ProVac® Standard Vacuum-Valves

With *TYPHOON* Runnerplates

- 🇨🇭 Piloted by liquid metal, most secure and fast closing owing to geniously smart lever-mechanism

- ➤ *TYPHOON* Runnerplate for longer flowing distance of the liquid metal and improved valve-closing-security

- ➤ Less pression on the pistons

- ➤ Robust and reliable for years

- ➤ Exchangeable bushes for the pistons

- ➤ Easy handling and maintenance

- ➤ For Die-Casting Machines of 600-25'000 kN

Various valve-sizes for "tailor-made" applications

300   1000/2000   PLUS 2000   PLUS 3000

ProVac® Standard Vacuum Valves
Technical Data

ProVac® Vacuum Valves are suitable for either Hot-Chamber or Cold-Chamber Die Casting Machines		Standard **150**
For die casting machines with locking force of	approx.	200 … 800 kN
For total parts of net weight per die (trimmed)	approx. in Zn	0.05 … 1,3 kg
	approx. in Al	0,05 … 0,5 kg
For dies with several core slides	approx. in Al	
Dimensions of valves on fixed die	in mm	H 90 W 63,4 D 63,4
Dimensions of valves on movable die	in mm	G 89 W 63,4 D 63,4

ProVac® Vacuum Valves are suitable for either Hot-Chamber or Cold-Chamber Die Casting Machines		Standard **300**	Standard **1000**
For die casting machines with locking force of	approx.	600 … 4'000 kN	2'000 … 8'000 kN
For total parts of net weight per die (trimmed)	approx. in Zn	0,1 … 2 kg	
	approx. in Al	0,1 … 0.8 kg	0,5 … 4 kg
For dies with several core slides	approx. in Al		0,5 … 2,5 kg
Dimensions of valves on fixed die	in mm	H 100, W 85, D 70	H 135, W 130, D 100
Dimensions of valves on movable die	in mm	H 99, W 85, D 65	H134, W 130, D 80
		(or min. D 30)	(or min. D 40)

ProVac® Vacuum Valves are suitable for either Hot-Chamber or Cold-Chamber Die Casting Machines		Standard **1000 M**	Standard **COMPACT**
For die casting machines with locking force of	approx.	2'000 … 8'000 kN	2'000 … 8'000 kN
For total parts of net weight per die (trimmed)	approx. in Zn	0,5 … 4 kg	0,5 … 4 kg
	approx. in Mg	0,5 … 2.5 kg	0,5 … 2.5 kg
Dimensions of valves on fixed die	in mm	H 127, W 100, D 88.9	H 127, W 100, D 88.9
Dimensions of valves on movable die	in mm	**Not needed**	H 126, W 100, D 88.9

		Standard PLUS **2000**	Standard/Standard PLUS **3000**
For die casting machines with locking force of	approx.	6'000 … 20'000 kN	8'000 … 25'000 kN
For total parts of net weight per die (trimmed)	approx. in Al	2 … 8 kg	3 … 18 kg
For dies with several core slides	approx. in Al	2 … 6 kg	3 … 15 kg
Dimensions of valves on fixed die	in mm	H 160, W 130, D 100	H 170, W 140, D 120
Dimensions of valves on movable die	in mm	H 159, W 130, D 80	H 169, W 140, D 100
		(or min D 40)	(or min. T 50)