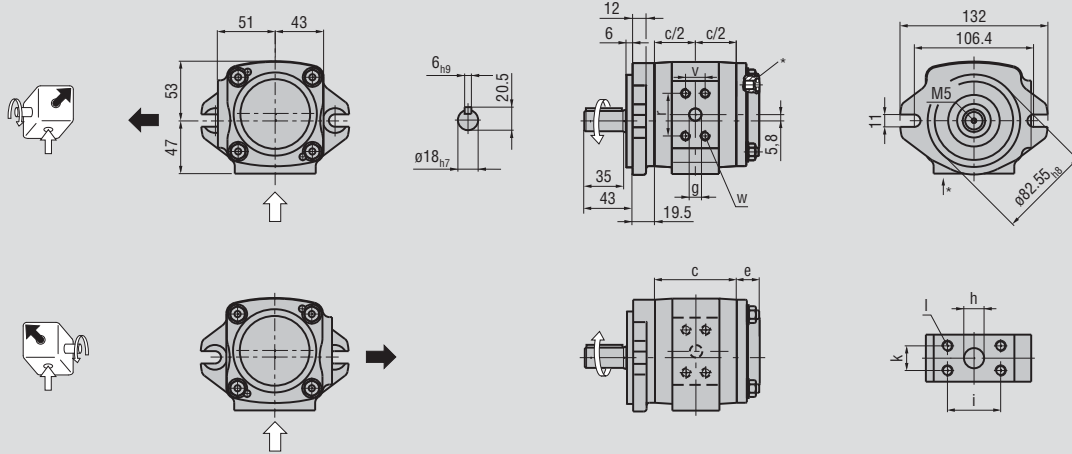


# IPV 3

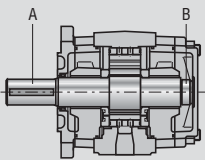
## Standard Design

### Design and dimensions

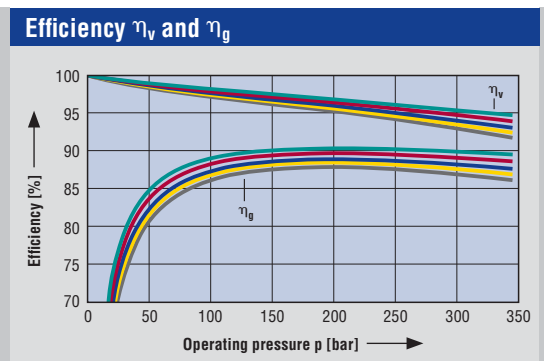
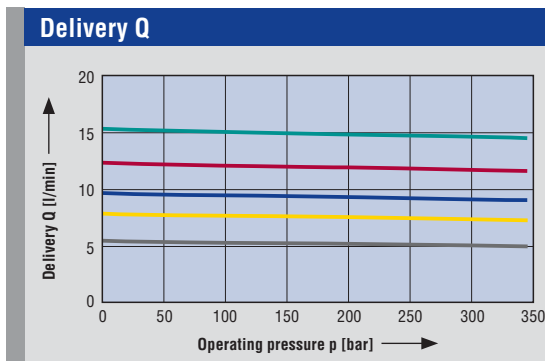



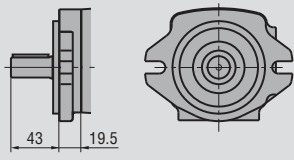
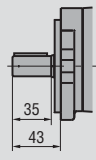

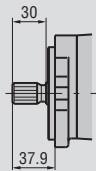
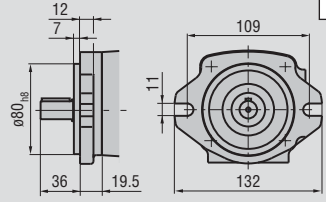
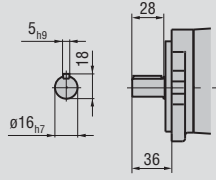
\* Ensure the M10x1 plug screw, hexagon socket SW5, is tightened to a torque of 10 Nm during pumping operation. Dependent on the pump position, filling or ventilation is possible here prior to commissioning.

Design	Dimensions											SAE flange no.	
	c	e	g	h	i	k	l	r	v	w	Weight	▲	▼
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	Thread	[mm]	[mm]	Thread	[kg]		
IPV 3 – 3.5	66	20.5	9	14	38.1	15.5	M8x13	38.1	17.5	M8x13	4.0	10	10
IPV 3 – 5	70	20.5	11	14	38.1	17.5	M8x13	38.1	17.5	M8x13	4.2	10	10
IPV 3 – 6.3	73	20.5	11	19	47.5	22	M10x15	38.1	17.5	M8x13	4.4	10	11
IPV 3 – 8	77.5	20.5	13	19	47.5	22	M10x15	38.1	17.5	M8x13	4.6	10	11
IPV 3 – 10	82.5	20.5	13	21	52.4	26.2	M10x15	38.1	17.5	M8x13	4.8	10	12



**Allowed input torques:**  
 Input shaft A: 160 Nm  
 Secondary shaft B: 80 Nm

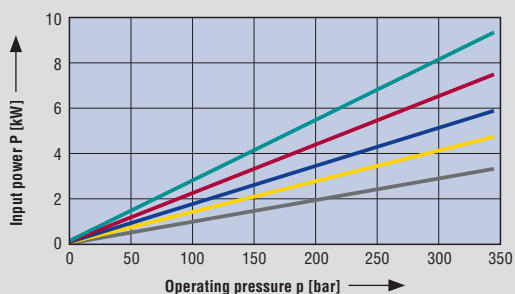


Type	Pump sizes	Rotation, suction connection	Mounting flange	Shaft end	
IPV 3	3.5	Standard			
		Clockwise rotation, radial suction port	SAE 2-hole flange, dimensions on left	Parallel shaft with keyway connection, dimensions on left	
	5		1	0	1
					
	6.3	8	Variants		
			Anti-clockwise rotation, radial suction port		Involute gearing with SAE 2-hole flange
10			6		0
					ANSI B92.1a 16/32 DP 30° 
			4	1	
			VDMA 2-hole flange 		

Designation according to type code

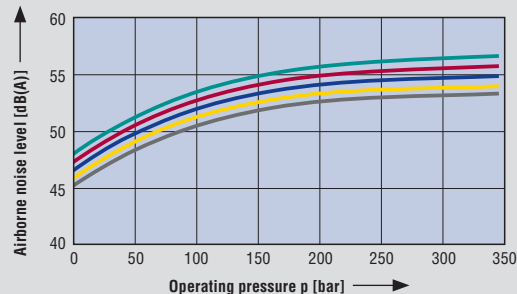
Type code/order designation, see page 17

### Input power P



### Airborne noise level



Measuring location 1 m axial



### Measurement conditions

Speed: 1.500 rpm  
Viscosity of pressure fluid: 46 mm<sup>2</sup>s<sup>-1</sup>  
Operating temperature: 40 °C

#### Characteristic curves:

-  IPV 3 – 3.5
-  IPV 3 – 5
-  IPV 3 – 6.3
-  IPV 3 – 8
-  IPV 3 – 10

**Note:** Measurement taken in a low-noise room.  
In a anechoic room, the measurements are approx. 5 dB(A) lower.