



Bent Axis Pumps Bent Axis Motors Piston Pumps



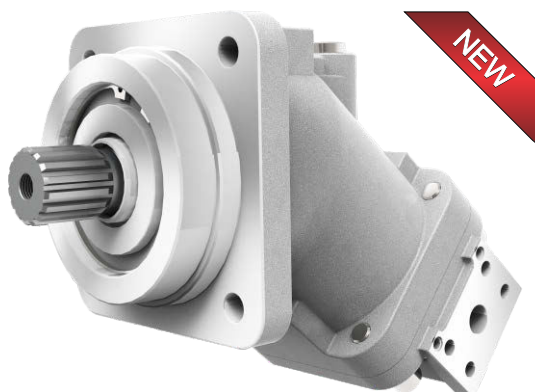
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Bent Axis Piston Pump - DIN

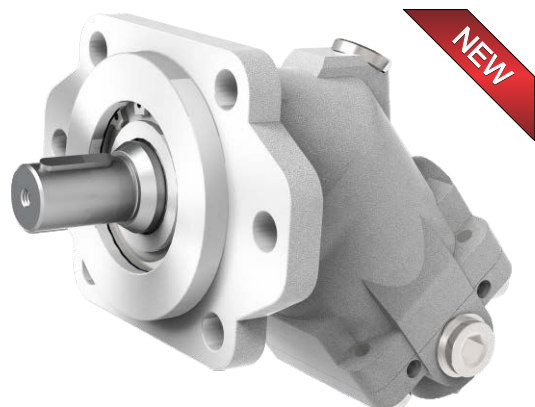
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Bent Axis Piston Pump - ISO



2PE 2 BOLT Mounting Flange 	2PE 4 BOLT Mounting Flange 	2PE 6 BOLT Mounting Flange 
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Bent Axis Piston Pump - SAE



G2PM

Bent Axis Piston Motor - DIN



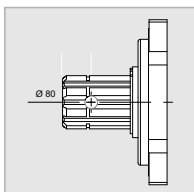
		10	12	18	25	32	40	50	56	63	80	108
Displacement	cc	10,00	12,00	18,00	25,00	32,00	40,20	50,00	56,40	63,00	80,00	108,4
Theoretical oil flow l/min at pump speed	1000 rpm	10,00	12,00	18,00	25,00	32,00	40,20	50,00	56,40	63,00	80,00	108,4
	1500 rpm	15,00	18,00	27,00	37,50	48,00	60,30	75,00	84,60	94,50	120,0	162,6

Maximum Speed												
- Continuous	rpm	8000	8000	8000	6250	6250	5600	5000	5000	5000	4400	4000
- Intermittent	rpm	8800	8800	8800	6800	6800	6300	5500	5500	5500	4900	4400
Max. Continuous Pressure	bar	400	400	400	400	400	400	400	400	400	400	400
Max. Peak Pressure	bar	450	450	450	450	450	450	450	450	450	450	450
Torque bar	m.N/bar	0.17	0.18	0.28	0.40	0.51	0.65	0.80	0.92	1.00	1.28	1.69
Torque at 350 bar	m.N	64	66	98	140	174	228	280	320	350	440	600

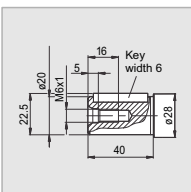
Weight												
- Without accessories	kg	9,00	9,00	10,00	10,00	11,00	11,00	11,00	12,00	12,00	15,00	16,00
- With accessories	kg	9,50	9,50	10,50	10,50	11,50	11,50	11,50	12,50	12,50	15,50	16,50

Motor Temperature												
- Minimum	°C	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
- Maximum	°C	110	110	110	110	110	110	110	110	110	110	110

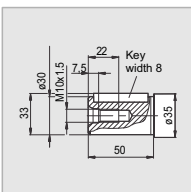
Splined Shaft
8x32x36
DIN ISO 14 NF



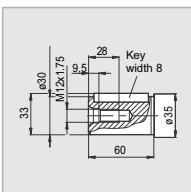
Parallel Keyed Shaft
6x6x32
DIN 6885



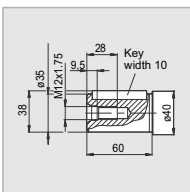
Parallel Keyed Shaft
8x7x40
DIN 6885



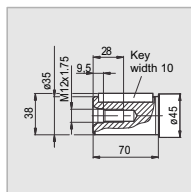
Parallel Keyed Shaft
8x7x50
DIN 6885



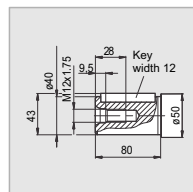
Parallel Keyed Shaft
10x8x50
DIN 6885



Parallel Keyed Shaft
10x8x56
DIN 6885



Parallel Keyed Shaft
10x8x56
DIN 6885



G2M

Bent Axis Piston Motor - ISO



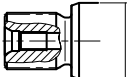
		10	12	18	25	32	40	50	56	63	80	108
Displacement	cc	10,00	12,00	18,00	25,00	32,00	40,20	50,00	56,40	63,00	80,00	108,4
Theoretical oil flow l/min at pump speed	1000 rpm	10,00	12,00	18,00	25,00	32,00	40,20	50,00	56,40	63,00	80,00	108,4
	1500 rpm	15,00	18,00	27,00	37,50	48,00	60,30	75,00	84,60	94,50	120,0	162,6

Maximum Speed												
- Continuous	rpm	8000	8000	8000	6250	6250	5600	5000	5000	5000	4400	4000
- Intermittent	rpm	8800	8800	8800	6800	6800	6300	5500	5500	5500	4900	4400
Max. Continuous Pressure	bar	400	400	400	400	400	400	400	400	400	400	400
Max. Peak Pressure	bar	450	450	450	450	450	450	450	450	450	450	450
Torque bar	m.N/bar	0.17	0.18	0.28	0.40	0.51	0.65	0.80	0.92	1.00	1.28	1.69
Torque at 350 bar	m.N	64	66	98	140	174	228	280	320	350	440	600
Max. Flow	l/mn.	80	96	144	156	200	225	250	282	315	352	433

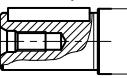
Weight												
- Without accessories	kg	6,00	6,00	6,00	11,50	11,50	11,50	17,50	18,00	18,00	22,00	22,50
- With accessories	kg	6,20	6,20	6,20	11,80	11,90	11,90	18,00	18,50	18,50	22,50	23,00

Motor Temperature												
- Minimum	°C	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
- Maximum	°C	110	110	110	110	110	110	110	110	110	110	110

Splined Shaft



Parallel Keyed Shaft



Special Shaft Drive

35x7x2x9g GOST 6033-80
35x7x2x9g GOST 6033
1 3/8' 21T 16/32DP ANSI B92
1 1/2' 23T 16/32DP ANSI B92
40x7x2x9g GOST6033
45x8x2x9g GOST 6033-80

Splined shaft DIN 5480

W45x2x21x9g
W40x2x18x9g
W35x2x16x9g
W30x2x14x9g
W25x1.25x18x9g
W20x1.25x14x9g

Parallel keyed shaft

DIN 6885, AS14x9x63
DIN 6885, AS12x8x63
DIN 6885, AS12x8x56
DIN 6885, AS10x8x56
DIN 6885, AS10x8x50
DIN 6885, AS8x7x50
DIN 6885, AS8x7x40
DIN 6885, AS8x7x32
DIN 6885, AS6x6x32

G2EM

Bent Axis Piston Motor - SAE



		10	12	18	25	32	40	50	56	63	80	108
Displacement	cc	10,00	12,00	18,00	25,00	32,00	40,20	50,00	56,40	63,00	80,00	108,4
Theoretical oil flow l/min at pump speed	1000 rpm	10,00	12,00	18,00	25,00	32,00	40,20	50,00	56,40	63,00	80,00	108,4
	1500 rpm	15,00	18,00	27,00	37,50	48,00	60,30	75,00	84,60	94,50	120,0	162,6

Maximum Speed	- Continuous	rpm	8000	8000	8000	6250	6250	5600	5000	5000	5000	4400	4000
	- Intermittent	rpm	8800	8800	8800	6800	6800	6300	5500	5500	5500	4900	4400
Max. Continuous Pressure	bar	400	400	400	400	400	400	400	400	400	400	400	400
Max. Peak Pressure	bar	450	450	450	450	450	450	450	450	450	450	450	450
Torque bar	m.N/bar	0.17	0.18	0.28	0.40	0.51	0.65	0.80	0.92	1.00	1.28	1.69	
Torque at 350 bar	m.N	64	66	98	140	174	228	280	320	350	440	600	
Max. Flow	l/mn.	80	96	144	156	200	225	250	282	315	352	433	

Weight	- Without accessories	kg	6,50	6,50	6,50	11,50	11,50	11,50	17,50	18,00	18,00	22,00	22,50
	- With accessories	kg	7,00	7,00	7,00	11,80	11,90	11,90	18,00	18,50	18,50	22,50	23,00

Motor Temperature	- Minimum	°C	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
	- Maximum	°C	110	110	110	110	110	110	110	110	110	110	110

2PEM 2 BOLT
Mounting
Flange



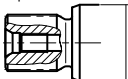
2PEM 4 BOLT
Mounting
Flange



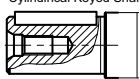
2PEM 6 BOLT
Mounting
Flange



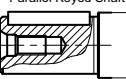
Splined Shaft



Cylindrical Keyed Shaft



Parallel Keyed Shaft



Splined Shaft

13T 16/32DP 7/8"
14T 12/24DP 1 1/4"
17T 12/24DP 1 1/2"
21T 16/32DP 1 3/8"

Cylindrical Keyed Shaft

Ø 1"
Ø 1 1/2"
Ø 1 1/4"

Parallel keyed shaft

DIN 6885, As6x6x32

G2MS

Bent Axis Piston Motor Fixed Plug-in

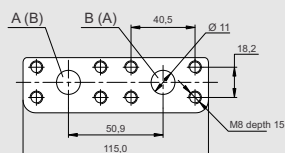


		25	32	40	50	56	63	80	108
Displacement	cc	25,00	32,00	40,20	50,00	56,40	63,00	80,00	108,4
Theoretical oil flow l/min at pump speed	1000 rpm	25,00	32,00	40,20	50,00	56,40	63,00	80,00	108,4
	1500 rpm	37,50	48,00	60,30	75,00	84,60	94,50	120,0	162,6

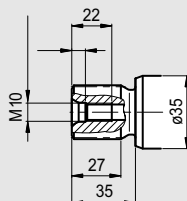
Maximum Speed	- Continuous	rpm	6250	6250	5600	5000	5000	5000	4400	4000
	- Intermittent	rpm	6800	6800	6300	5500	5500	5500	4900	4400
Max. Continuous Pressure	bar	400	400	400	400	400	400	400	400	400
Max. Peak Pressure	bar	450	450	450	450	450	450	450	450	450
Torque bar	m.N/bar	0.40	0.51	0.65	0.80	0.92	1.00	1.28	1.69	
Torque at 350 bar	m.N	140	174	228	280	320	350	440	600	
Max. Flow	l/mn.	156	200	225	250	282	315	352	433	

Weight	- Without accessories	kg	12,00	12,00	12,00	18,50	18,50	18,50	25,50	25,50
	- With accessories	kg	12,50	12,50	12,50	19,00	19,00	19,00	26,00	26,00

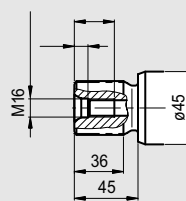
Motor Temperature	- Minimum	°C	-25	-25	-25	-25	-25	-25	-25	-25
	- Maximum	°C	110	110	110	110	110	110	110	110



Splined shaft DIN 5480
W30x2x14x9g



Splined shaft DIN 5480
W40x2x18x9g

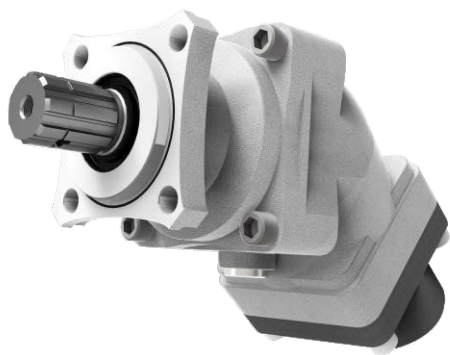


Special Shaft Drive

35x7x2x9g GOCT6033
A8x7x50 DIN6885
A10x5x50 DIN6885
45xh8x2x9g GOCT6033
A12x8x63 DIN6885
A14x9x63 DIN6885

G1PA

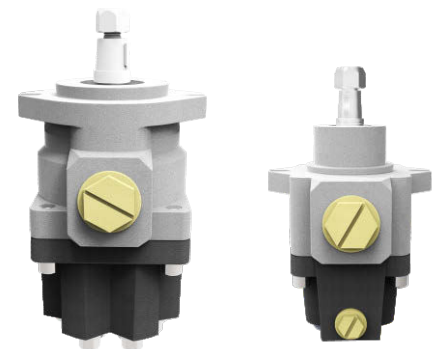
Bent Axis Piston Pump



		17	25	35	45	55	65	85	105
Displacement	cc	17,00	25,40	35,20	45,40	55,00	65,20	85,00	105,4
Theoretical oil flow l/min at pump speed	1000 rpm	17,00	25,40	35,20	45,40	55,00	65,20	85,00	105,4
	1500 rpm	25,50	38,10	52,80	68,10	82,50	97,80	127,5	158,1
Maximum Pump Speed									
- Continuous	rpm	2300	2300	2300	2000	1900	1900	1500	1500
- Limited	rpm	3000	2900	2900	2500	2500	2500	2000	2000
Max. Continuous Pressure	bar	350	350	350	350	350	350	350	350
Max. Intermit. Peak Pressure	bar	400	400	400	400	400	400	400	400
Weight									
- Without inlet fitting	kg	8,00	9,00	13,00	14,00	15,00	15,00	17,50	18,00
- With inlet fitting	kg	8,35	9,35	13,40	14,40	15,40	15,40	17,90	18,50
Rotation		CW,CCW	CW,CCW	CW,CCW	CW,CCW	CW,CCW	CW,CCW	CW,CCW	CW,CCW
Fluid		Mineral Based Hydraulic Oils							
Inlet		R1 ¼"	R1 ¼"	R1 ¼"	R1 ¼"	R1 ¼"	R1 ¼"	R1 ½"	R1 ½"
Outlet		R ¾"	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"	R 1"	R 1"

GPH

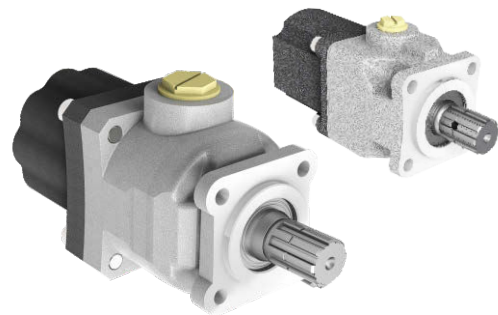
High Pressure Piston Pump



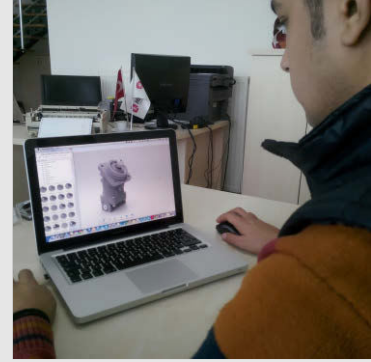
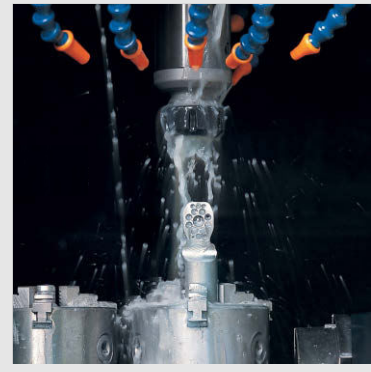
		02	04	06	12	15	22	35	45
Displacement	cc	1,56	2,70	4,40	7,80	10,50	14,73	23,70	30,40
Theoretical oil flow l/min at pump speed	1000 rpm	1,56	2,70	4,40	7,80	10,50	14,73	23,70	30,40
	1500 rpm	2,34	4,05	6,60	11,70	15,75	22,09	35,55	45,60
Maximum Pump Speed									
- Continuous	rpm	3000	3000	3000	2800	2800	2800	2500	2400
- Limited	rpm	3500	3500	3500	3000	3000	3000	2800	2700
Max. Continuous Pressure	bar	600	600	600	450	400	400	400	400
Max. Peak Pressure	bar	700	700	700	500	500	500	500	500
Weight									
- Without inlet fitting	kg	5,50	5,50	5,50	8,00	8,00	8,00	12,00	12,00
- With inlet fitting	kg	5,60	5,60	5,60	8,15	8,15	8,15	12,25	12,25
Fluid		Mineral Based Hydraulic Oils							
Inlet		G 1"	G 1"	G 1"	G 1"	G 1"	G 1"	47,8mm	47,8mm
Outlet		G ¼"	G ¼"	G ¼"	G ¼"	G ¼"	G ¼"	26,4mm	26,4mm

GPA

Axial Piston Pump



		45	55	80	90
Displacement	cc	46,70	54,60	84,50	92,20
Theoretical oil flow l/min at pump speed	1000 rpm	46,70	54,60	84,50	92,20
	1500 rpm	70,05	81,90	126,7	138,3
Maximum Pump Speed					
- Continuous	rpm	1800	1800	1500	1500
- Limited	rpm	2400	2400	2000	2000
Max. Continuous Pressure	bar	330	330	300	300
Max. Intermittent Pressure	bar	360	360	350	350
Max. Peak Pressure	bar	500	500	450	450
Weight					
- Without inlet fitting	kg	14,70	15,00	19,50	19,70
- With inlet fitting	kg	15,10	15,40	19,90	21,10
Rotation		Bi-Directional			
Fluid		Mineral Based Hydraulic Oils			
Inlet		R1 ¼"	R1 ¼"	R1 ¼"	R1 ¼"
Outlet		1 1/16 UNF	1 1/16 UNF	R 1"	R 1"



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 *Pumps, Motors, Hydraulic Components...*

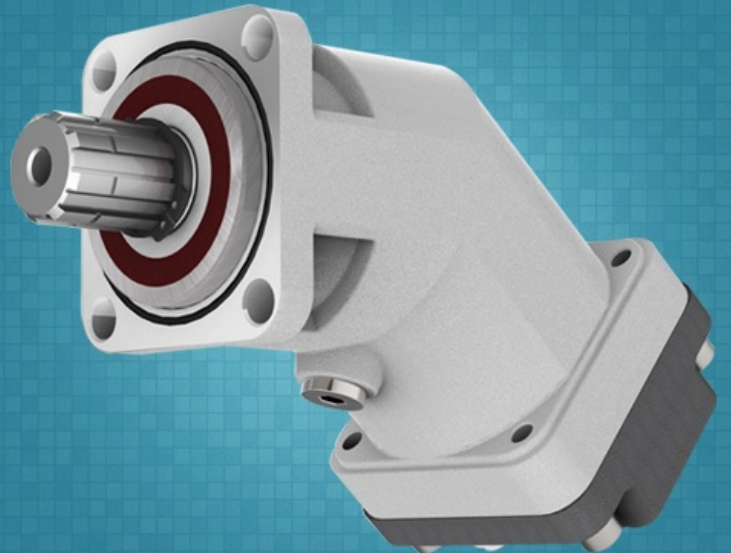


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G2PA

Bent Axis Piston Pumps

- Compact Design,
- Economical Conception,
- High Rotating Speeds,
- High Output Pressure.



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