

TYPE:

# PANTERA

M R

ANTI-ABRASIVE VERTICAL PUMP FOR APPLICATIONS GRAVIOUS

**FIELDS OF APPLICATION:**

Special pumps for abrasive fluids in harsh conditions such as quarries, mines and the chemical industry. Vertical axis without submerged bearings or seals, suitable for tanks or shafts. Available in two versions: body and impeller in abrasion-resistant superalloy or rubber inner shells. Coupled to the motor by means of belts and pulleys, adjustable for performance variations.

**TECHNICAL FEATURES**

**AXIS:** vertical pump with sealed chamber bearings dimensioned in such a way that the lower part of the shaft can operate cantilevered without bearings immersed in the liquid.  
**BODY:** in chrome cast iron or coated with anti-abrasive rubber.  
**IMPELLER:** open for large solids, cast chromium iron, closed type, 750-800 HB hardness or coated with abrasion-resistant rubber.

**OPTIONAL**

- Complete immersed portion (L) can be dimensioned on request.

**SECTORS**

MARBLE  
GRANITE  
AGGREGATES  
RECYCLING  
MINING

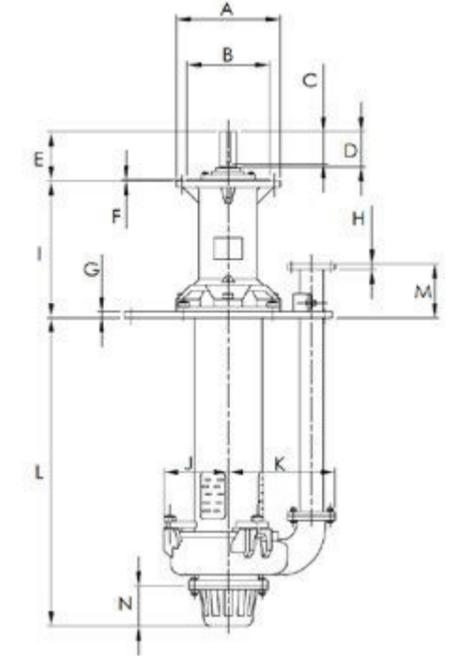
MADE IN ITALY



**OPERATING CHARACTERISTICS**

PUMPS	FLOW RATE																MOTOR*		
	m³/h	10	20	30	40	60	80	100	200	300	400	500	600	800	1000	1500		SPEED (RPM)	
PNT 40 PV/SP	l/m	167	333	500	667	1000	1334	1667	3334	5001	6668	8335	10002	13336	16670	25005		1000	1.1kW to 11kW
		5,5	4,2															1600	
		15,4	13,2	11,5	9,3													2200	
PNT 65 QV/SP		5,2	4,8	4,4	4													600	1.5kW to 45 kW
			28	27,6	26,8	24,9	22,5	20										1400	
			57,3	57	56,1	54,1	51,7	48,5										2000	
PNT 100 RV/SP				6,3	6,2	6	5,8	5,3										500	4kW to 90kW
					25,4	25,2	25	24,5	21,6									1000	
					50	49,9	49,7	49,4	46,3	40,8								1400	
PNT 150 SV/SP									9	8	6,5							500	11kW to 132kW
									23,7	22,6	20,9	18,8	16					800	
									37,3	36,2	34,4	32	29,1	26				1000	
PNT 200 SV/SP									8,8	8	7,3	6,6						400	11kW to 160kW
									22,6	21,7	20,5	19,3	18					650	
									39,2	38,1	36,9	35,5	33,9	30,5	27			850	
PNT 250 TV/SP										9,8	9,4	9	8,3	7,7				400	30kW to 200kW
										22,3	21,9	21,4	20,8	20	18,2			600	
										35,2	34,8	34	33,4	32,6	30,9	28,5		750	
PNT 300 TV/SP										7	6,7	6,4	6,1	5,8	4,9			350	15kW to 200kW
										17,8	17,2	16,8	16,4	16	15,1	13,8		550	
										28,9	28,4	27,9	27,4	26,9	25,6	24,6	20,8	700	

\*Indicative data; measurement made with water; motor sizes and may vary when working with high density sludge.



**DIMENSIONAL**

PUMPS	DIMENSIONI mm																		PESO Kg					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	S	T		U	V	W	Y	Z
PNT 40 PV/SP	Ø290	Ø230	75	85	133,5	4	16	18	374	153	285	900	130	88	DISCHARGE FLANGE 127 Ø 0.Ø - 40 I.Ø 4 HOLES Ø16 ON Ø98	N°4 - Ø18	450	500	450	500	Ø255	N°8 - Ø15	205	285
PNT 40 PV/SPR																								260
PNT 65 QV/SP	Ø362	Ø280	95	110	178	5	20	21	492	232	399	1200	227	123	DISCHARGE FLANGE 180 Ø 0.Ø - 65 I.Ø 4 HOLES Ø19 ON Ø140	N°4 - Ø18	620	680	620	680	Ø320	N°8 - Ø19	285	432
PNT 65 QV/SPR																								400
PNT 100 RV/SP	Ø500	Ø400	155	170	238	6	28	26	663	310	515	1500	265	195	DISCHARGE FLANGE 229 Ø 0.Ø - 104 I.Ø 8 HOLES Ø19 ON Ø191	N°4 - Ø22	930	1000	800	870	Ø445	N°8 - Ø23	400	867
PNT 100 RV/SPR																								800
PNT 150 SV/SP	Ø680	Ø550	200	211	300	5	20	25	878	375	665	1800	396	230	DISCHARGE FLANGE 280 Ø 0.Ø - 152 I.Ø 8 HOLES Ø22 ON Ø241	N°4 - Ø28	1030	1100	1030	1100	Ø610	N°8 - Ø27	500	1737
PNT 150 SV/SPR																								1500
PNT 200 SV/SP	Ø680	Ø550	200	211	300	10	32	32	878	439	771	1800	457	230	DISCHARGE FLANGE 343 Ø 0.Ø - 200 I.Ø 8 HOLES Ø22 ON Ø298	N°4 - Ø28	1200	1300	1100	1200	Ø610	N°8 - Ø27	600	2800
PNT 250 TV/SP	Ø860	Ø650	200	220	345	10	40	30	1338	471	903	2100	495	300	DISCHARGE FLANGE 406 Ø 0.Ø - 250 I.Ø 12 HOLES Ø25 ON Ø362	N°4 - Ø28	1650	1750	1350	1450	Ø760	N°8 - Ø39	700	3100
PNT 300 TV/SP	Ø860	Ø650	200	220	345	10	40	30	1338	583	942	2100	495	300	DISCHARGE FLANGE 483 Ø 0.Ø - 300 I.Ø 12 HOLES Ø25 ON Ø432	N°4 - Ø28	1650	1750	1350	1450	Ø760	N°8 - Ø39	700	3500

Indicative dimensions and weights

