

TCA

STAINLESS STEEL CENTRIFUGAL PUMP

FEATURES

- Reliable and Long-Lasting
- New hydro forming pump case, a volute fluid-flow design to achieve more efficiency.
- Low noise standard motor with high-quality mechanical seal.
- Motor drawn out from pump design is easy for taking off the impeller without piping removal.
- Thermal protector on Single phase motor (Optional thermal protector for three-phase motor).
- Lengthening shaft motor.
- Standard DIN flange connection.
- Insulation Class F, Protection IP55.

APPLICATION

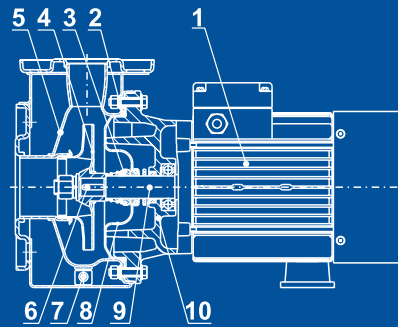
- Civil, agricultural and industrial water supplying system.
- Making wine and food system.
- Metal cleaning.
- Central heating and air condition system.
- Main pipe pressurizing and cooling tower.
- Convey weak corrosive liquid.
- Swimming pool system, drainage system.
- Farmland irrigation system.



**IMPROVED PERFORMANCE
MORE DURABILITY**

WORKING CONDITIONS

- Medium temperature: 0~+70°C
- Environmental temperature: ≤50°C
- Max. working pressure: 1.0MPa



- | | |
|--------------------|-------------------|
| 1. Motor | 7. Drainage |
| 2. O-ring | 8. Pump cover |
| 3. Mechanical Seal | 9. Pump shaft |
| 4. Impeller | 10. Former Swiss |
| 5. Pump body | 11. Locking screw |
| 6. Flat key | |

for more product info, visit www.csp.my



Low Maintenance



Energy Saving



Over Heating Protection



Anti-Rust Pump Shell



Less Noise Operation



Strong & Durable

ECO FRIENDLY
Save Water Save Energy



ISO 9001



TUV
PRODUCT SERVICE
CERTIFIED
GERMANY





TCA STAINLESS STEEL CENTRIFUGAL PUMP

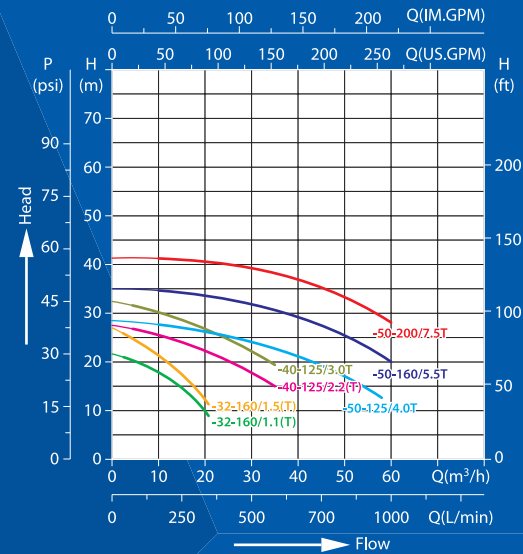
PERFORMANCE CHART

Model	Power P ₂ (kW)	Rated Head (m)	Rated Head (m ³ /h)	Q (m ³ /h)	3	6	9	12.5	15	18	20	22
TCA50-32-160/1.1(T)	1.1	16.5	12.5	H (m)	21	20	18.5	16.5	15	12.5	10	8
TCA50-32-160/1.5(T)	1.5	20	12.5	(m)	26	24.5	22.5	20	18.5	15	12.5	9.5

Model	Power P ₂ (kW)	Rated Head (m)	Rated Head (m ³ /h)	Q (m ³ /h)	5	10	15	20	25	30	35	40
TCA65-40-125/2.2(T)	2.2	20	25	H (m)	27	26	24	22	20	17	14	-
TCA65-40-125/3.0T	3.0	25	25	(m)	31	30	29	27	25	22	18	-

Model	Power P ₂ (kW)	Rated Head (m)	Rated Head (m ³ /h)	Q (m ³ /h)	5	10	20	30	40	50	60	70
TCA65-50-125/4.0T	4.0	21	40	H (m)	28	27	26	24	21	16	-	-
TCA65-50-160/5.5T	5.5	24	50		34.5	34.5	34	31.5	28.5	24	20	-
TCA65-50-200/7.5T	7.5	32	50		41	41	40.5	39	36	32	27.5	-

PERFORMANCE CURVE



Air Condition or Cooling System



High Pressure Water Supply



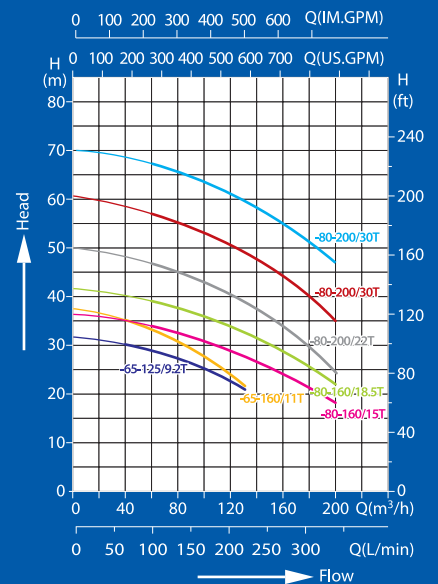
Swimming Pool System

PERFORMANCE CHART

Model	Power P ₂ (kW)	Rated Head (m)	Rated Head (m ³ /h)	Q (m ³ /h)	40	50	60	70	80	90	100	110	120	130
TCA80-65-125/9.2T	9.2	25	100	H (m)	30	29	29	28	27	26	25	23	22	19
TCA80-65-160/11T	11	29	100		(m)	36	35	34	33	32	31	29	27	25

Model	Power P ₂ (kW)	Rated Head (m)	Rated Head (m ³ /h)	Q (m ³ /h)	60	80	100	120	140	160	180	192	200
TCA100-80-160/15T	15	24	160	H (m)	35	33	31	29	27	24	21	20	18
TCA100-80-160/18.5T	18.5	30	160		38	37	36	35	33	30	27	25	22
TCA100-80-200/22T	22	35	160		46	44	42	40	38	35	31	29	26
TCA100-80-200/30T	30	47	160		57	56	55	53	50	47	44	42	39
TCA100-80-200/37T	37	56	160		66	65	63	61	59	56	53	51	48

PERFORMANCE CURVE



Authorized Distributor

