

TYPE:

M R

PANTERA

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 dimensized 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

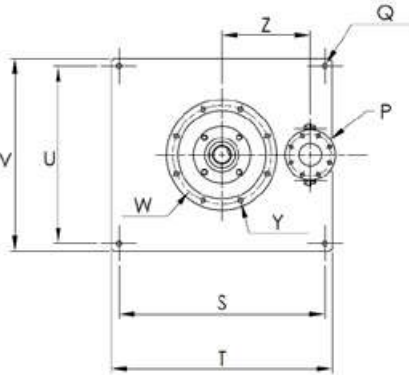
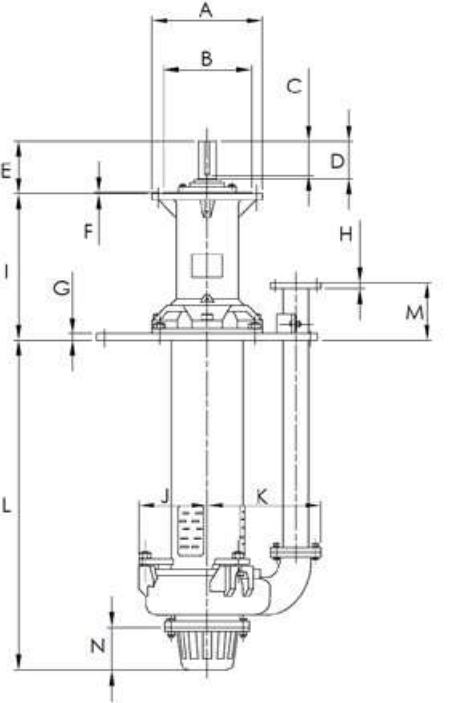
PUMPS	FLOW RATE																MOTOR*
	m³/h l/m	10	20	30	40	60	80	100	200	300	400	500	600	800	1000	1500	
PNT 40 PV/SP		5,5	4,2														1000
		15,4	13,2	11,5	9,3												1600
		28	27,5	24,5	22												2200
PNT 65 QV/SP		5,2	4,8	4,4	4												600
			28	27,6	26,8	24,9	22,5	20									1400
			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
					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
								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
									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
									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
									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 0,0 - 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 0,0 - 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 0,0 - 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 0,0 - 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 0,0 - 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 0,0 - 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 0,0 - 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



ALFA POMPE®
ITALIAN PUMPS FOR HEAVY DUTY SOLUTION

DIMENSIONAL DRAWING