

# NACHI



## INTERNAL GEAR PUMP

A patented axial and radial pressure loading system provides high efficiency and generates pressures up to 300 bar



# IPH Series Metric-shaft Pump

- A patented axial and radial pressure loading system provides high efficiency and generates pressures up to 300 bar
- A modified involute short tooth gear enables internal gearing for greatly reduced pulsation and noise, and exceptionally quiet operation.
- Compact, light and less components
- Impervious design for a long lifetime
- Minimum on internal leakage brings very high efficiency
- Elastic bearings allows a movement that expand the life time and reduce wearout.
- Unique plain bearing support mechanism (easy maintenance)

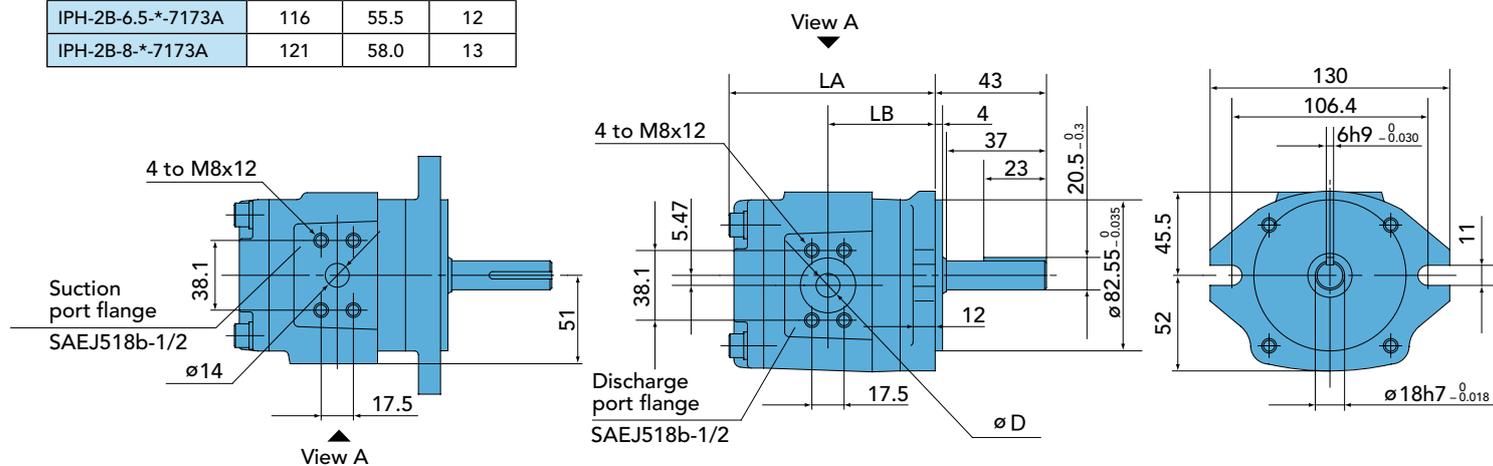


3.6 to 125.9 cm<sup>3</sup>/rev

300 bar

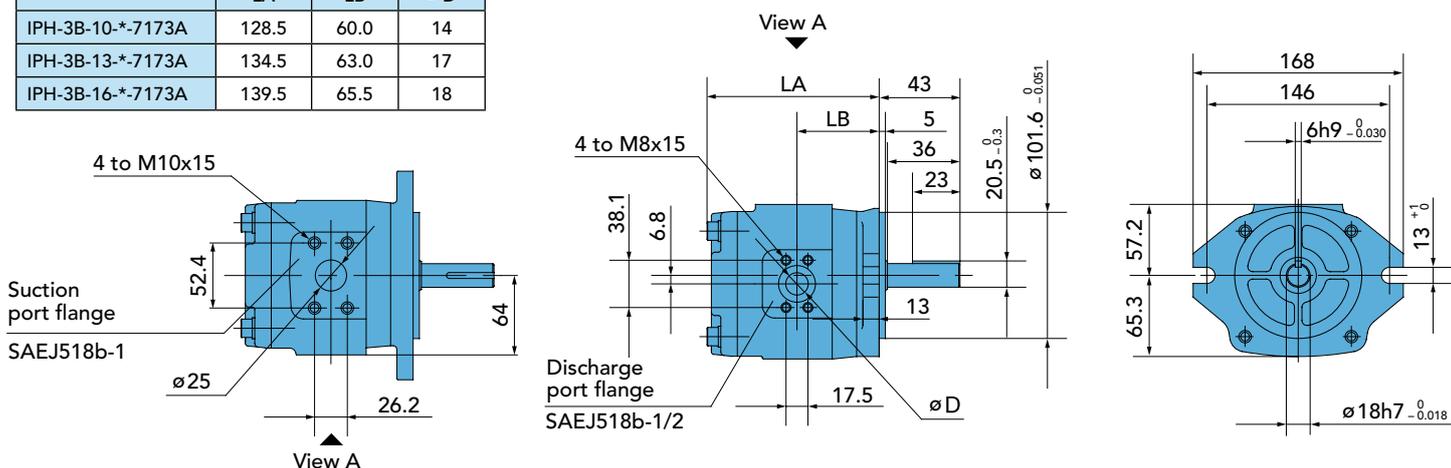
## ▶ IPH-2B-\*-7173A (Flange Mounting, Clockwise Rotation)

Model No.	Dimensions (mm)		
	LA	LB	∅ D
IPH-2B-3.5-*-7173A	107	51.0	8.9
IPH-2B-5-*-7173A	112	53.5	11
IPH-2B-6.5-*-7173A	116	55.5	12
IPH-2B-8-*-7173A	121	58.0	13



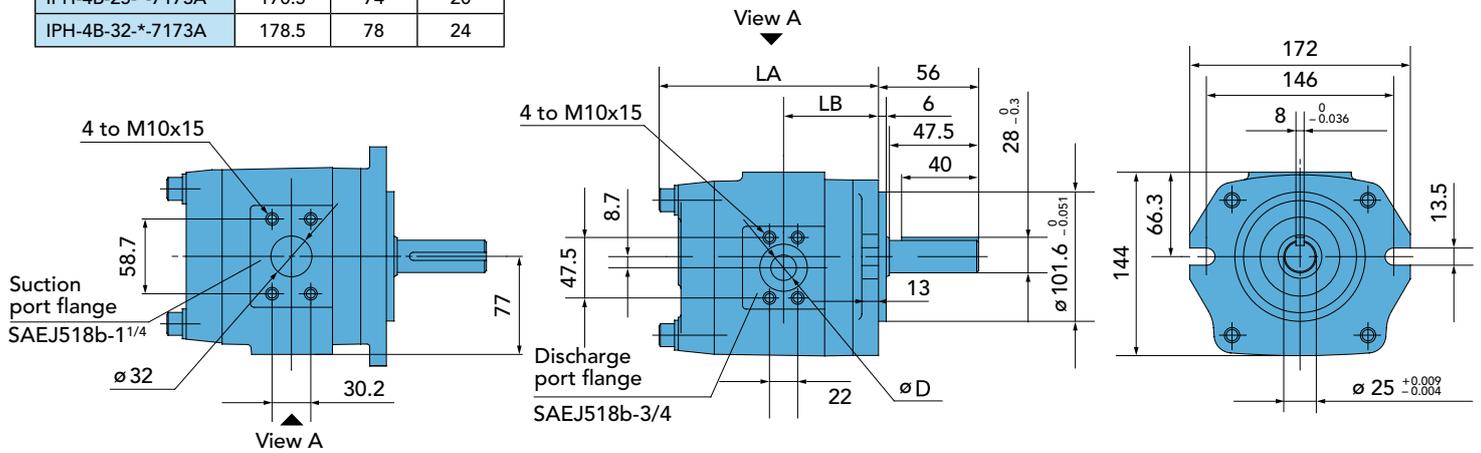
## ▶ IPH-3B-\*-7173A (Flange Mounting, Clockwise Rotation)

Model No.	Dimensions (mm)		
	LA	LB	∅ D
IPH-3B-10-*-7173A	128.5	60.0	14
IPH-3B-13-*-7173A	134.5	63.0	17
IPH-3B-16-*-7173A	139.5	65.5	18



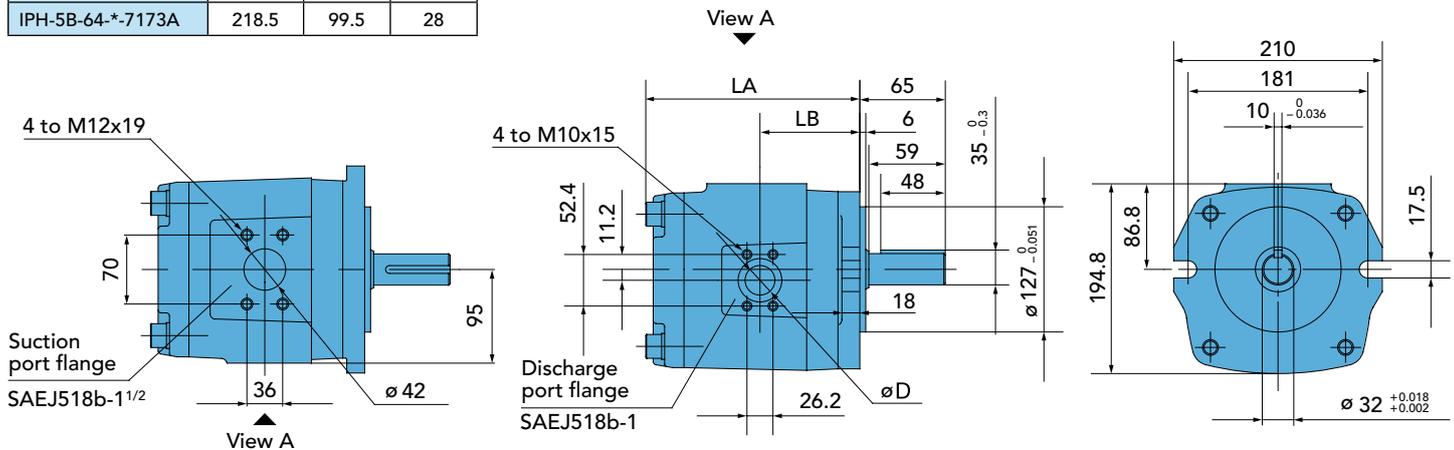
## ▶ IPH-4B-\*-7173A (Flange Mounting, Clockwise Rotation)

Model No.	Dimensions (mm)		
	LA	LB	∅ D
IPH-4B-20-*-7173A	164.5	71	18
IPH-4B-25-*-7173A	170.5	74	20
IPH-4B-32-*-7173A	178.5	78	24



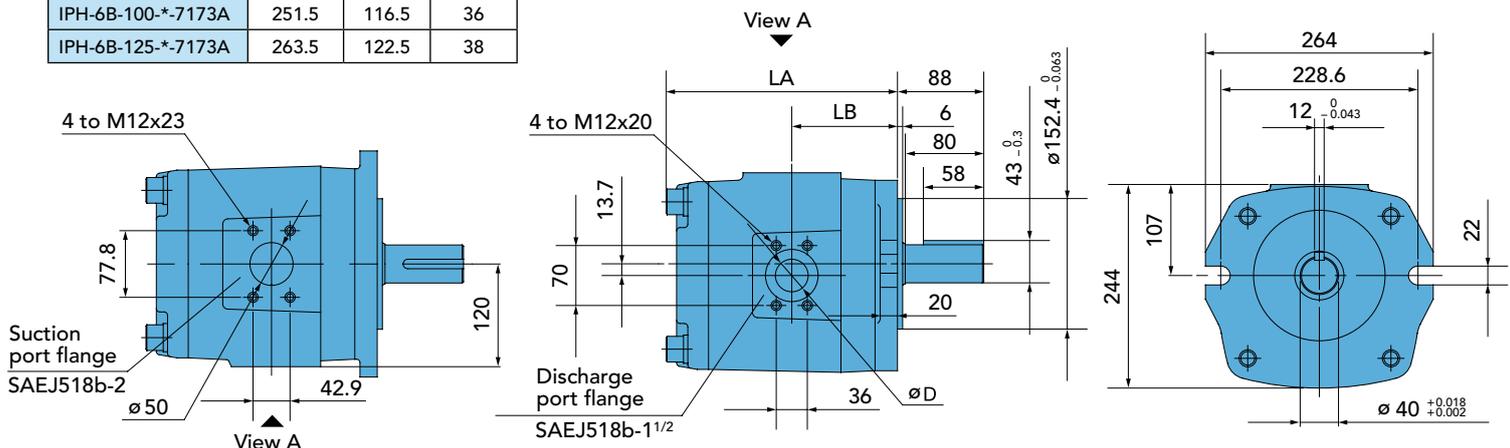
## ▶ IPH-5B-\*-7173A (Flange Mounting, Clockwise Rotation)

Model No.	Dimensions (mm)		
	LA	LB	∅ D
IPH-5B-40-*-7173A	201.5	91.0	24
IPH-5B-50-*-7173A	208.5	94.5	26
IPH-5B-64-*-7173A	218.5	99.5	28



## ▶ IPH-6B-\*-7173A (Flange Mounting, Clockwise Rotation)

Model No.	Dimensions (mm)		
	LA	LB	∅ D
IPH-6B-80-*-7173A	241.5	111.5	32
IPH-6B-100-*-7173A	251.5	116.5	36
IPH-6B-125-*-7173A	263.5	122.5	38



Note: Please ask for original drawing for your designwork

# IPH Internal gear pump

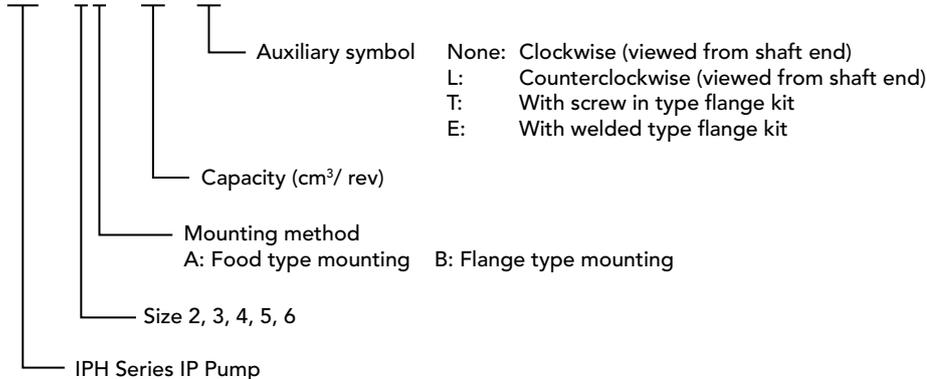
## ► Specifications

Model No.	Capacity		Rated Pressure bar	Maximum Operating Pressure bar	Minimum Revolution Speed min <sup>-1</sup>	Maximum Revolution Speed min <sup>-1</sup>	Weight kg	
	cm <sup>3</sup> /rev						Type A	Type B
IPH-2A(B)-	3.5-	-7173A	250	300	600	2000	4.4	2.4
	5						4.5	2.5
	6.5						4.6	2.6
	8						4.8	2.8
IPH-3A(B)-	10-	-7173A	250	300	600	2000	10.5	4.8
	13						10.7	5.0
	16						11.0	5.3
IPH-4A(B)-	20-	-7173A	250	300	500	2000	15.2	9.5
	25						15.7	10.0
	32						16.2	10.5
IPH-5A(B)-	40-21	-7173A	250	300	400	2000	32.0	19.0
	50						33.0	20.0
	64						34.0	21.0
IPH-6A(B)-	80-21	-7173A	250	300	300	2000	62.0	39.0
	100						64.0	41.0
	125						66.0	43.0

See further detailed information on our main catalogue chapter C

## ► Understanding Model Numbers

IPH - 4 B - 25 - LT - 7173 A



**Note:**  
Please ask for original drawing for your designwork

# NACHI

Your local NACHI partner



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