½	38.5		
F5-20-B	102					-	-	48		
F5-20-C						-	RC2½	50		

Note: There are errors in manual measurement, the actual data shall prevail. flange model specifications are complete, more specifications please consult us.



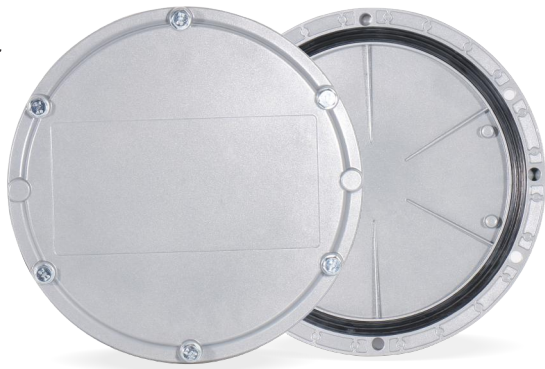
TANK CLEANING COVER (VG/YG)



Oil tank cleaning cover (VG)

Product description

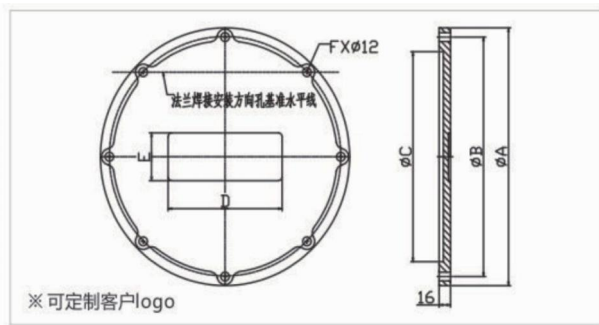
1. Oil tank cleaning side cover is mounted on either or both sides of the oil tank.
2. Removable for cleaning, facilitating the removal of impurities inside the oil tank.
3. The flange and junction are sealed with rubber gaskets, heat-resistant and leak-proof.
4. Built-in sealing rings can be used for direct side sealing of the oil tank.



Product characteristics

- The cleaning cover is corrosion-resistant to HFC medium.
- Material: Aluminum
- Maximum tightening torque for all cleaning cover installation screws is 10Nm.

Product size drawing



Type parameter list

Model NO	A	B	C	D	E	F	Welding flange thickness
VG250F	250	225	175	160	70	6	17
VG300F	300	275	225	210	120	6	17
VG350F	350	325	275	260	130	6	17
VG475F	475	449	395	278	158	8	17
VG560F	560	530	480	300	200	12	17

Order description

Model NO	Outer diameter	With welding flange, sealing O-rings
VG Oil tank cleaning cover	300	F

Oil tank cleaning cover (YG)

Product description

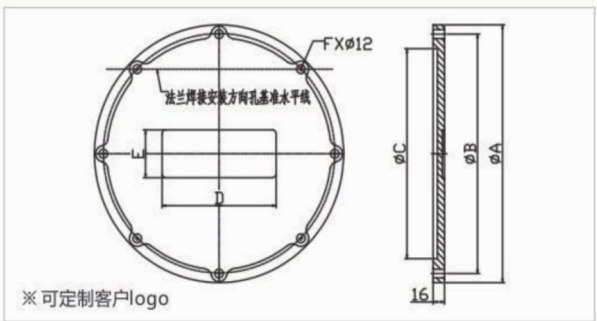
1. Oil tank cleaning side cover is mounted on either or both sides of the oil tank.
2. Removable for cleaning, facilitating the removal of impurities inside the oil tank.
3. The flange and junction are sealed with rubber gaskets, heat-resistant and leak-proof.



Product characteristics

- The cleaning cover is corrosion-resistant to HFC medium.
- Material: Aluminum
- Maximum tightening torque for all cleaning cover installation screws is 10Nm.

Product size drawing



Type parameter list

Model NO	A	B	C	D	E	F	Welding flange thickness
YG250F	250	225	180	115	45	6	17
YG300F	300	275	230	120	50	6	17
YG350F	350	325	280	155	65	8	17
YG400F	400	375	330	155	65	8	17
YG450F	450	425	380	195	80	10	17
YG500F	500	475	430	240	95	12	17

Order description

Model NO	Outer diameter	With welding flange, sealing O-rings
YG Oil tank cleaning cover	300	F